

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046359.D
 Acq On : 28 Jun 2024 19:23
 Operator : MA/JU
 Sample : P3115-12 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-325

Quant Time: Jun 28 23:02:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	162815	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	635301	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	449200	20.000	ng	0.00
64) Phenanthrene-d10	16.798	188	591430	20.000	ng	# 0.02
76) Chrysene-d12	21.003	240	495433	20.000	ng	# 0.00
86) Perylene-d12	23.674	264	540807	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.051	112	549007	54.202	ng	0.00
7) Phenol-d6	6.628	99	690659	47.999	ng	0.00
23) Nitrobenzene-d5	8.539	82	500134	32.636	ng	0.00
42) 2,4,6-Tribromophenol	15.545	330	204443	37.424	ng	0.01
45) 2-Fluorobiphenyl	12.627	172	924334	27.890	ng	0.00
79) Terphenyl-d14	19.439	244	981735	32.785	ng	0.00
Target Compounds						
31) Naphthalene	10.175	128	108215	3.108	ng	99
32) Benzoic acid	9.628	122	58	2.691	ng	# 1
35) Caprolactam	11.145	113	8233	2.464	ng	# 1
37) 2-Methylnaphthalene	11.792	142	76739	3.268	ng	99
38) 1-Methylnaphthalene	12.016	142	67665	2.914	ng	# 99
46) 1,1'-Biphenyl	12.839	154	109213	3.248	ng	95
49) Acenaphthylene	13.739	152	706915	17.565	ng	# 86
51) 2,6-Dinitrotoluene	13.616	165	27571	3.770	ng	# 17
52) Acenaphthene	14.080	154	143665	5.743	ng	# 91
53) 3-Nitroaniline	13.969	138	23931	3.239	ng	# 26
54) 2,4-Dinitrophenol	14.186	184	63	4.753	ng	# 1
55) Dibenzofuran	14.427	168	195081	4.867	ng	# 74
56) 4-Nitrophenol	14.351	139	4452	4.340	ng	# 1
58) Fluorene	15.080	166	174687	5.095	ng	# 64
61) 4-Chlorophenyl-phenyle...	15.080	204	35018	2.194	ng	# 1
62) 4-Nitroaniline	14.904	138	39238	5.412	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	2073	4.413	ng	# 1
66) n-Nitrosodiphenylamine	15.327	169	43620	2.539	ng	# 37
69) Atrazine	16.315	200	22148	4.664	ng	# 1
70) Pentachlorophenol	16.515	266	13704	3.056	ng	# 14
71) Phenanthrene	16.845	178	2182185	69.337	ng	# 91
72) Anthracene	16.933	178	1058846	34.588	ng	# 82
73) Carbazole	17.215	167	268407	8.904	ng	# 25
75) Fluoranthene	18.874	202	3984173	107.131	ng	95
78) Pyrene	19.239	202	5324960	154.735	ng	99
81) Benzo(a)anthracene	20.992	228	3103091	95.480	ng	97
83) Chrysene	21.044	228	3942584	126.844	ng	99
84) Bis(2-ethylhexyl)phtha...	20.921	149	76714	5.071	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.632	276	1323397	38.154	ng	96
88) Benzo(b)fluoranthene	22.862	252	5428140	169.460	ng	97
89) Benzo(k)fluoranthene	22.862	252	5428140	170.352	ng	99
90) Benzo(a)pyrene	23.562	252	2429388	86.348	ng	99
91) Dibenzo(a,h)anthracene	26.656	278	369505	12.758	ng	# 91
92) Benzo(g,h,i)perylene	27.556	276	1061436	37.001	ng	98

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ALS Vial : 16 Sample Multiplier: 1

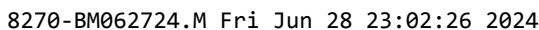
Instrument :
BNA_M
ClientSampleId :
VNJ-325

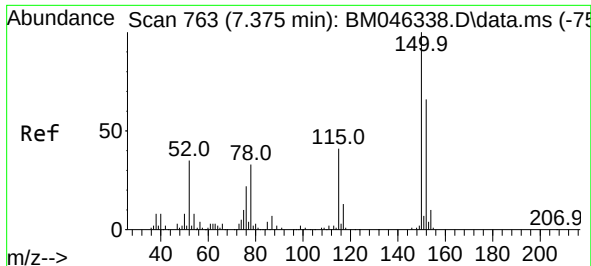
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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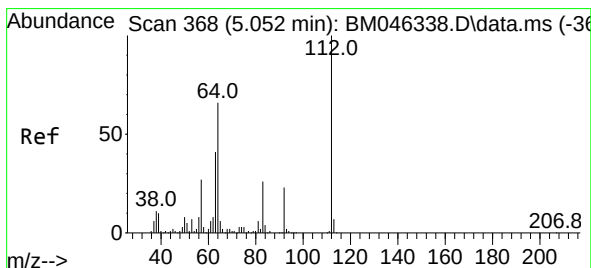
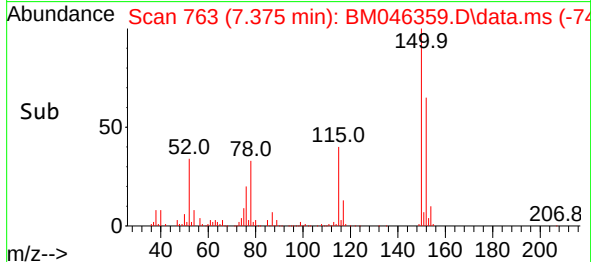
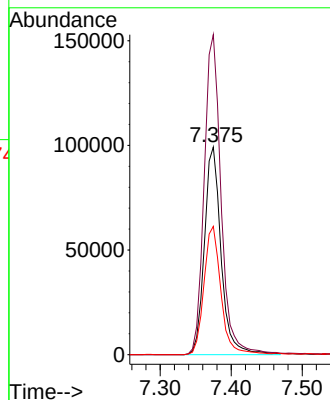
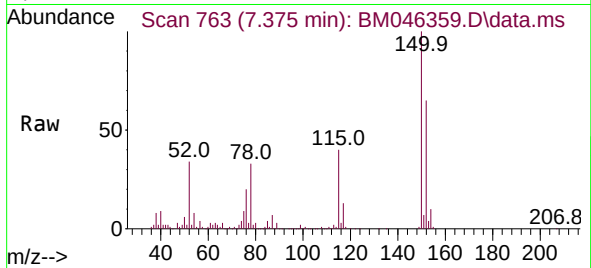




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. -0.000 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

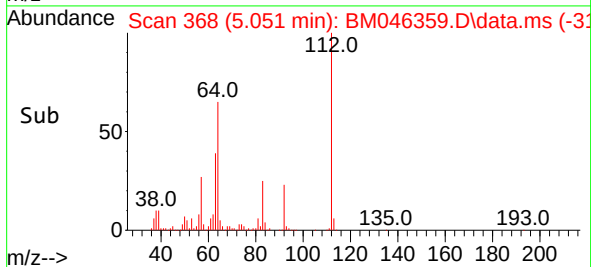
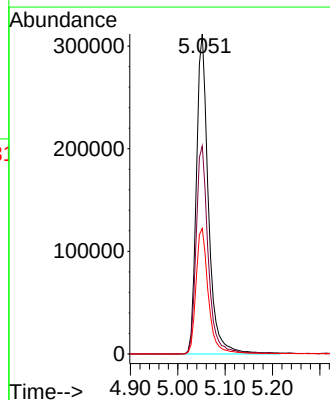
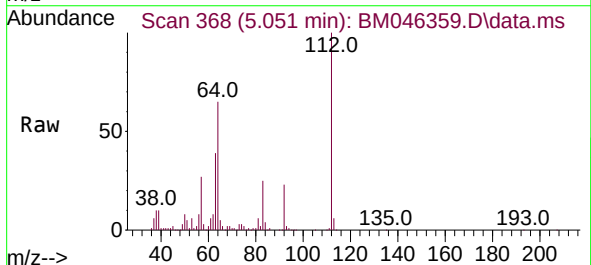
Instrument :
BNA_M
ClientSampleId :
VNJ-325

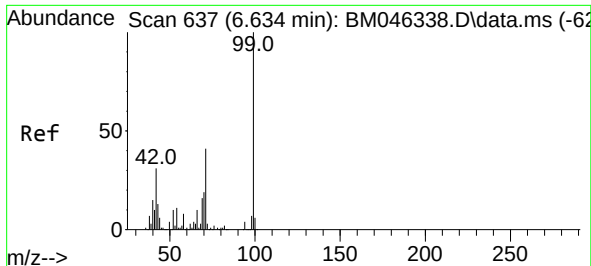
Tgt Ion:152 Resp: 162815
Ion Ratio Lower Upper
152 100
150 154.0 122.1 183.1
115 61.8 50.2 75.4



#5
2-Fluorophenol
Concen: 54.202 ng
RT: 5.051 min Scan# 368
Delta R.T. -0.000 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion:112 Resp: 549007
Ion Ratio Lower Upper
112 100
64 65.0 52.8 79.2
63 39.3 32.9 49.3

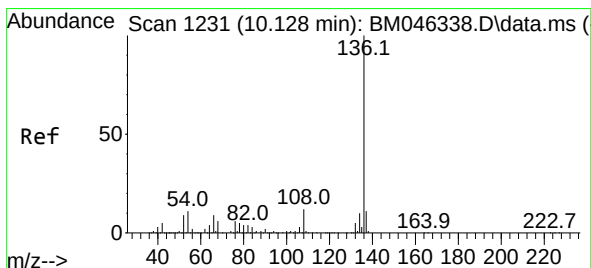
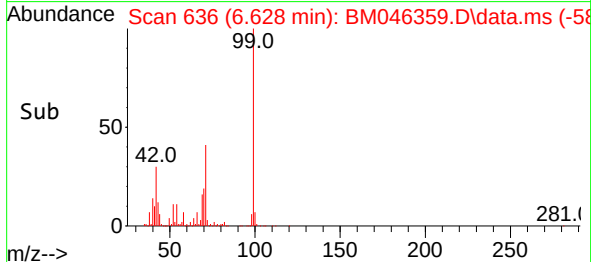
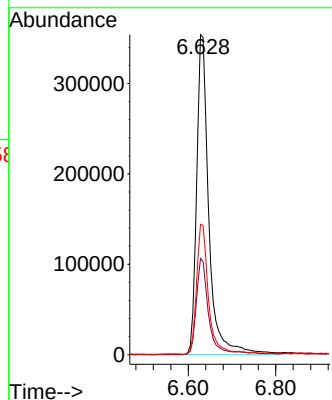
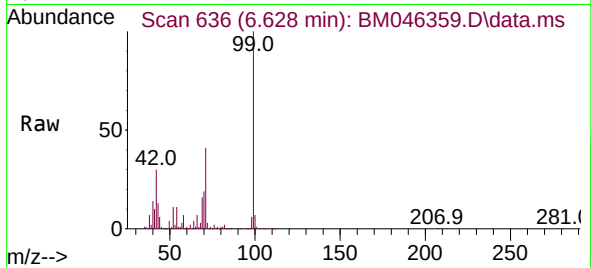




#7
Phenol-d6
Concen: 47.999 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

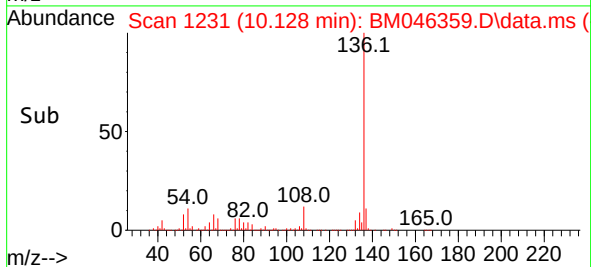
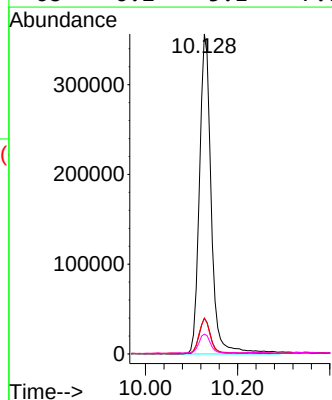
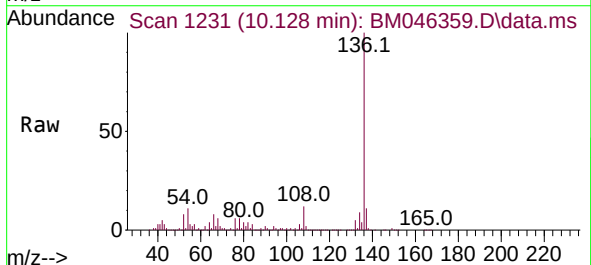
Instrument :
BNA_M
ClientSampleId :
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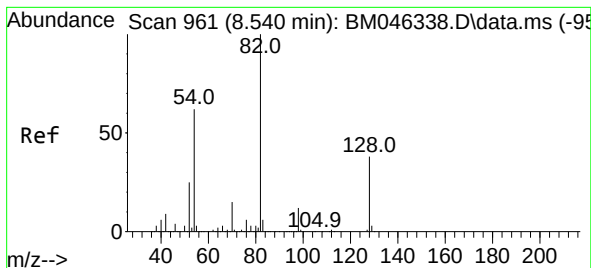
Tgt Ion: 99 Resp: 690659
Ion Ratio Lower Upper
99 100
42 30.1 24.8 37.2
71 40.8 33.1 49.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion: 136 Resp: 635301
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 11.1 9.0 13.4
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 32.636 ng

RT: 8.539 min Scan# 961

Delta R.T. -0.000 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Instrument :

BNA_M

ClientSampleId :

