

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
 Data File : BP019458.D
 Acq On : 26 Jan 2024 21:18
 Operator : MA/JU
 Sample : P1240-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223

Quant Time: Jan 27 00:18:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 23:43:31 2024
 Response via : Initial Calibration

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

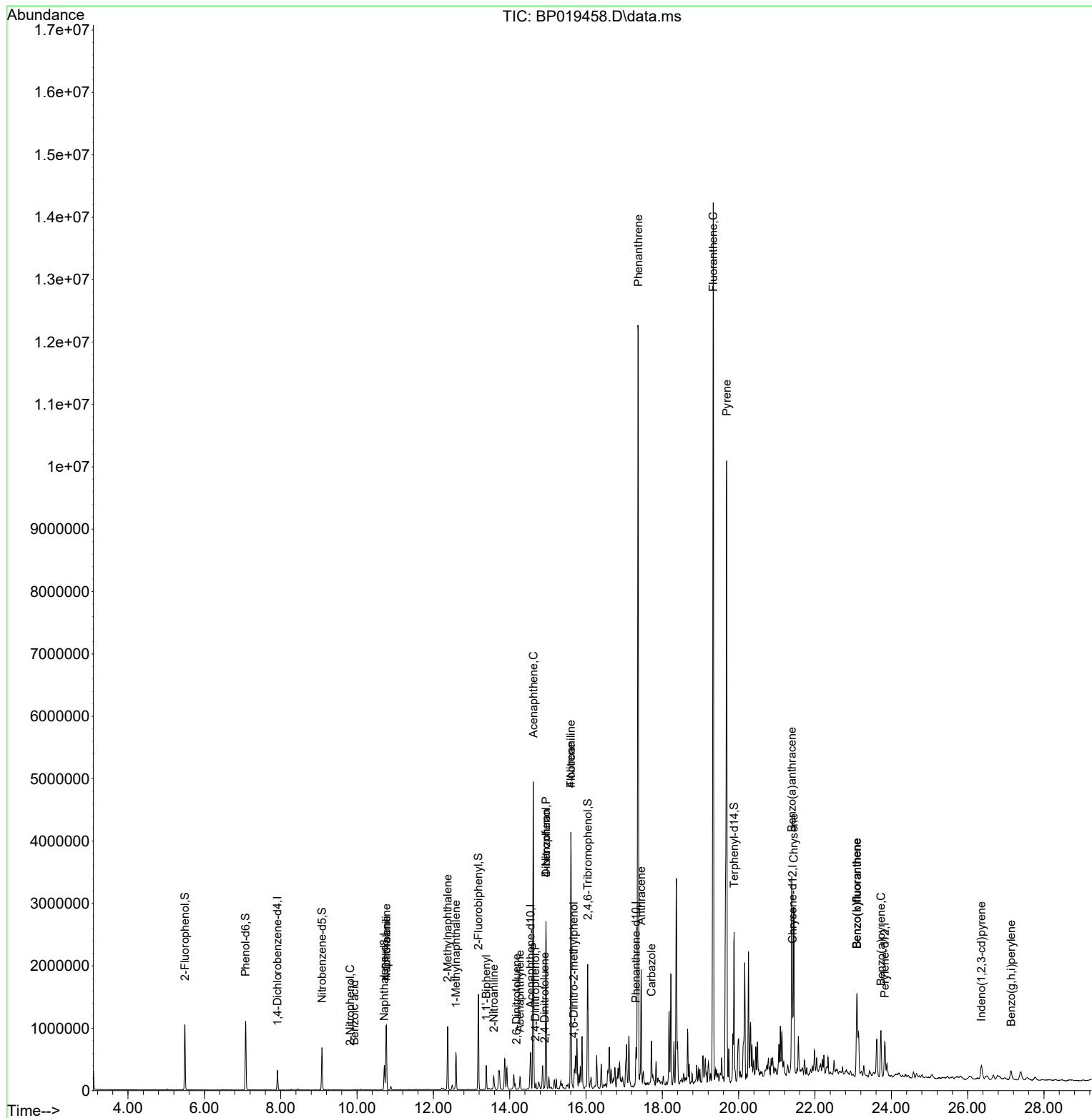
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	77721	20.000	ng	-0.01
21) Naphthalene-d8	10.716	136	308875	20.000	ng	-0.01
39) Acenaphthene-d10	14.551	164	193318	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	405608	20.000	ng	0.00
76) Chrysene-d12	21.410	240	377150	20.000	ng	0.00
86) Perylene-d12	23.833	264	420528	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	400048	80.978	ng	0.00
7) Phenol-d6	7.081	99	558728	76.567	ng	-0.01
23) Nitrobenzene-d5	9.081	82	377016	54.973	ng	-0.02
42) 2,4,6-Tribromophenol	16.045	330	188459	75.278	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	754996	51.764	ng	-0.01
79) Terphenyl-d14	19.880	244	1107768	48.156	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.081	77	1716	Below Cal	#	21
26) 2-Nitrophenol	9.822	139	26	3.089	ng	# 1
31) Naphthalene	10.769	128	796708	45.958	ng	99
32) Benzoic acid	9.934	122	489	7.095	ng	87
33) 4-Chloroaniline	10.769	127	106430	15.185	ng	# 32
37) 2-Methylnaphthalene	12.375	142	444419	35.513	ng	99
38) 1-Methylnaphthalene	12.592	142	256471	20.668	ng	99
46) 1,1'-Biphenyl	13.387	154	174321	11.792	ng	98
48) 2-Nitroaniline	13.587	65	2182	4.628	ng	# 30
49) Acenaphthylene	14.269	152	65119	3.596	ng	# 89
51) 2,6-Dinitrotoluene	14.181	165	110	3.042	ng	# 1
52) Acenaphthene	14.622	154	1825972	162.757	ng	99
54) 2,4-Dinitrophenol	14.675	184	35	2.075	ng	# 1
55) Dibenzofuran	14.951	168	1536066	83.875	ng	97
56) 4-Nitrophenol	14.951	139	640454	242.291	ng	# 1
57) 2,4-Dinitrotoluene	14.916	165	2054	4.120	ng	# 55
58) Fluorene	15.604	166	1812301	119.003	ng	99
62) 4-Nitroaniline	15.604	138	22861	6.744	ng	# 7
65) 4,6-Dinitro-2-methylph...	15.681	198	357	8.268	ng	# 1
71) Phenanthrene	17.369	178	8324067	385.538	ng	99
72) Anthracene	17.445	178	1095173	50.618	ng	99
73) Carbazole	17.716	167	345080	16.483	ng	98
75) Fluoranthene	19.333	202	9041365	322.144	ng	98
78) Pyrene	19.686	202	6687521	245.271	ng	98
81) Benzo(a)anthracene	21.392	228	1672815	61.839	ng	97
83) Chrysene	21.445	228	1513852	59.609	ng	98
87) Indeno(1,2,3-cd)pyrene	26.356	276	249405	9.050	ng	95
88) Benzo(b)fluoranthene	23.098	252	1260418	44.785	ng	99
89) Benzo(k)fluoranthene	23.098	252	1260418	47.089	ng	99
90) Benzo(a)pyrene	23.727	252	607617	25.252	ng	98
92) Benzo(g,h,i)perylene	27.139	276	206466	9.356	ng	98