VNJ-325

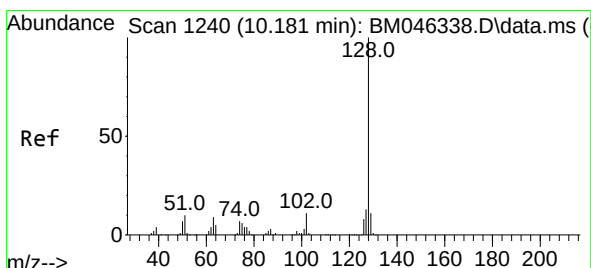
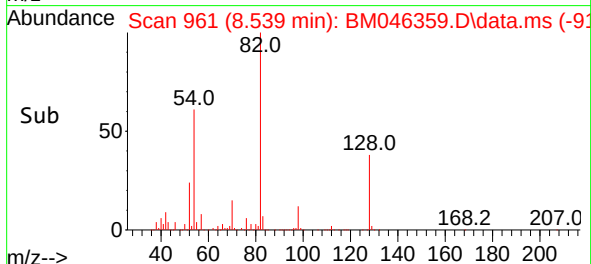
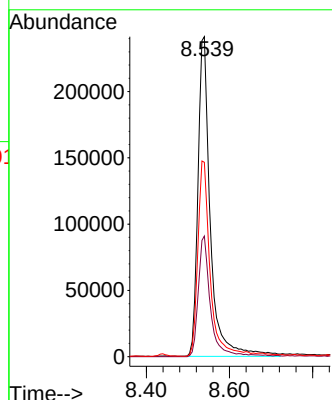
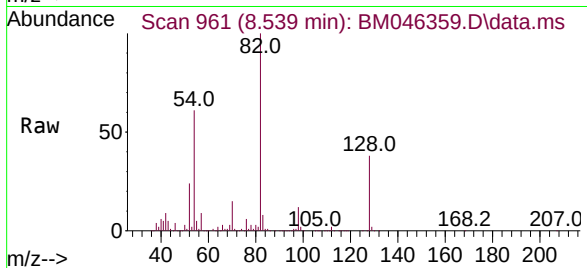
Tgt Ion: 82 Resp: 500134

Ion Ratio Lower Upper

82 100

128 37.7 30.6 46.0

54 60.7 49.6 74.4



#31

Naphthalene

Concen: 3.108 ng

RT: 10.175 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

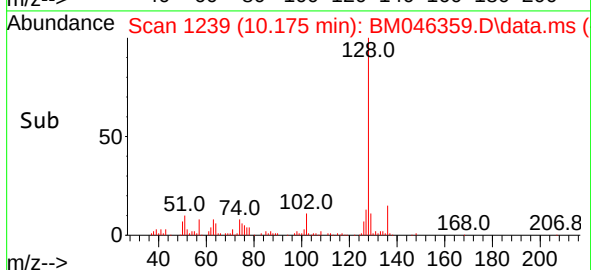
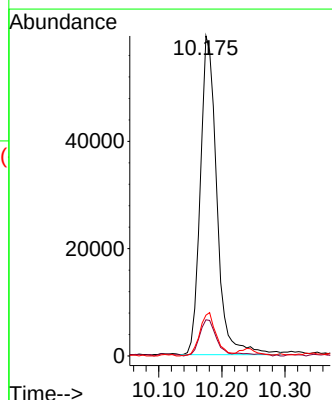
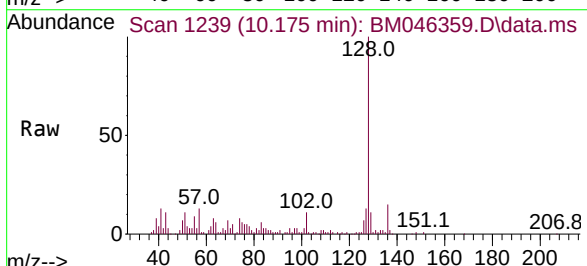
Tgt Ion: 128 Resp: 108215

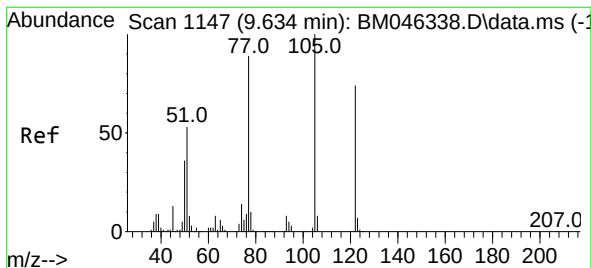
Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

127 12.7 10.3 15.5





#32

Benzoic acid

Concen: 2.691 ng

RT: 9.628 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Instrument :

BNA_M

ClientSampleId :

VNJ-325

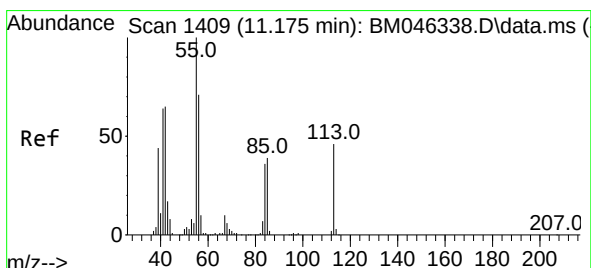
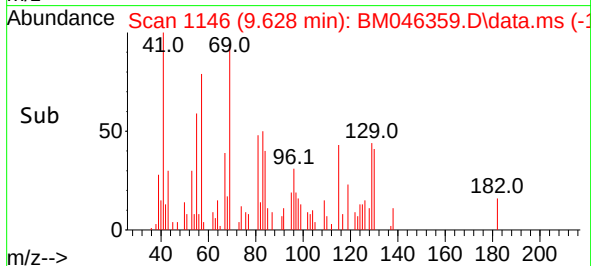
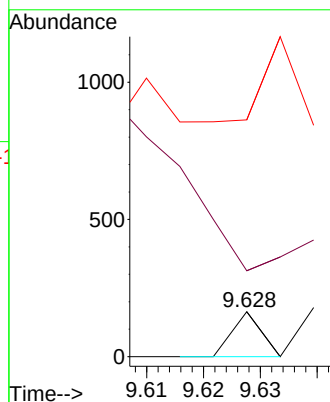
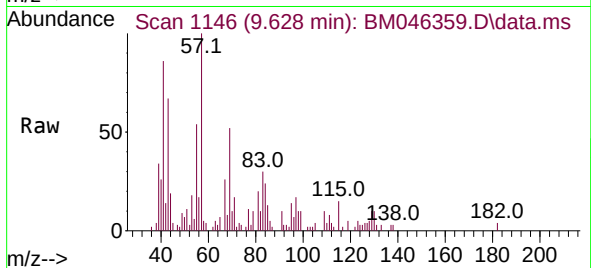
Tgt Ion:122 Resp: 58

Ion Ratio Lower Upper

122 100

105 190.9 115.0 155.0#

77 526.2 100.1 140.1#



#35

Caprolactam

Concen: 2.464 ng

RT: 11.145 min Scan# 1404

Delta R.T. -0.030 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

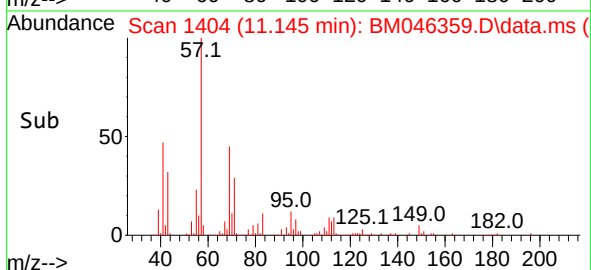
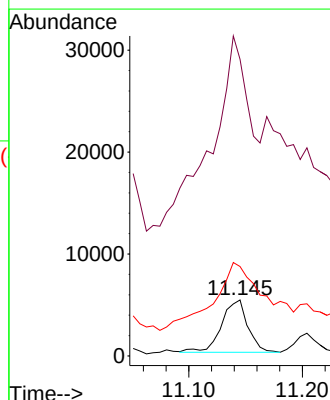
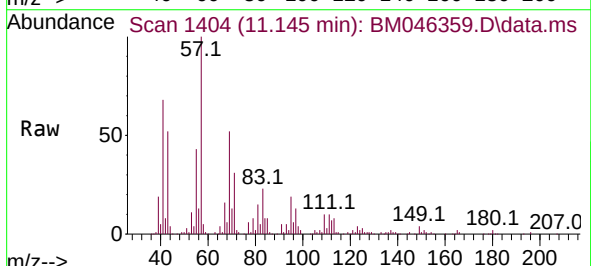
Tgt Ion:113 Resp: 8233

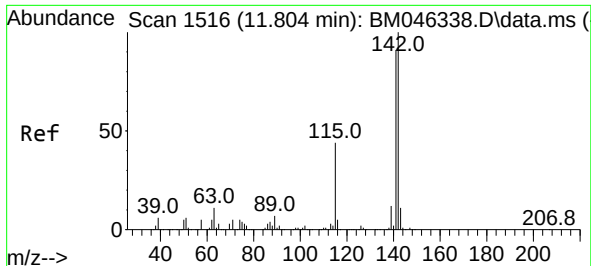
Ion Ratio Lower Upper

113 100

55 529.1 199.3 239.3#

56 159.5 136.8 176.8

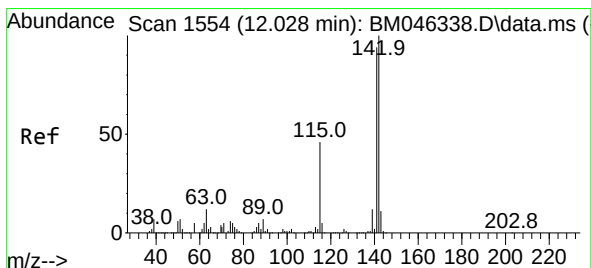
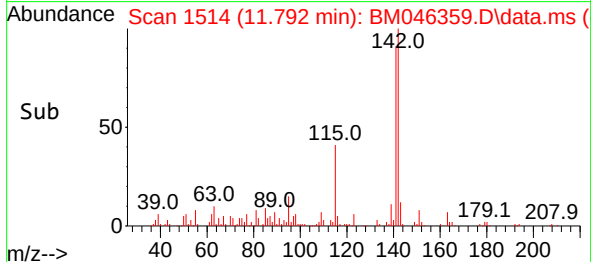
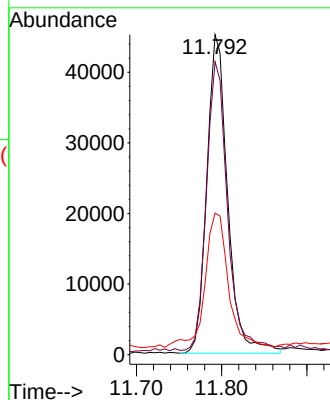
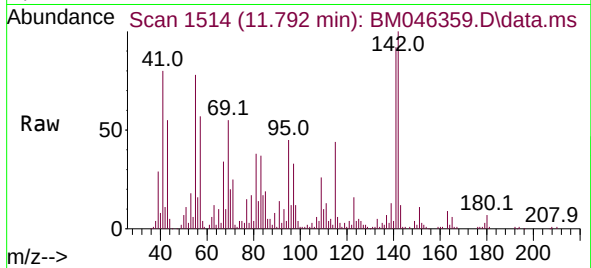




#37
2-Methylnaphthalene
Concen: 3.268 ng
RT: 11.792 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

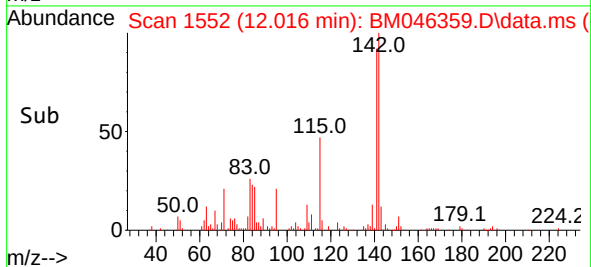
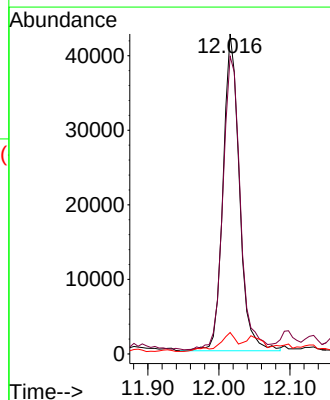
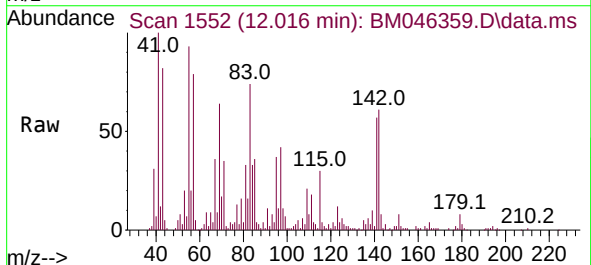
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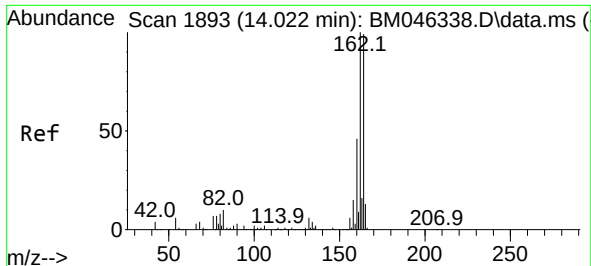
Tgt Ion:142 Resp: 76739
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2
115 44.2 34.8 52.2



#38
1-Methylnaphthalene
Concen: 2.914 ng
RT: 12.016 min Scan# 1552
Delta R.T. -0.012 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion:142 Resp: 67665
Ion Ratio Lower Upper
142 100
141 93.0 75.3 112.9
116 6.7 3.8 5.6#