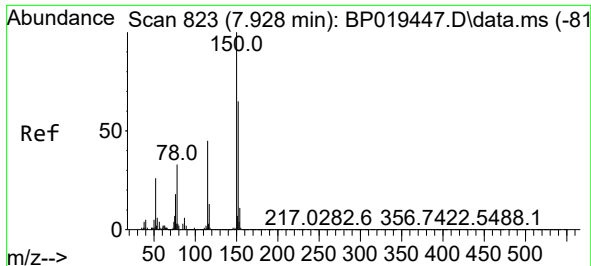
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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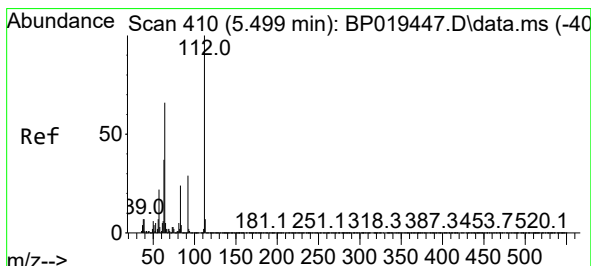
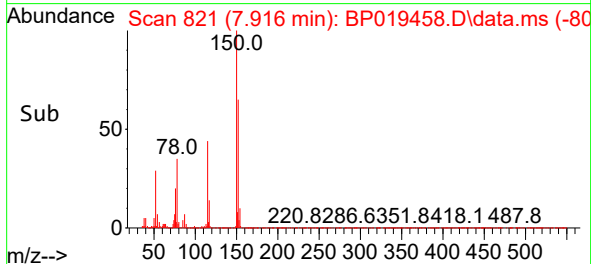
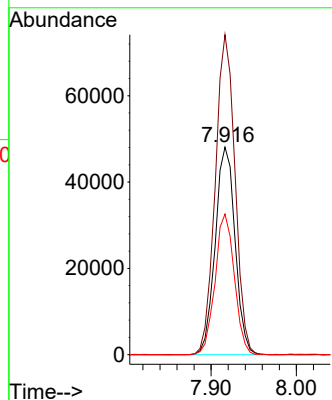
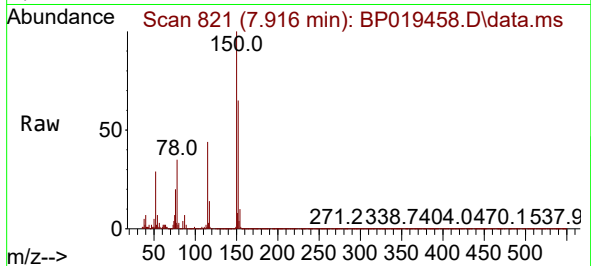