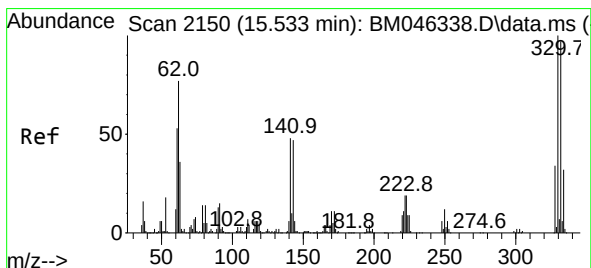
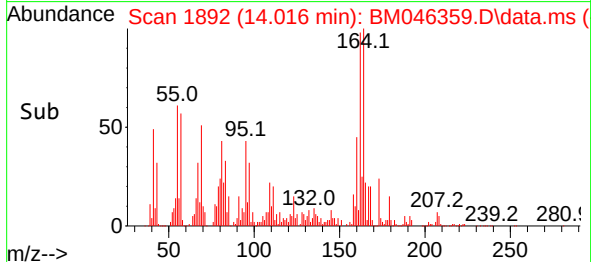
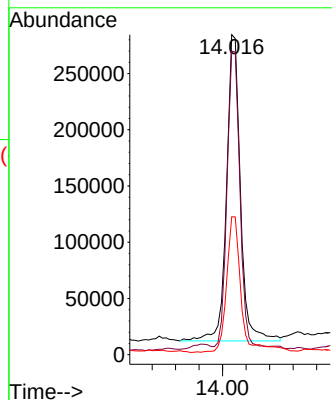
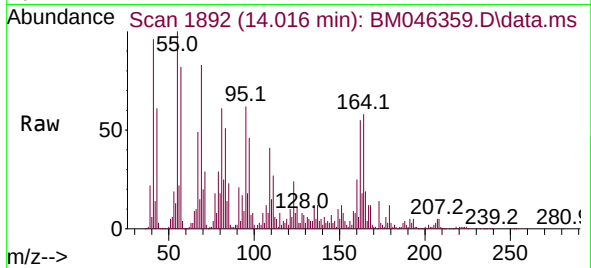




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

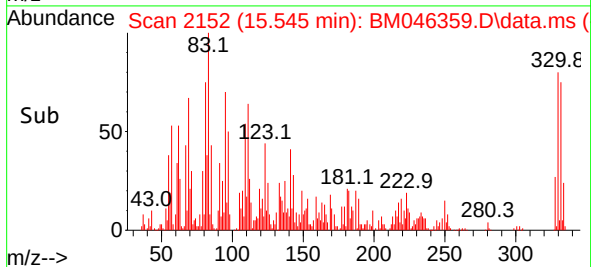
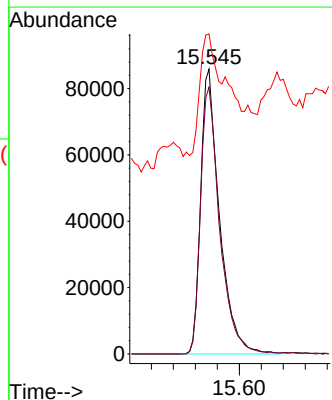
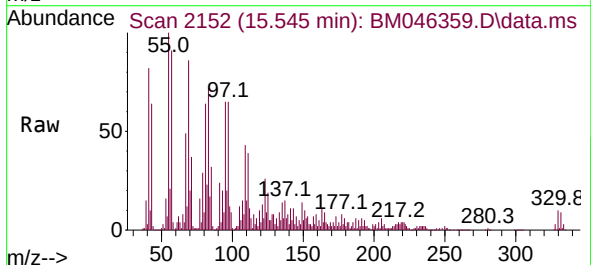
Instrument :
BNA_M
ClientSampleId :
VNJ-325

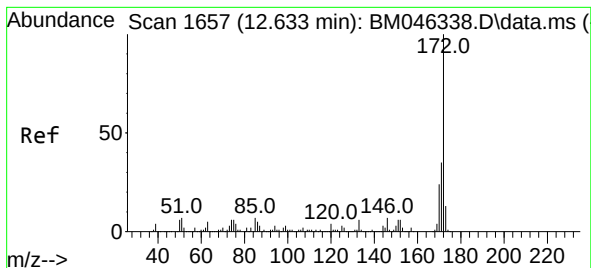
Tgt Ion:164 Resp: 449200
Ion Ratio Lower Upper
164 100
162 94.8 80.5 120.7
160 43.1 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 37.424 ng
RT: 15.545 min Scan# 2152
Delta R.T. 0.012 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion:330 Resp: 204443
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.6
141 40.3 43.2 64.8#





#45

2-Fluorobiphenyl

Concen: 27.890 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Instrument :

BNA_M

ClientSampleId :

VNJ-325

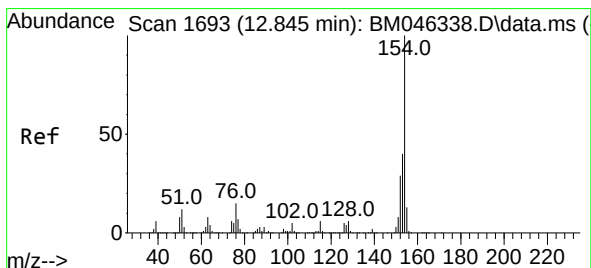
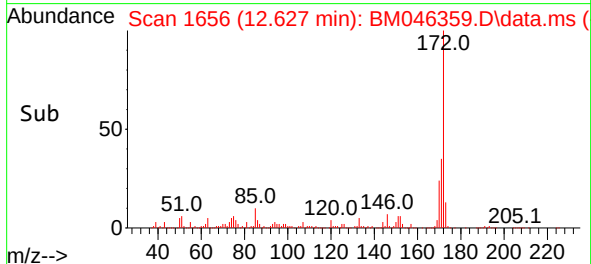
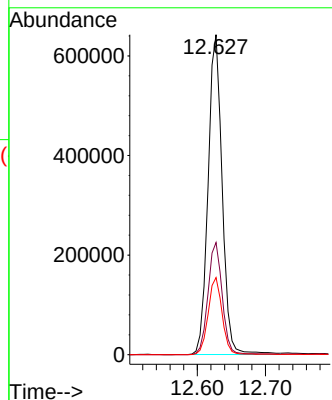
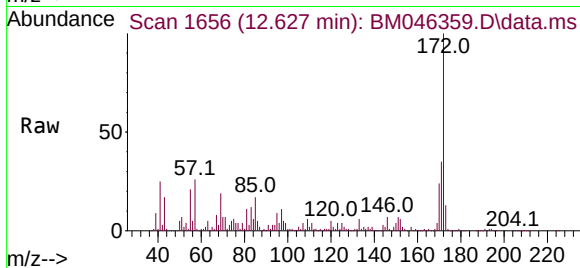
Tgt Ion:172 Resp: 924334

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 24.1 19.4 29.0



#46

1,1'-Biphenyl

Concen: 3.248 ng

RT: 12.839 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

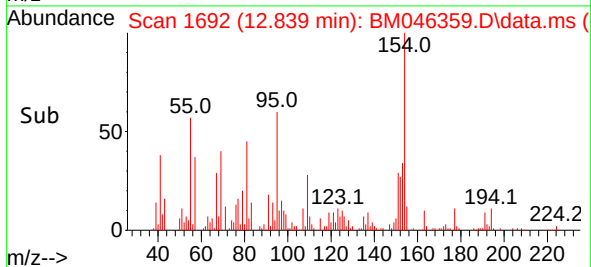
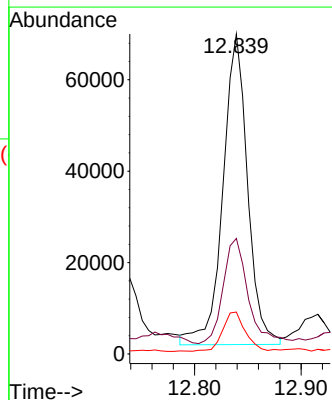
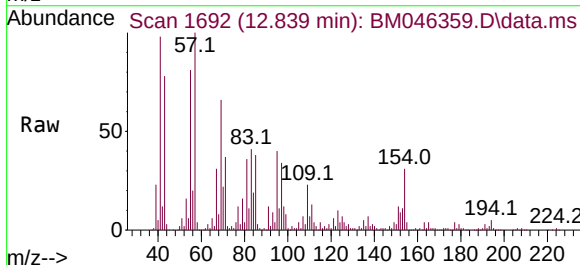
Tgt Ion:154 Resp: 109213

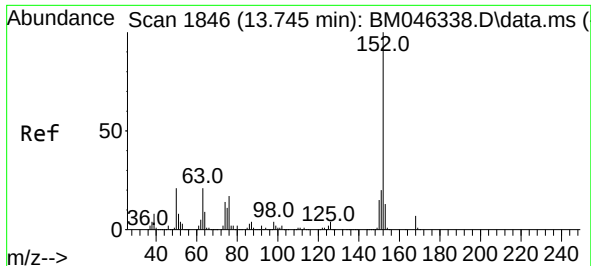
Ion Ratio Lower Upper

154 100

153 36.1 19.8 59.8

76 13.1 0.0 34.8

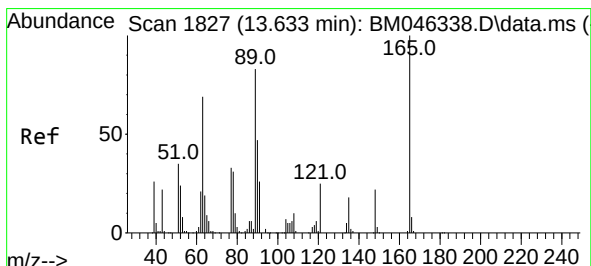
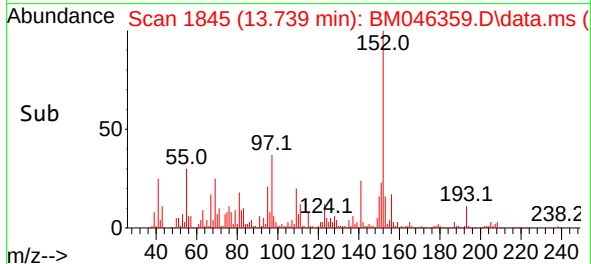
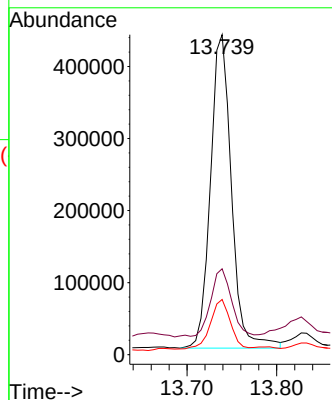
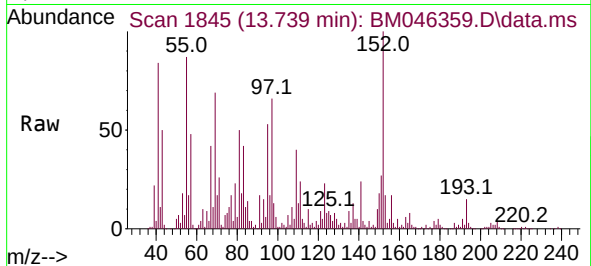




#49
Acenaphthylene
Concen: 17.565 ng
RT: 13.739 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

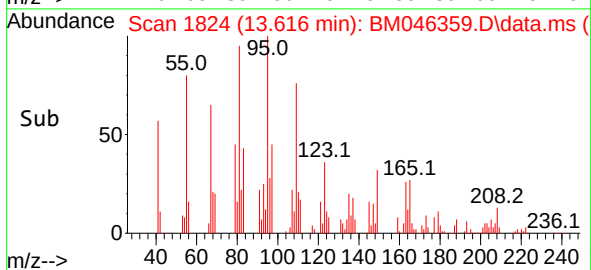
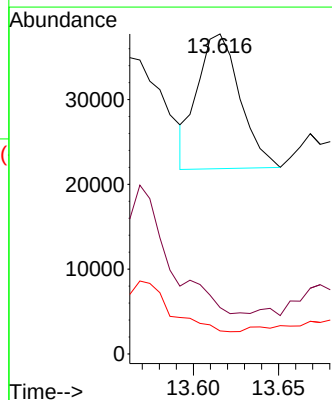
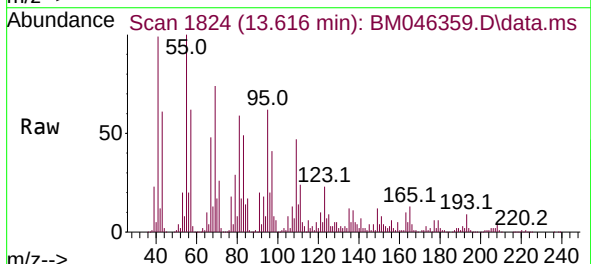
Instrument :
BNA_M
ClientSampleId :
VNJ-325

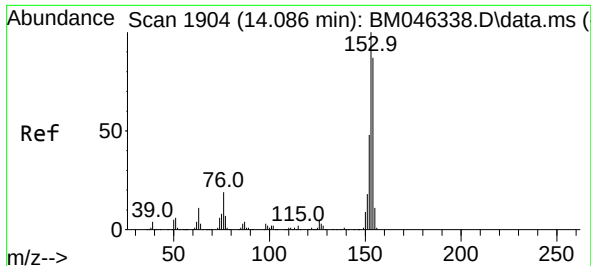
Tgt Ion:152 Resp: 706915
Ion Ratio Lower Upper
152 100
151 26.9 15.7 23.5#
153 17.2 10.4 15.6#



#51
2,6-Dinitrotoluene
Concen: 3.770 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.017 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion:165 Resp: 27571
Ion Ratio Lower Upper
165 100
63 14.5 74.4 111.6#
89 7.2 66.2 99.2#

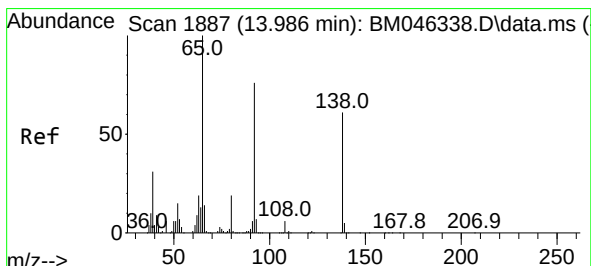
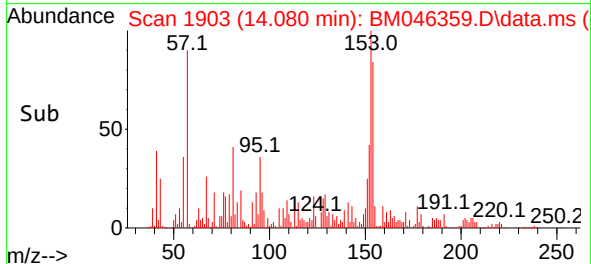
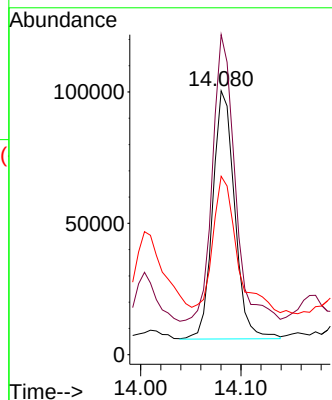
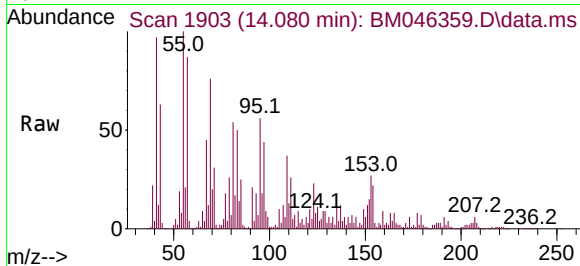




#52
Acenaphthene
Concen: 5.743 ng
RT: 14.080 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

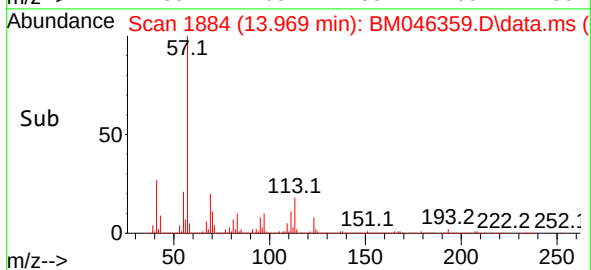
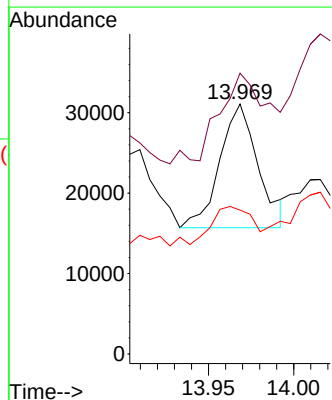
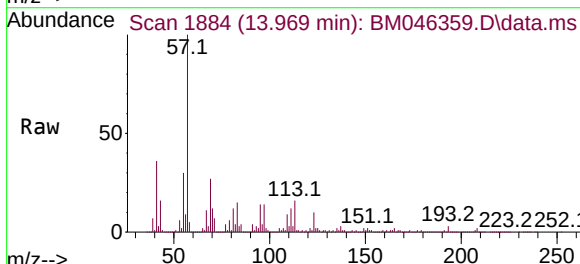
Instrument :
BNA_M
ClientSampleId :
VNJ-325

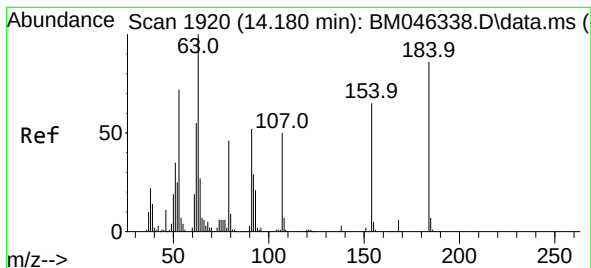
Tgt Ion:154 Resp: 143665
Ion Ratio Lower Upper
154 100
153 121.3 92.0 138.0
152 67.6 44.4 66.6#



#53
3-Nitroaniline
Concen: 3.239 ng
RT: 13.969 min Scan# 1884
Delta R.T. -0.018 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion:138 Resp: 23931
Ion Ratio Lower Upper
138 100
108 112.4 7.4 11.0#
92 57.6 99.3 148.9#

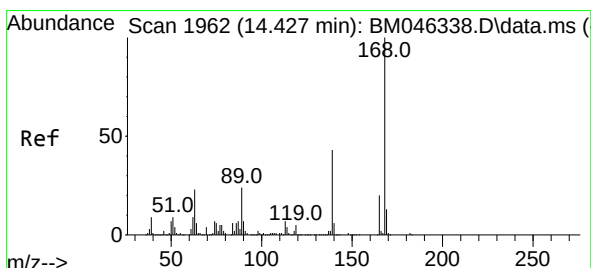
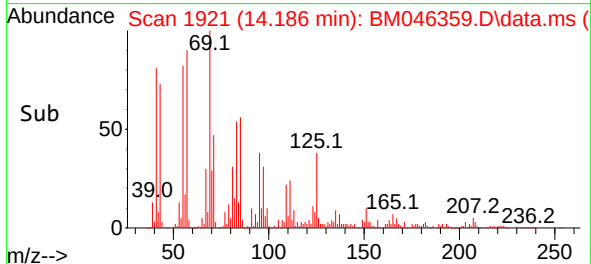
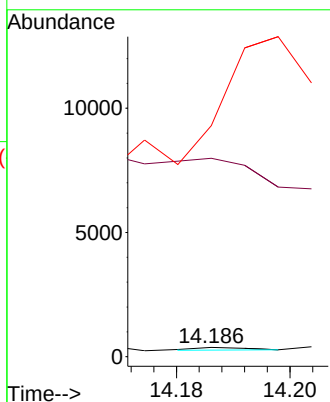
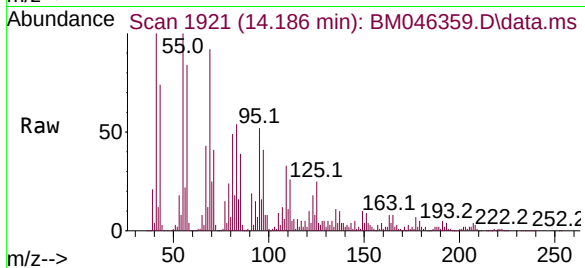




#54
2,4-Dinitrophenol
Concen: 4.753 ng
RT: 14.186 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

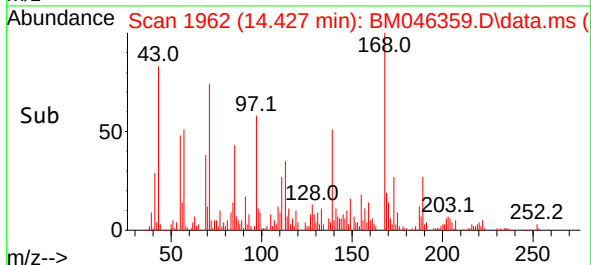
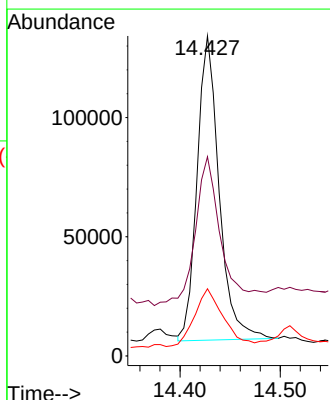
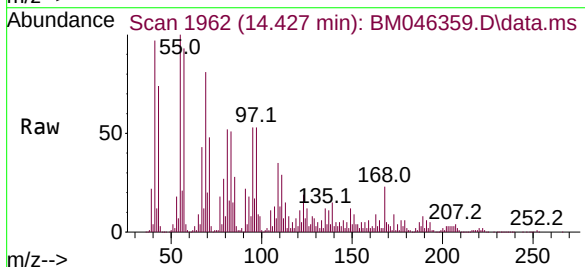
Instrument :
BNA_M
ClientSampleId :
VNJ-325

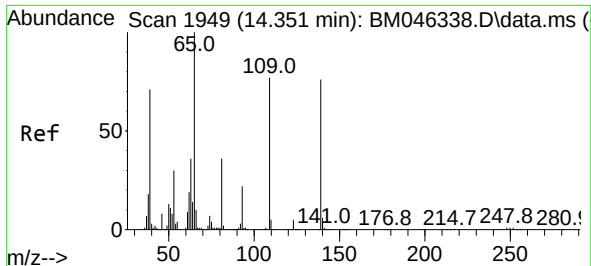
Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 2147.3 93.5 140.3#
154 2501.1 61.2 91.8#



#55
Dibenzofuran
Concen: 4.867 ng
RT: 14.427 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion:168 Resp: 195081
Ion Ratio Lower Upper
168 100
139 62.2 35.4 53.2#
169 21.0 10.7 16.1#

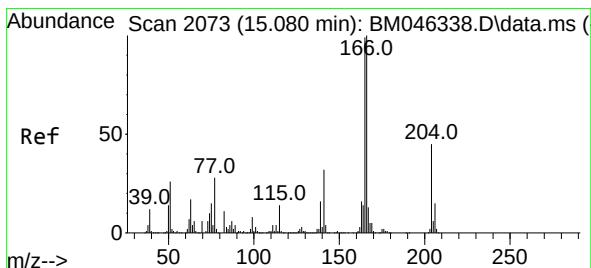
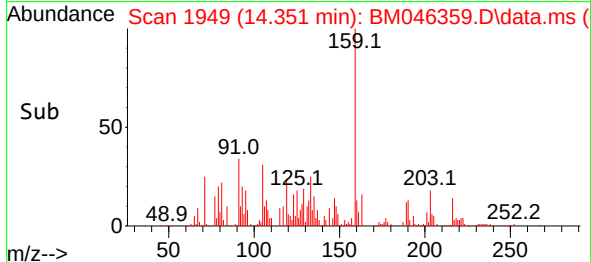
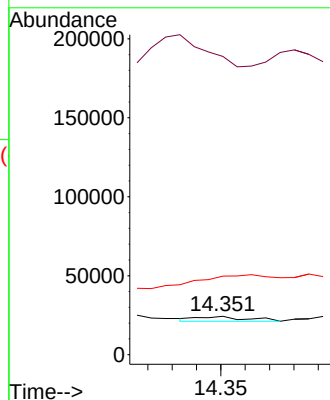
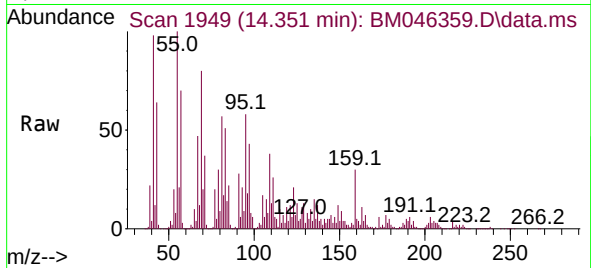




#56
4-Nitrophenol
Concen: 4.340 ng
RT: 14.351 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

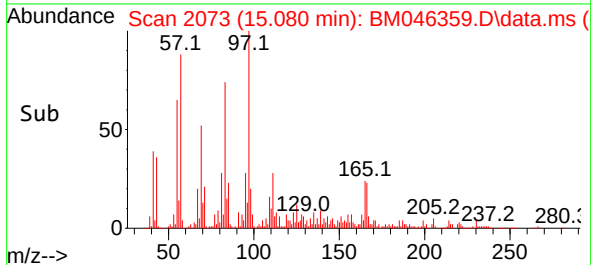
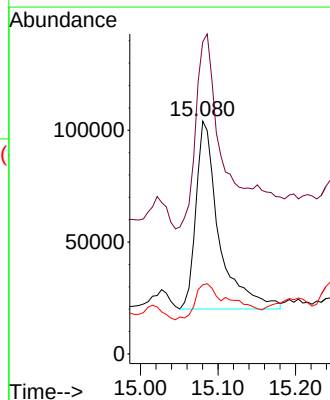
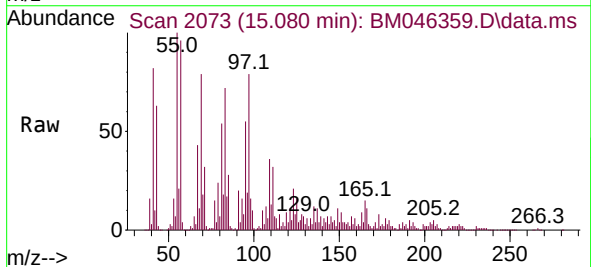
Instrument :
BNA_M
ClientSampleId :
VNJ-325