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

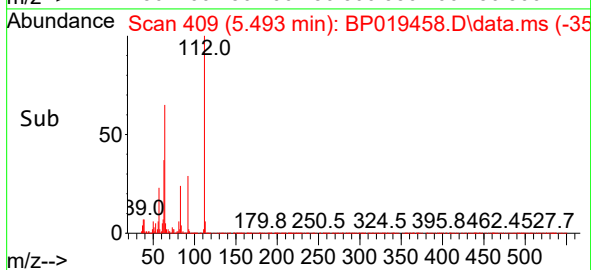
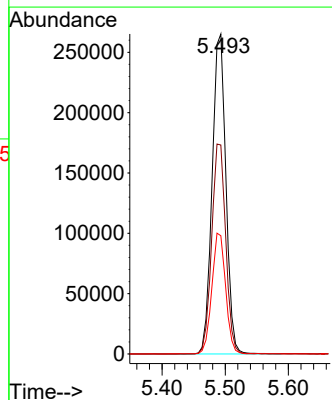
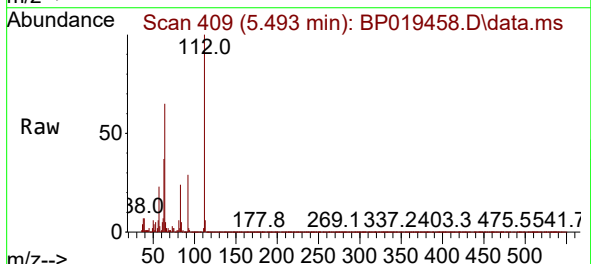
Instrument :
BNA_P
ClientSampleId :
VNJ-223

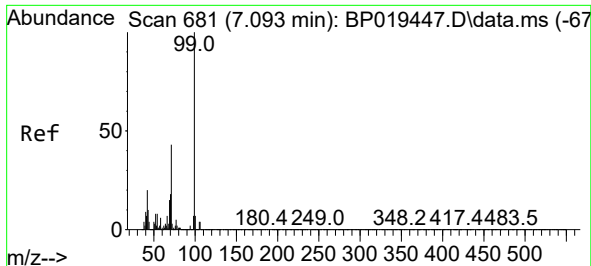
Tgt Ion:152 Resp: 77721
Ion Ratio Lower Upper
152 100
150 154.2 123.5 185.3
115 67.8 55.1 82.7



#5
2-Fluorophenol
Concen: 80.978 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.006 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

Tgt Ion:112 Resp: 400048
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 36.9 29.4 44.0

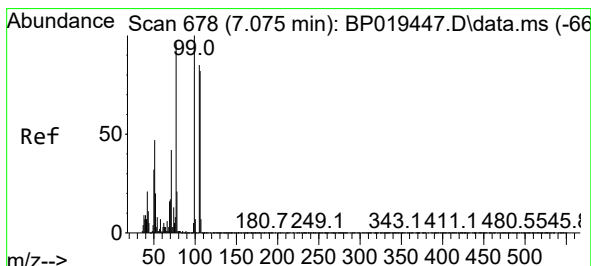
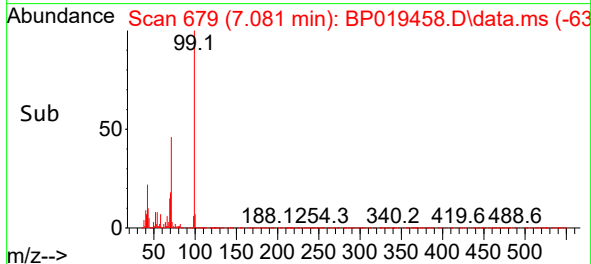
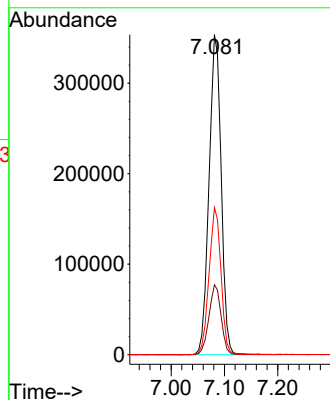
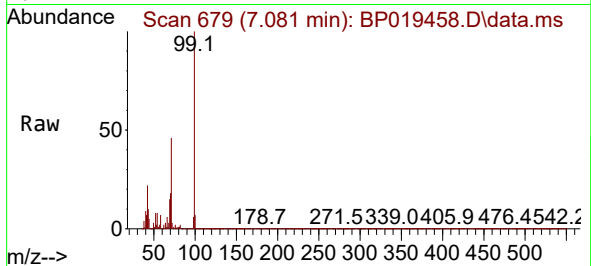