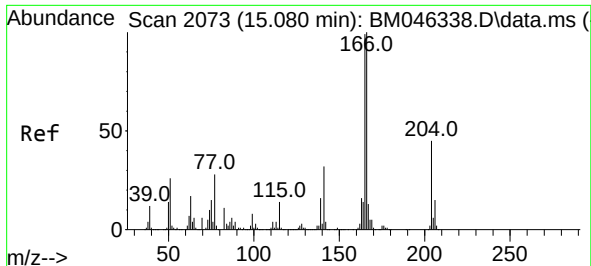
Tgt Ion:139 Resp: 4452
Ion Ratio Lower Upper
139 100
109 776.6 82.0 122.0#
65 204.5 112.0 152.0#



#58
Fluorene
Concen: 5.095 ng
RT: 15.080 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion:166 Resp: 174687
Ion Ratio Lower Upper
166 100
165 134.1 79.4 119.0#
167 29.7 10.7 16.1#

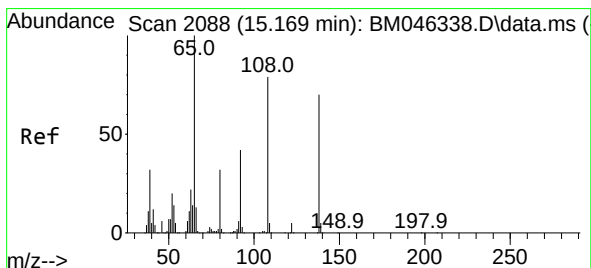
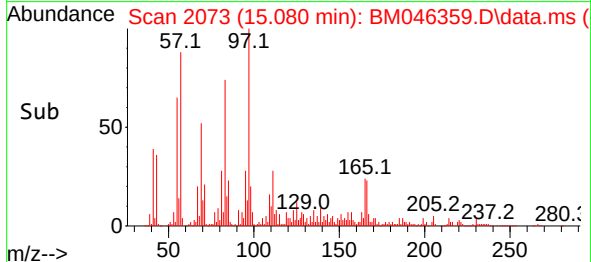
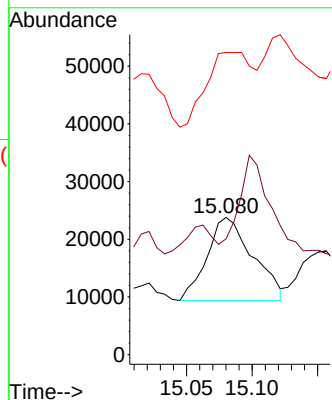
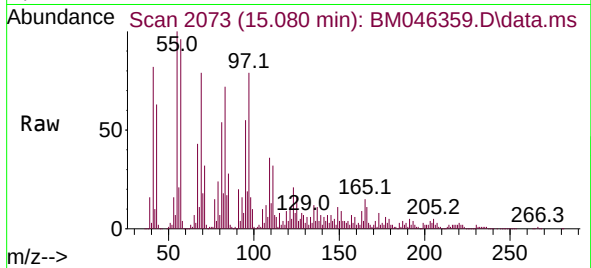




#61
4-Chlorophenyl-phenylether
Concen: 2.194 ng
RT: 15.080 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

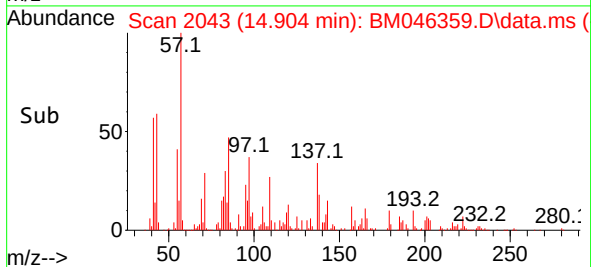
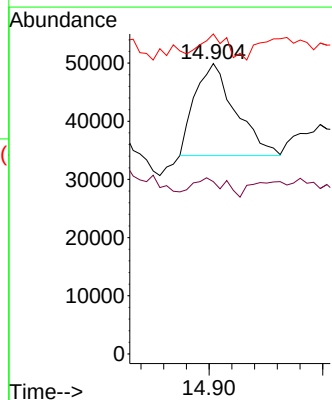
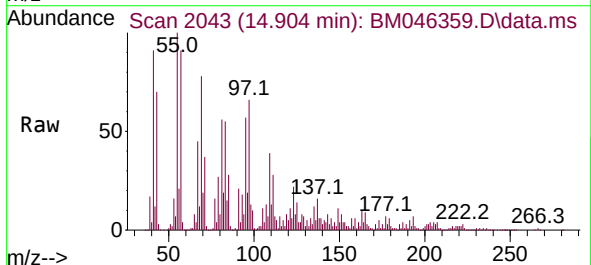
Instrument :
BNA_M
ClientSampleId :
VNJ-325

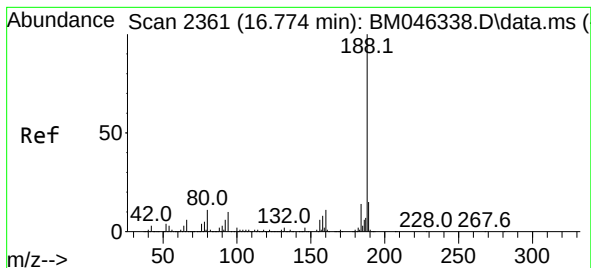
Tgt Ion:204 Resp: 35018
Ion Ratio Lower Upper
204 100
206 84.5 25.8 38.8#
141 220.2 57.4 86.2#



#62
4-Nitroaniline
Concen: 5.412 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.265 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion:138 Resp: 39238
Ion Ratio Lower Upper
138 100
92 59.4 39.5 79.5
108 110.2 91.6 131.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.798 min Scan# 21

Delta R.T. 0.024 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Instrument :

BNA_M

ClientSampleId :

VNJ-325

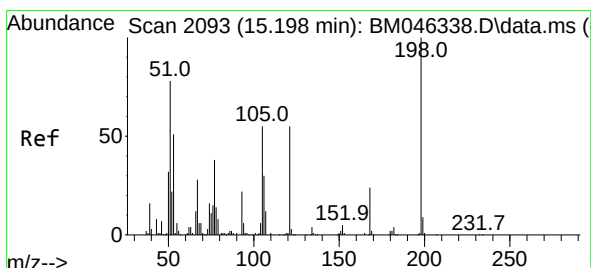
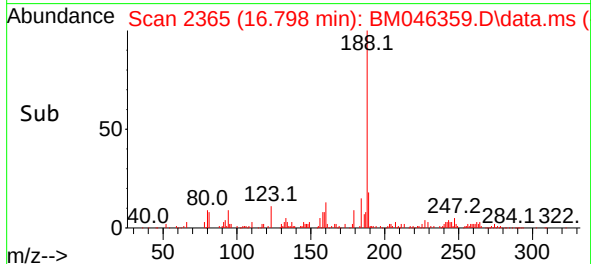
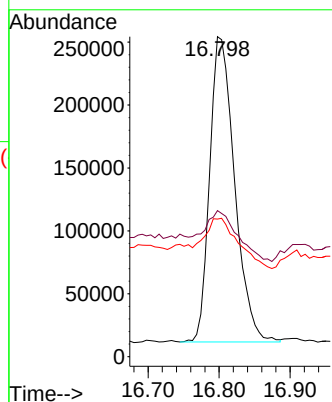
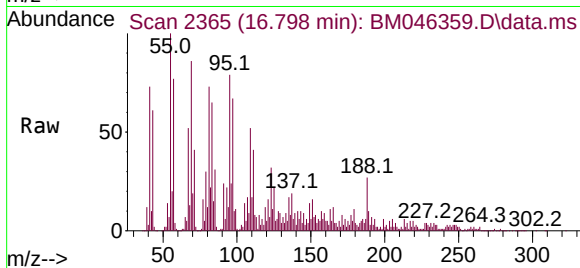
Tgt Ion:188 Resp: 591430

Ion Ratio Lower Upper

188 100

94 45.6 7.9 11.9#

80 43.0 9.0 13.6#



#65

4,6-Dinitro-2-methylphenol

Concen: 4.413 ng

RT: 15.198 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

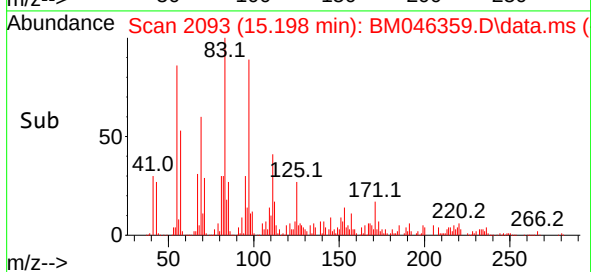
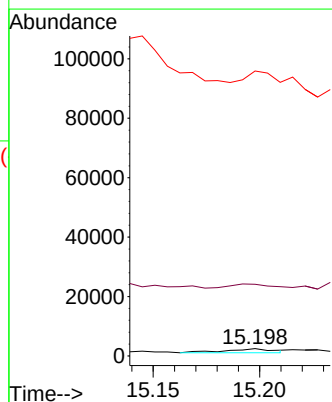
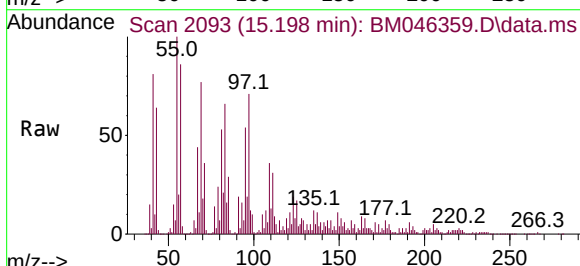
Tgt Ion:198 Resp: 2073

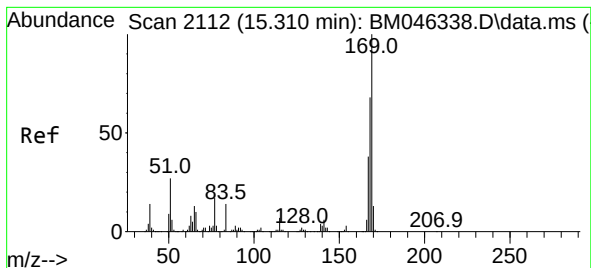
Ion Ratio Lower Upper

198 100

51 974.4 65.1 105.1#

105 3872.1 36.0 76.0#





#66

n-Nitrosodiphenylamine

Concen: 2.539 ng

RT: 15.327 min Scan# 2115

Delta R.T. 0.017 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Instrument :

BNA_M

ClientSampleId :

VNJ-325

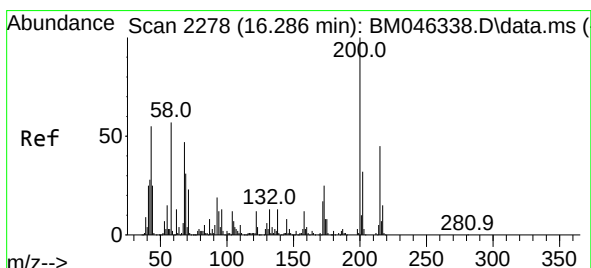
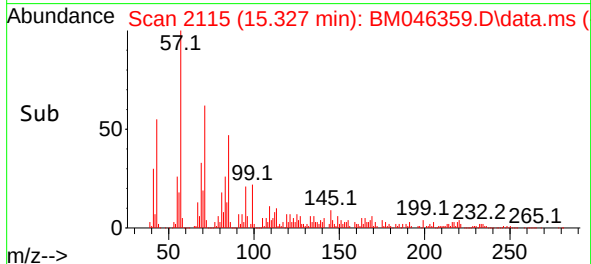
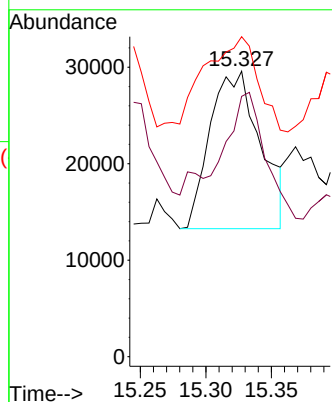
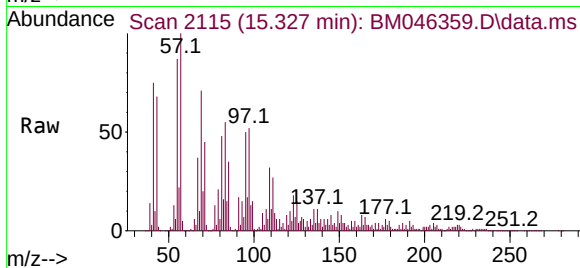
Tgt Ion:169 Resp: 43620

Ion Ratio Lower Upper

169 100

168 91.2 54.2 81.4#

167 112.1 30.2 45.2#



#69

Atrazine

Concen: 4.664 ng

RT: 16.315 min Scan# 2283

Delta R.T. 0.029 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

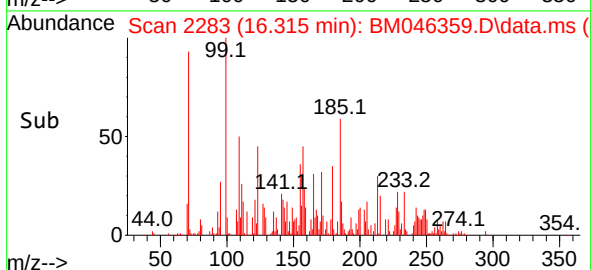
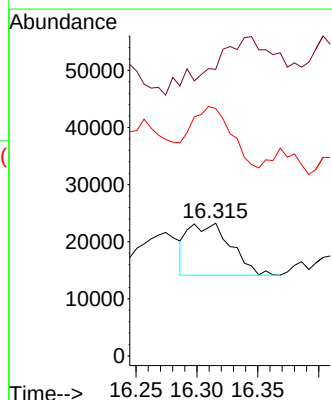
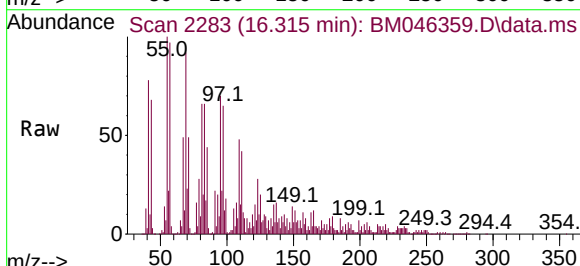
Tgt Ion:200 Resp: 22148