#7
Phenol-d6
Concen: 76.567 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

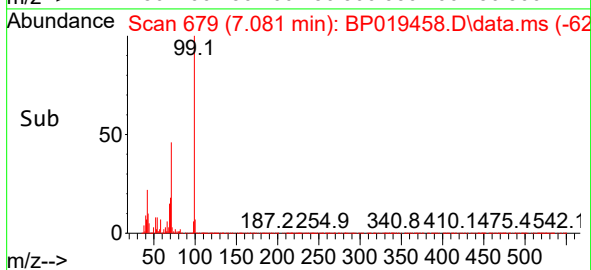
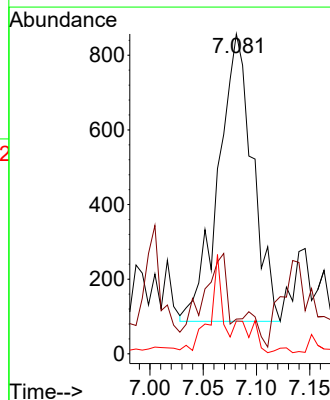
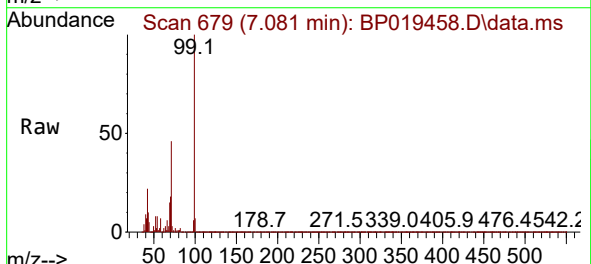
Instrument :
BNA_P
ClientSampleId :
VNJ-223

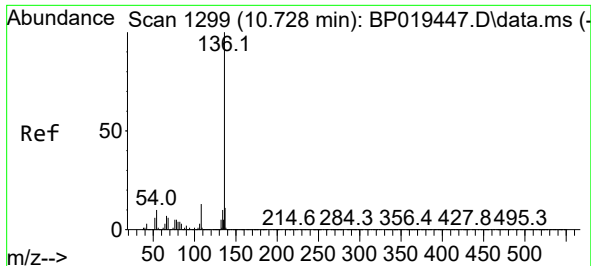
Tgt Ion: 99 Resp: 558728
Ion Ratio Lower Upper
99 100
42 21.9 16.4 24.6
71 46.0 34.6 52.0



#9
Benzaldehyde
Concen: Below Cal
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

Tgt Ion: 77 Resp: 1716
Ion Ratio Lower Upper
77 100
105 10.9 69.0 109.0#
106 16.8 65.1 105.1#

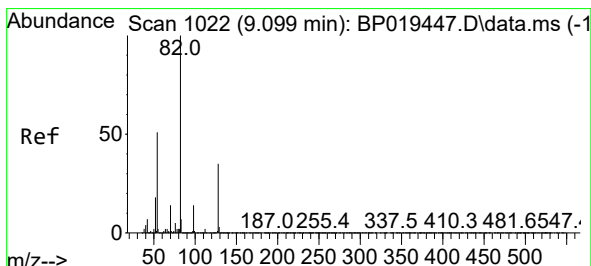
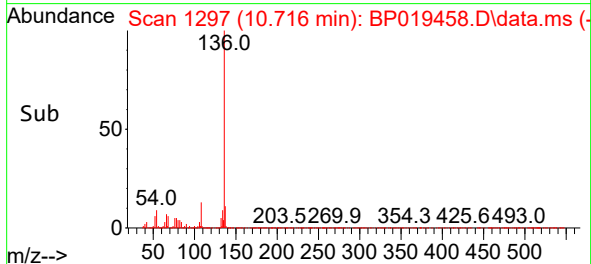
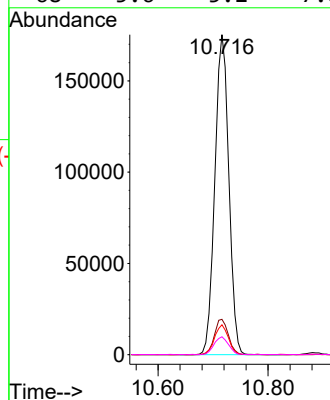
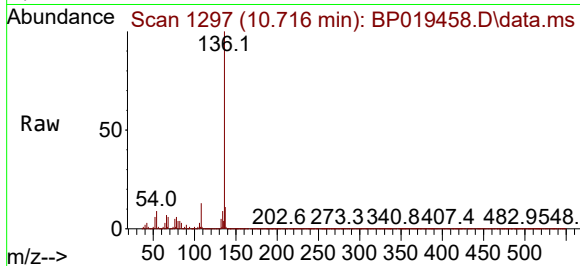




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

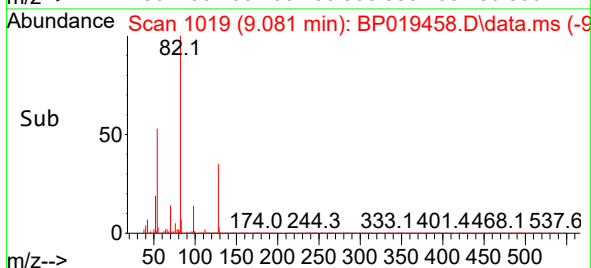
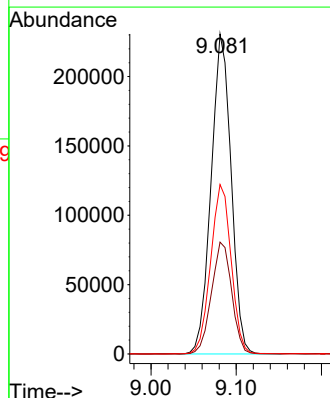
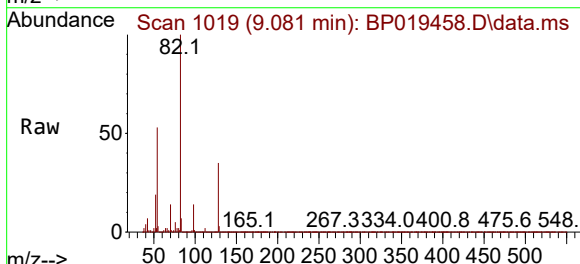
Instrument :
BNA_P
ClientSampleId :
VNJ-223

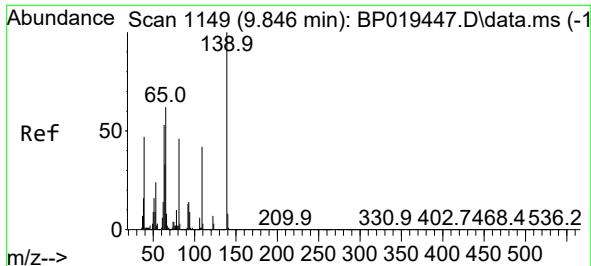
Tgt Ion:	136	Resp:	308875
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.4	7.8	11.6
68	5.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 54.973 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BP019458.D
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Tgt Ion:	82	Resp:	377016
Ion Ratio	Lower	Upper	
82	100		
128	34.9	28.2	42.2
54	52.9	41.1	61.7

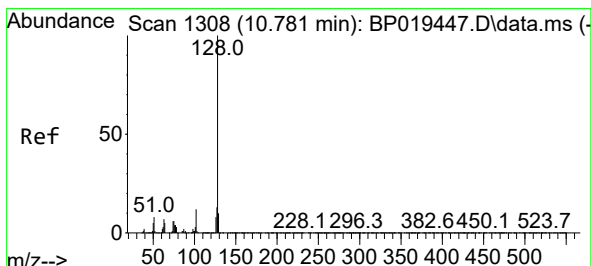
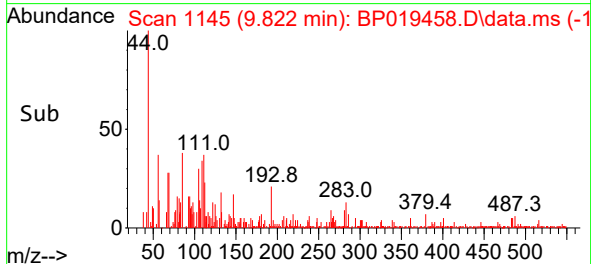
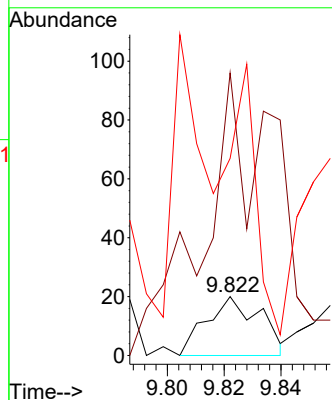
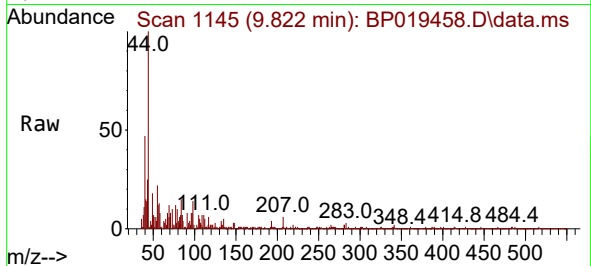