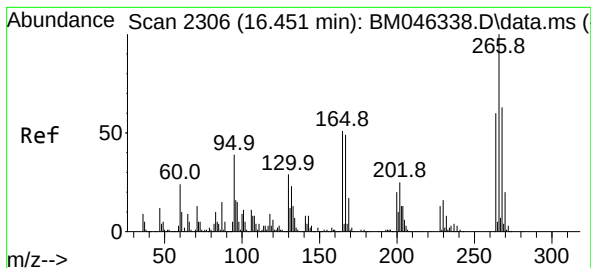
Ion Ratio Lower Upper

200 100

173 215.8 4.9 44.9#

215 186.5 25.0 65.0#





#70

Pentachlorophenol

Concen: 3.056 ng

RT: 16.515 min Scan# 21

Delta R.T. 0.065 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Instrument :

BNA_M

ClientSampleId :

VNJ-325

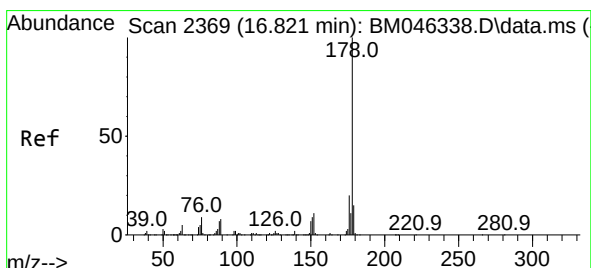
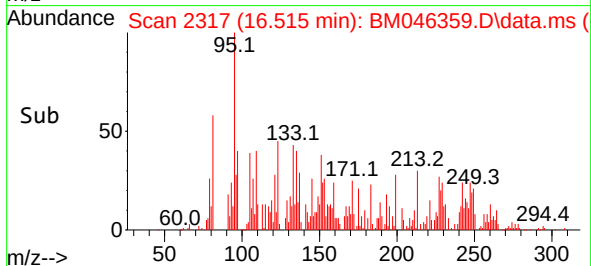
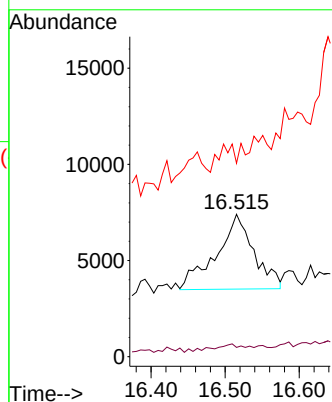
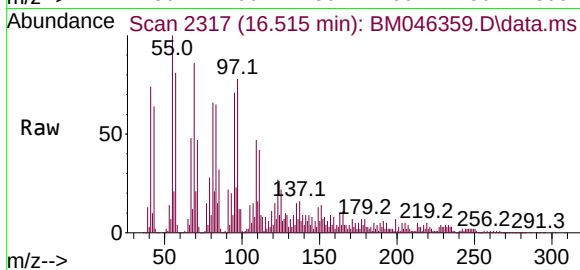
Tgt Ion:266 Resp: 13704

Ion Ratio Lower Upper

266 100

268 6.5 50.3 75.5#

264 135.8 48.4 72.6#



#71

Phenanthrene

Concen: 69.337 ng

RT: 16.845 min Scan# 2373

Delta R.T. 0.023 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

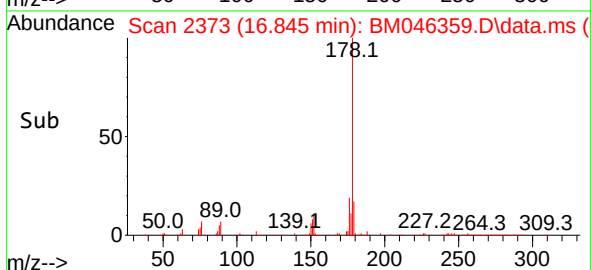
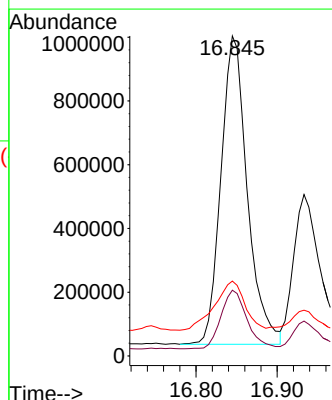
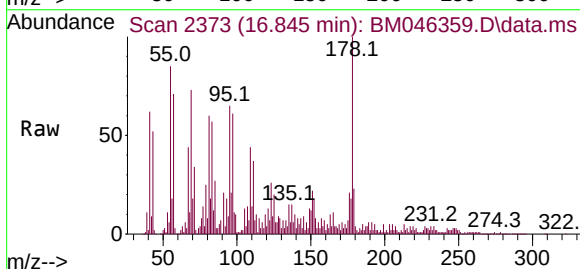
Tgt Ion:178 Resp: 2182185

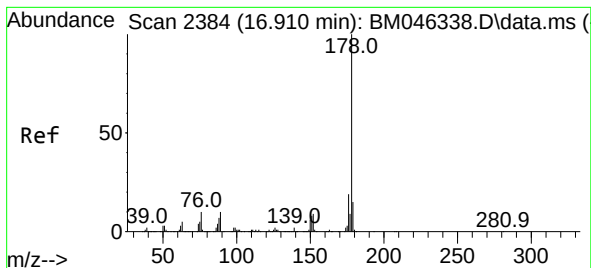
Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

179 23.4 12.2 18.4#





#72

Anthracene

Concen: 34.588 ng

RT: 16.933 min Scan# 21

Delta R.T. 0.023 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Instrument :

BNA_M

ClientSampleId :

VNJ-325

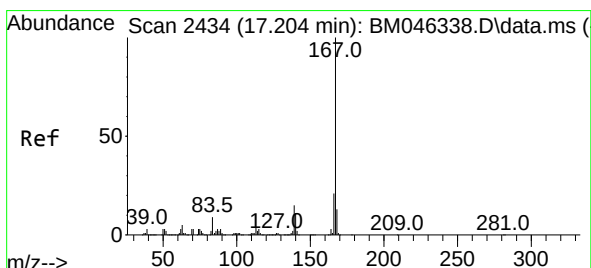
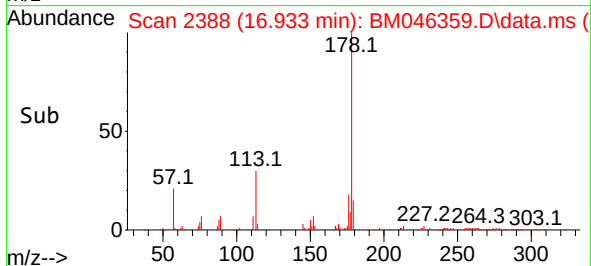
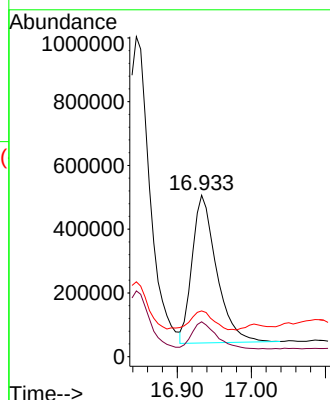
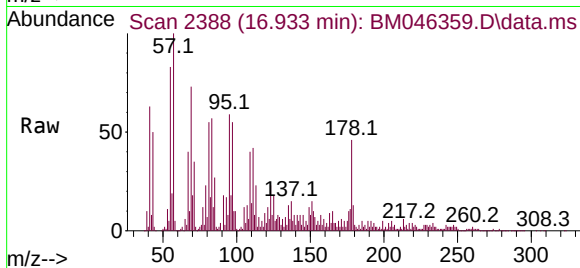
Tgt Ion:178 Resp: 1058846

Ion Ratio Lower Upper

178 100

176 21.6 15.1 22.7

179 28.4 12.0 18.0#



#73

Carbazole

Concen: 8.904 ng

RT: 17.215 min Scan# 2436

Delta R.T. 0.012 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

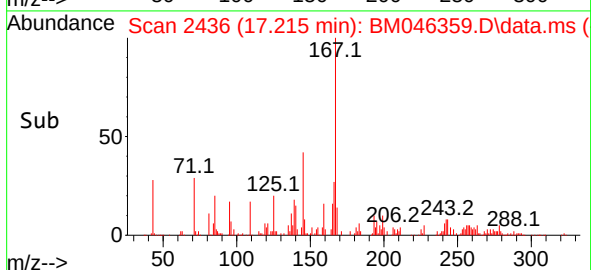
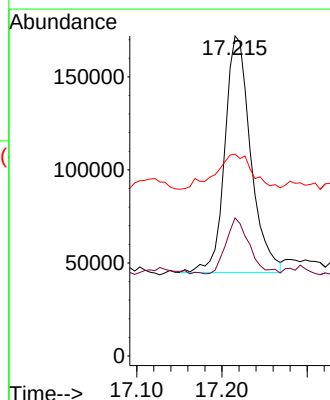
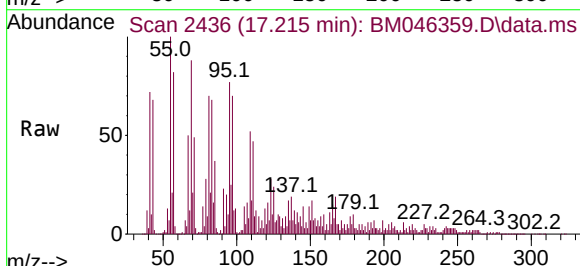
Tgt Ion:167 Resp: 268407

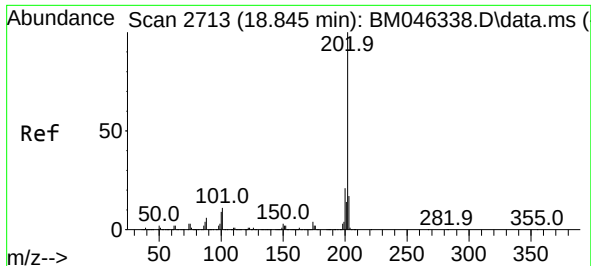
Ion Ratio Lower Upper

167 100

166 43.2 17.1 25.7#

139 63.0 11.8 17.6#

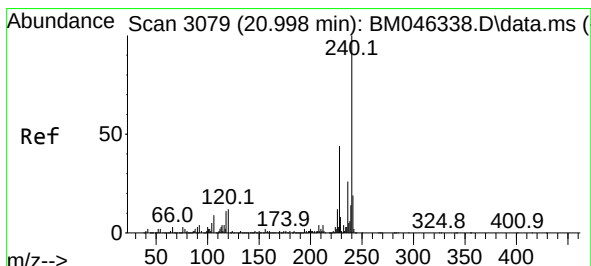
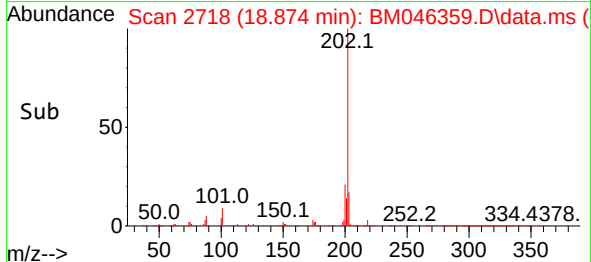
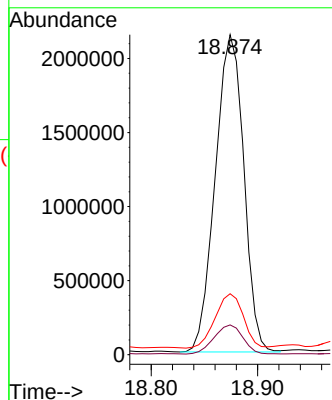
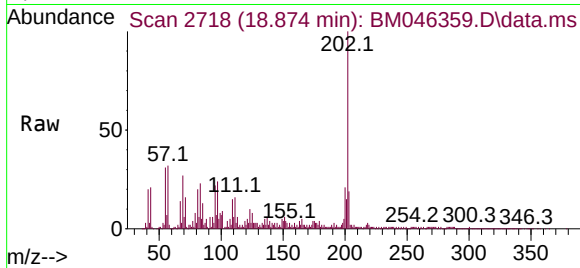




#75
Fluoranthene
Concen: 107.131 ng
RT: 18.874 min Scan# 21
Delta R.T. 0.029 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

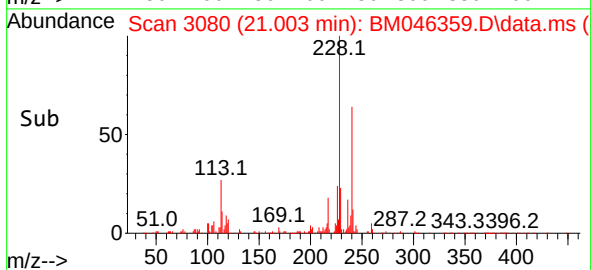
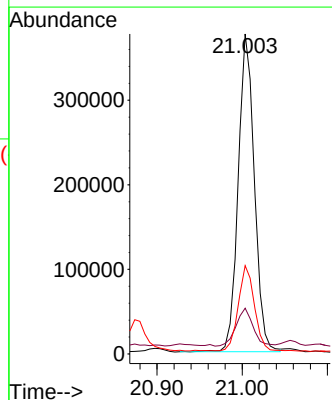
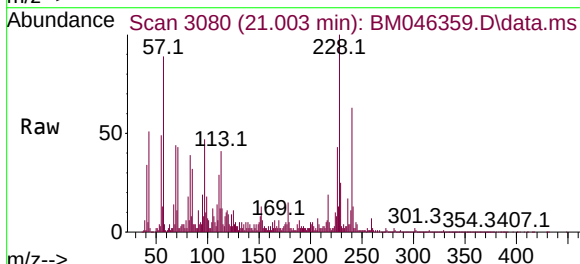
Instrument :
BNA_M
ClientSampleId :
VNJ-325