#26
2-Nitrophenol
Concen: 3.089 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.024 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

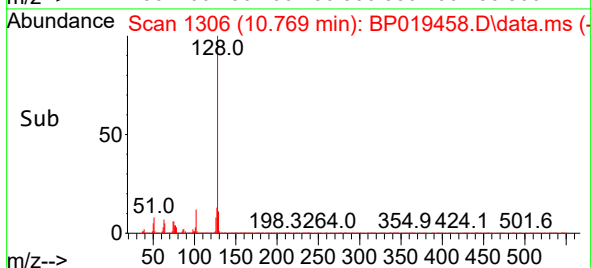
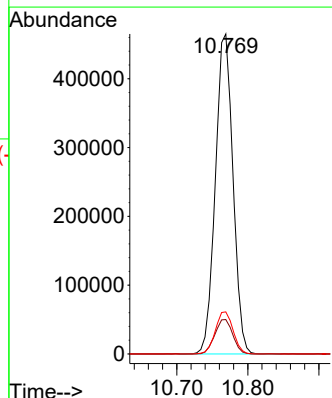
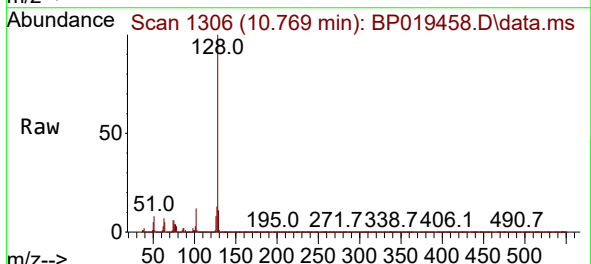
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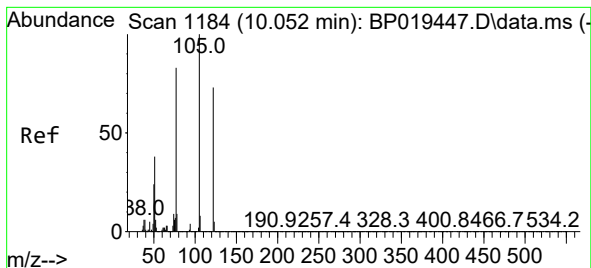
Tgt Ion:139 Resp: 26
Ion Ratio Lower Upper
139 100
109 480.0 33.5 50.3#
65 335.0 49.7 74.5#



#31
Naphthalene
Concen: 45.958 ng
RT: 10.769 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

Tgt Ion:128 Resp: 796708
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.2 10.6 16.0

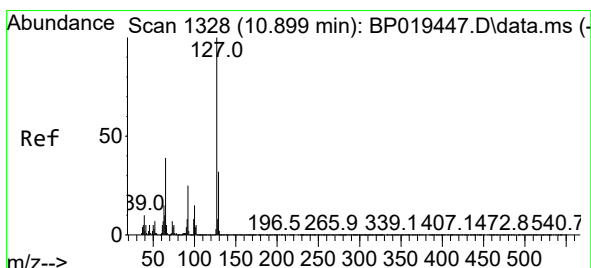
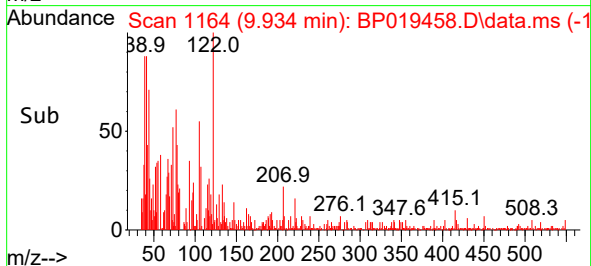
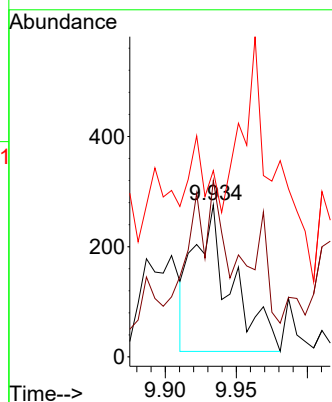
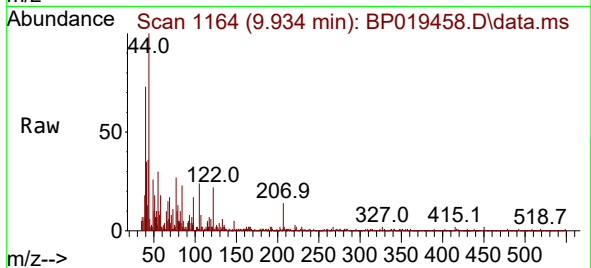