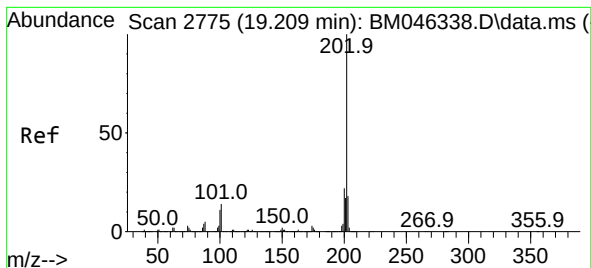
Tgt Ion:202 Resp: 3984173
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 19.0 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.003 min Scan# 3080
Delta R.T. 0.006 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion:240 Resp: 495433
Ion Ratio Lower Upper
240 100
120 14.3 9.3 13.9#
236 27.6 20.5 30.7





#78

Pyrene

Concen: 154.735 ng

RT: 19.239 min Scan# 21

Delta R.T. 0.030 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Instrument :

BNA_M

ClientSampleId :

VNJ-325

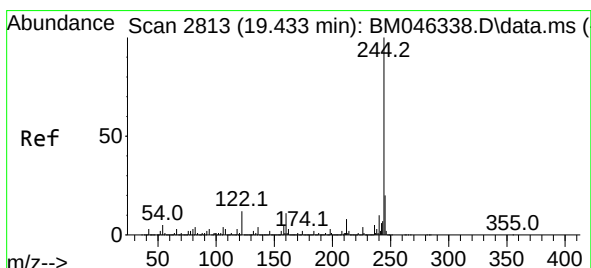
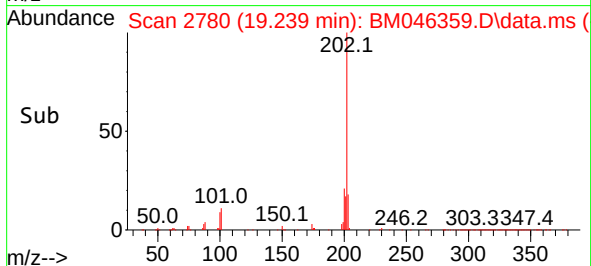
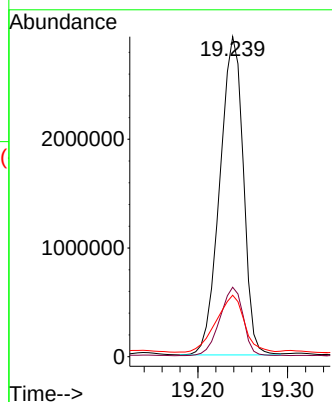
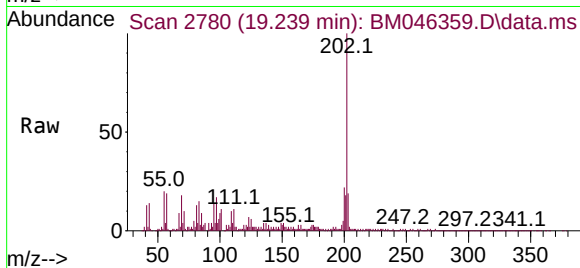
Tgt Ion:202 Resp: 5324960

Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 19.2 14.3 21.5



#79

Terphenyl-d14

Concen: 32.785 ng

RT: 19.439 min Scan# 2814

Delta R.T. 0.006 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

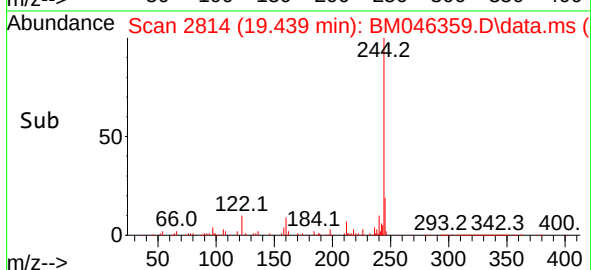
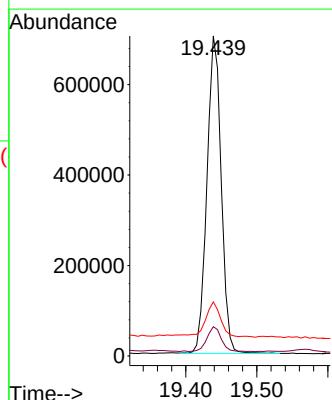
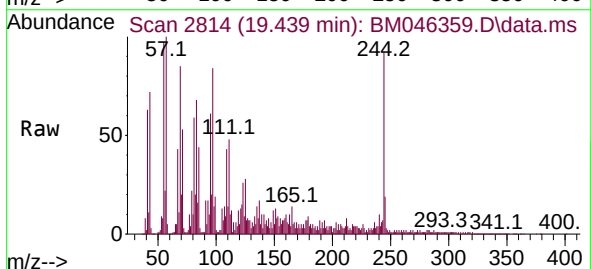
Tgt Ion:244 Resp: 981735

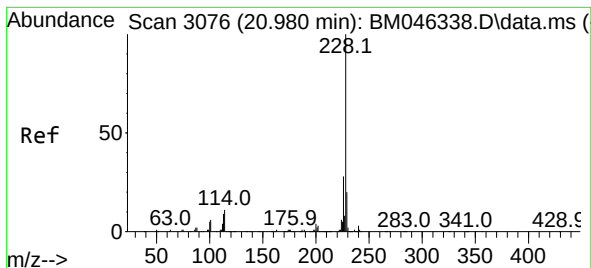
Ion Ratio Lower Upper

244 100

212 9.2 6.5 9.7

122 16.9 9.4 14.0#





#81

Benzo(a)anthracene

Concen: 95.480 ng

RT: 20.992 min Scan# 3077

Delta R.T. 0.012 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Instrument :

BNA_M

ClientSampleId :

VNJ-325

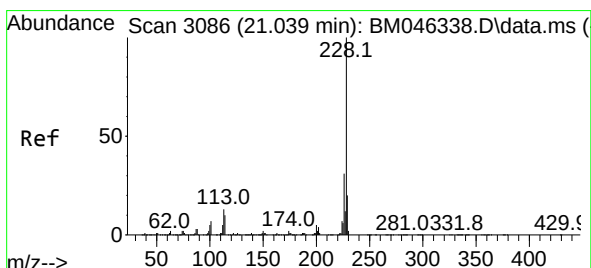
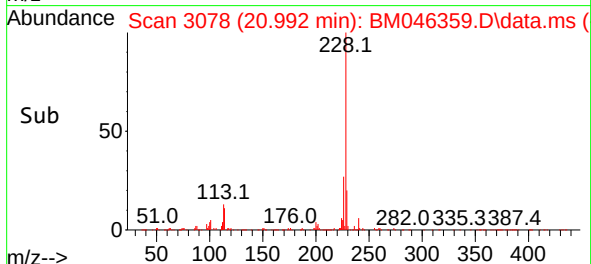
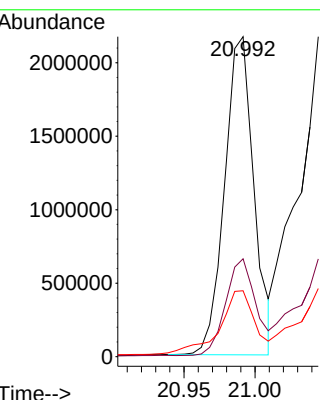
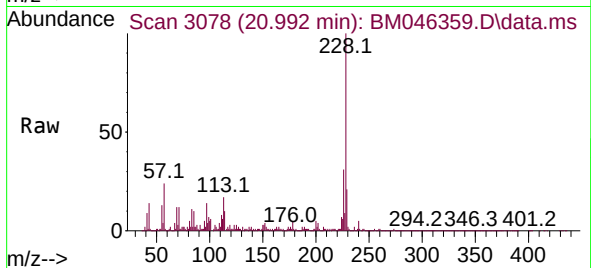
Tgt Ion:228 Resp: 3103091

Ion Ratio Lower Upper

228 100

226 30.6 22.5 33.7

229 20.6 15.9 23.9



#83

Chrysene

Concen: 126.844 ng

RT: 21.044 min Scan# 3087

Delta R.T. 0.005 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

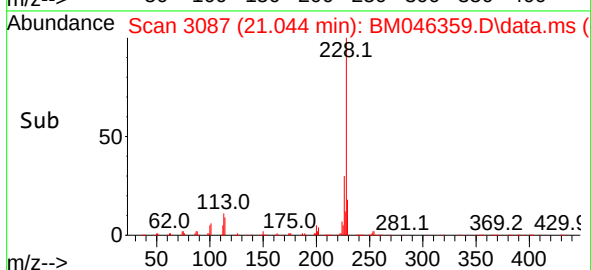
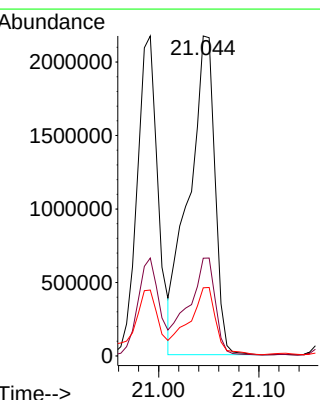
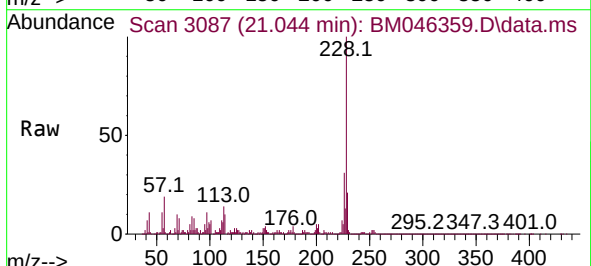
Tgt Ion:228 Resp: 3942584

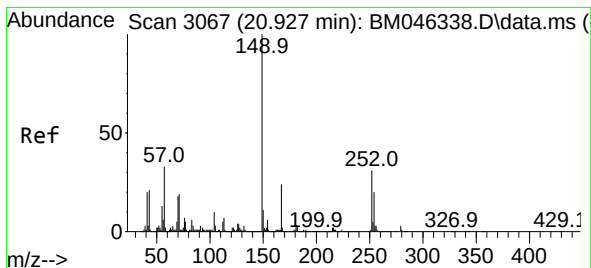
Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 21.3 15.9 23.9

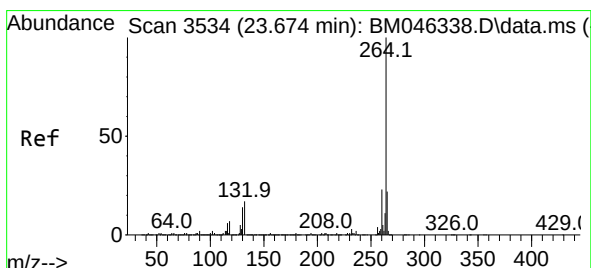
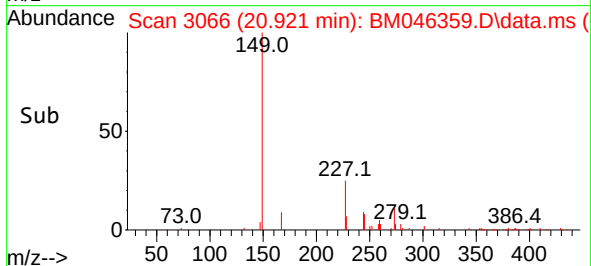
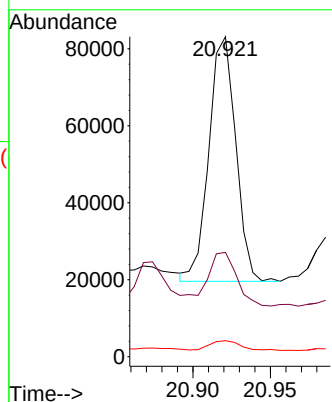
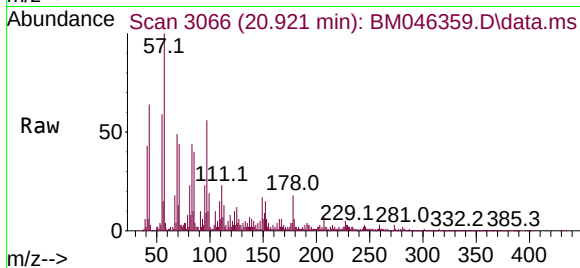




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.071 ng
RT: 20.921 min Scan# 3066
Delta R.T. -0.006 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

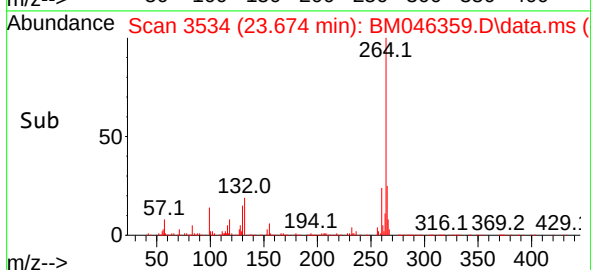
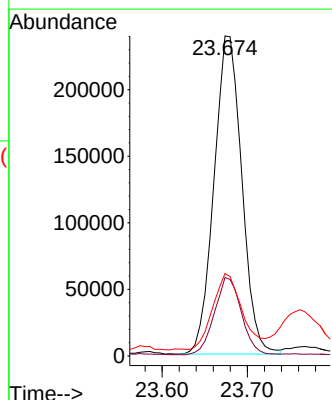
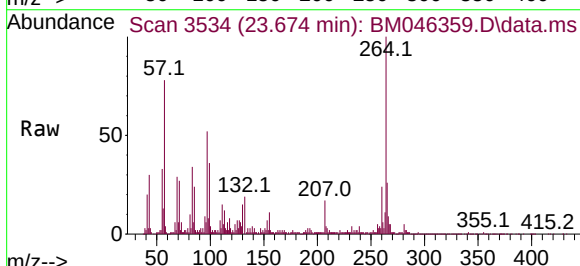
Instrument :
BNA_M
ClientSampleId :
VNJ-325

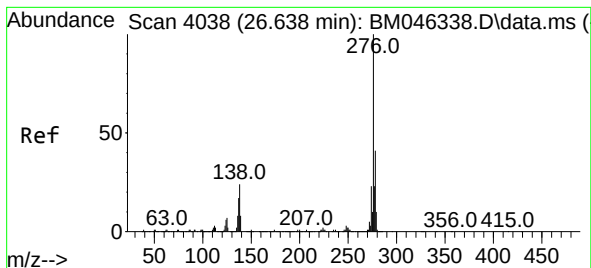
Tgt Ion:149 Resp: 76714
Ion Ratio Lower Upper
149 100
167 32.6 19.6 29.4#
279 5.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 3534
Delta R.T. -0.000 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion:264 Resp: 540807
Ion Ratio Lower Upper
264 100
260 24.5 18.5 27.7
265 25.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.154 ng

RT: 26.632 min Scan# 4038

Delta R.T. -0.006 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Instrument :

BNA_M

ClientSampleId :

VNJ-325

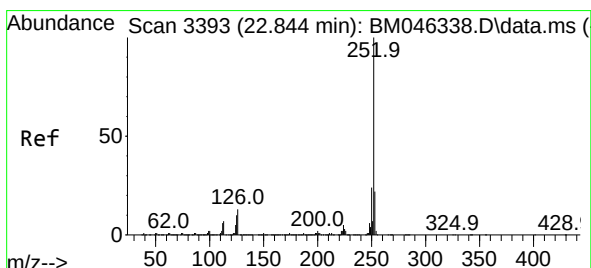
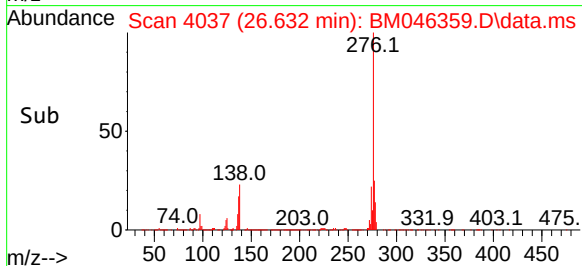
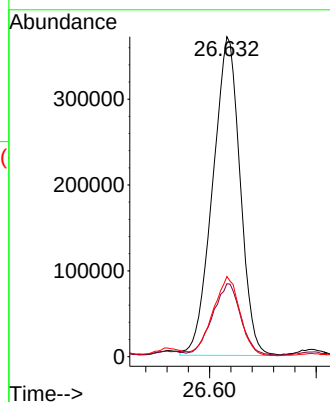
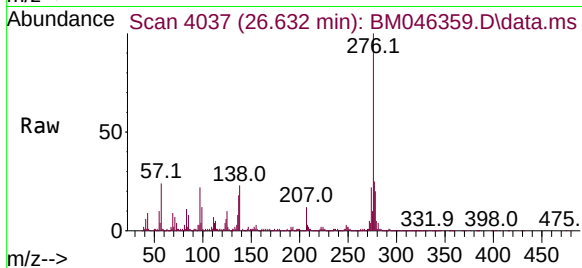
Tgt Ion:276 Resp: 1323397

Ion Ratio Lower Upper

276 100

138 23.2 21.4 32.2

277 24.6 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 169.460 ng

RT: 22.862 min Scan# 3396

Delta R.T. 0.018 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

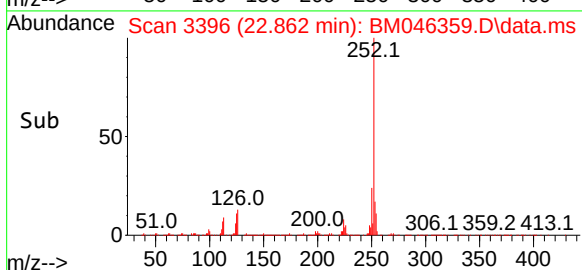
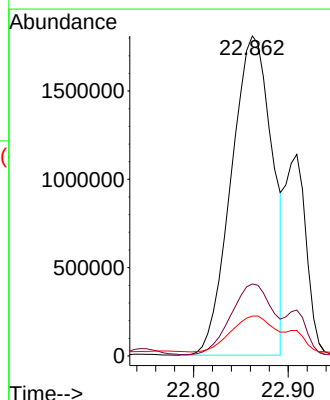
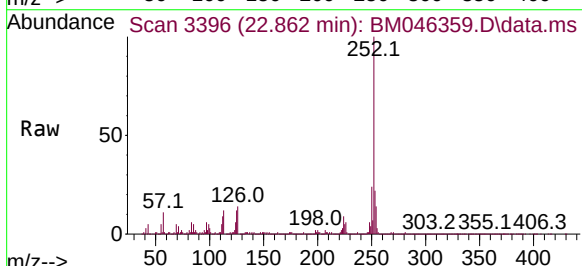
Tgt Ion:252 Resp: 5428140

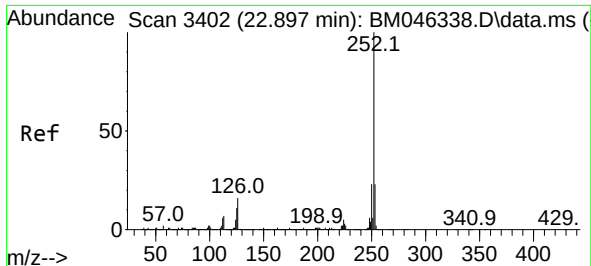
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 12.5 8.4 12.6

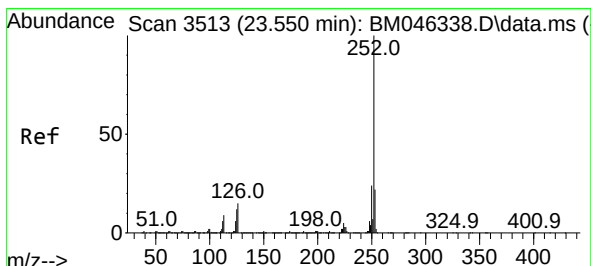
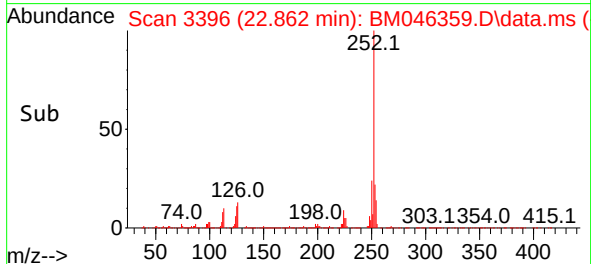
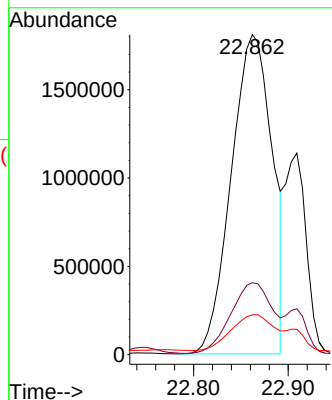
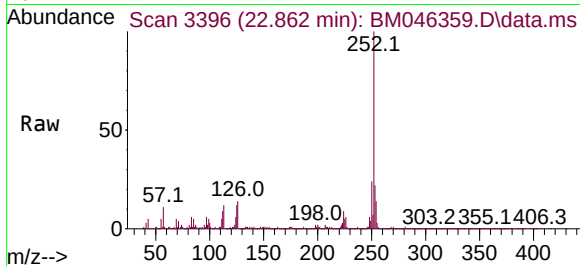




#89
Benzo(k)fluoranthene
Concen: 170.352 ng
RT: 22.862 min Scan# 31
Delta R.T. -0.035 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

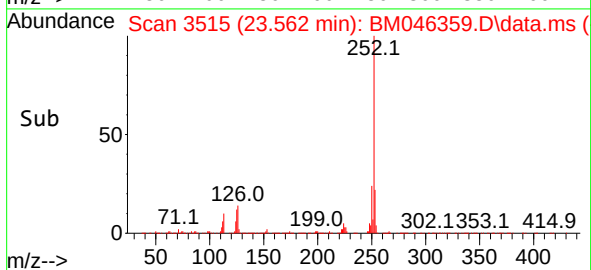
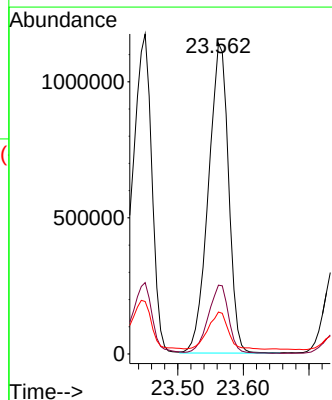
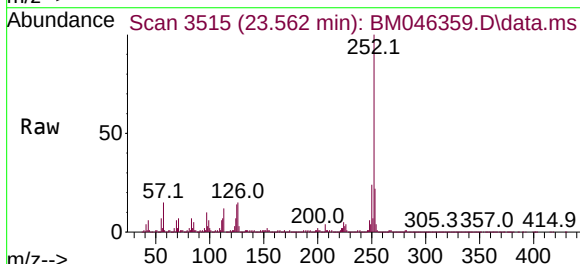
Instrument :
BNA_M
ClientSampleId :
VNJ-325

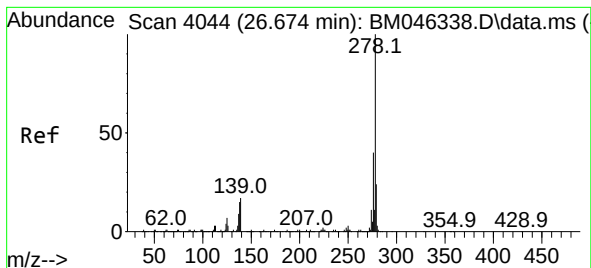
Tgt Ion:252 Resp: 5428140
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 12.5 8.9 13.3



#90
Benzo(a)pyrene
Concen: 86.348 ng
RT: 23.562 min Scan# 3515
Delta R.T. 0.012 min
Lab File: BM046359.D
Acq: 28 Jun 2024 19:23

Tgt Ion:252 Resp: 2429388
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 13.5 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 12.758 ng

RT: 26.656 min Scan# 4041

Delta R.T. -0.018 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Instrument :

BNA_M

ClientSampleId :

VNJ-325

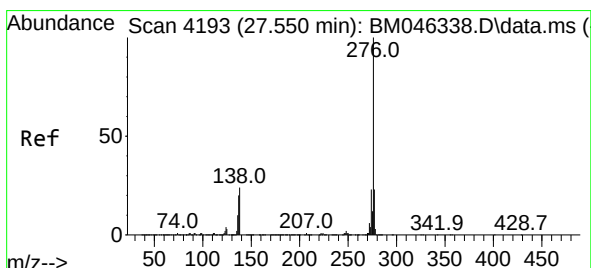
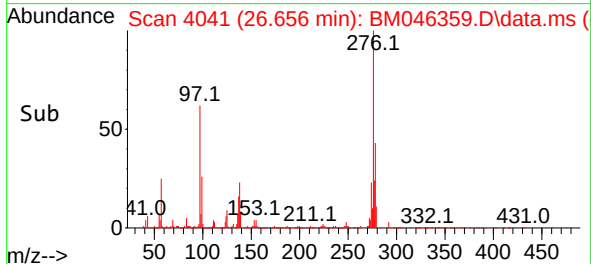
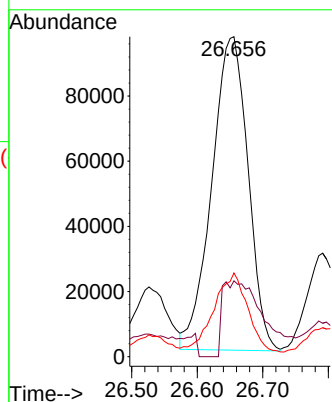
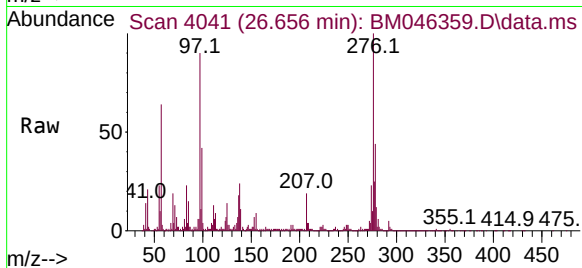
Tgt Ion:278 Resp: 369505

Ion Ratio Lower Upper

278 100

139 23.7 13.7 20.5#

279 26.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 37.001 ng

RT: 27.556 min Scan# 4194

Delta R.T. 0.006 min

Lab File: BM046359.D

Acq: 28 Jun 2024 19:23

Tgt Ion:276 Resp: 1061436

Ion Ratio Lower Upper

276 100

277 24.4 18.5 27.7

138 23.3 19.0 28.4