#32
Benzoic acid
Concen: 7.095 ng
RT: 9.934 min Scan# 1184
Delta R.T. -0.118 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

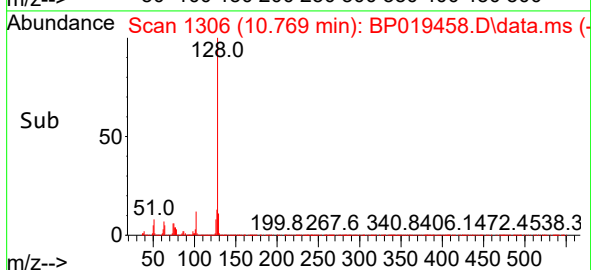
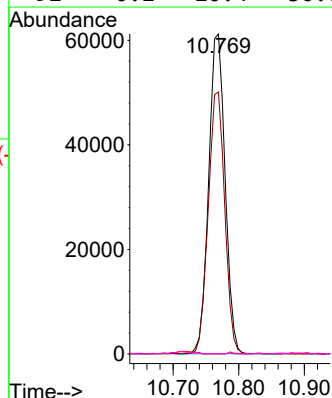
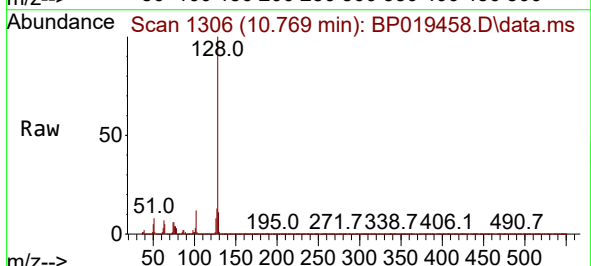
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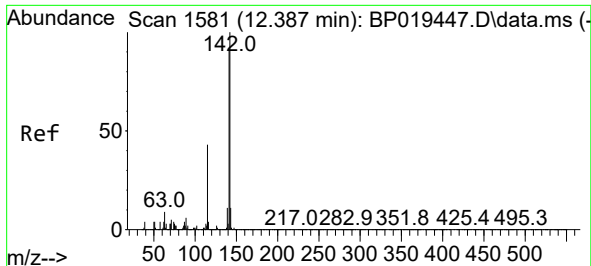
Tgt Ion:122 Resp: 489
Ion Ratio Lower Upper
122 100
105 115.9 115.0 155.0
77 122.5 91.6 131.6



#33
4-Chloroaniline
Concen: 15.185 ng
RT: 10.769 min Scan# 1306
Delta R.T. -0.130 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

Tgt Ion:127 Resp: 106430
Ion Ratio Lower Upper
127 100
129 81.9 25.9 38.9#
65 0.0 30.9 46.3#
92 0.2 20.4 30.6#

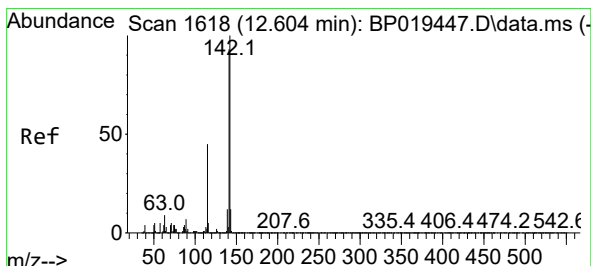
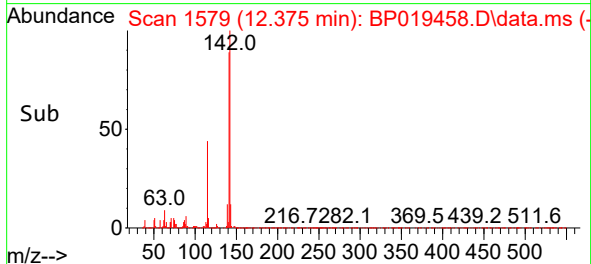
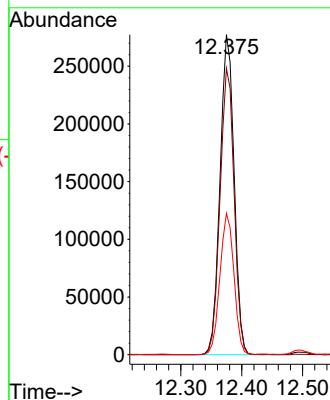
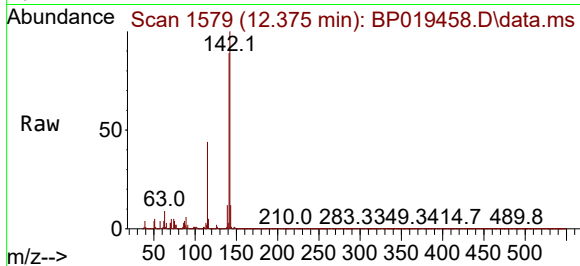




#37
2-Methylnaphthalene
Concen: 35.513 ng
RT: 12.375 min Scan# 11
Delta R.T. -0.012 min
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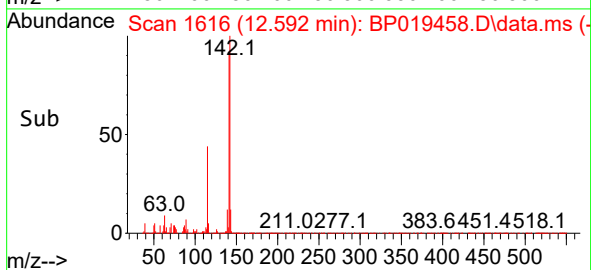
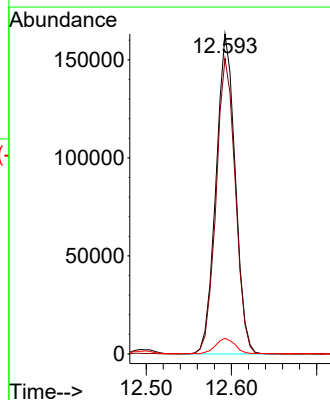
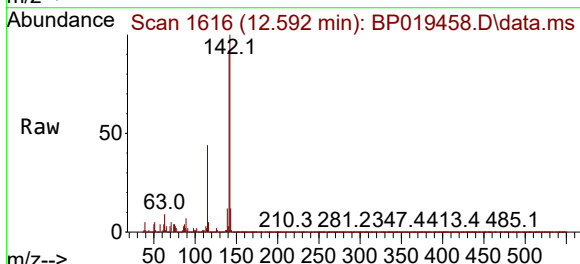
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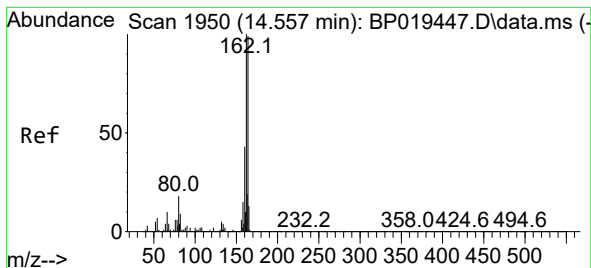
Tgt Ion:142 Resp: 444419
Ion Ratio Lower Upper
142 100
141 89.5 72.5 108.7
115 44.1 34.4 51.6



#38
1-Methylnaphthalene
Concen: 20.668 ng
RT: 12.592 min Scan# 1616
Delta R.T. -0.012 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

Tgt Ion:142 Resp: 256471
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6
116 4.9 3.8 5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

Instrument :

BNA_P

ClientSampleId :

VNJ-223

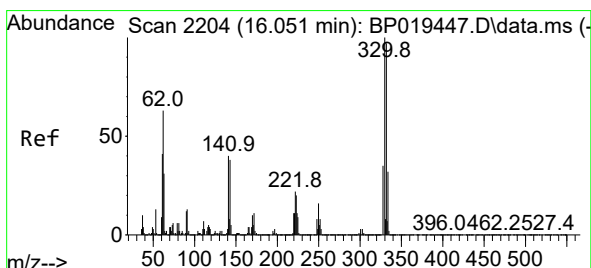
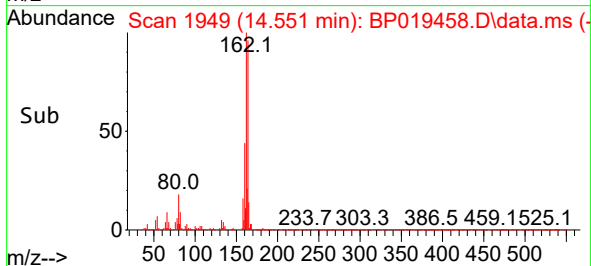
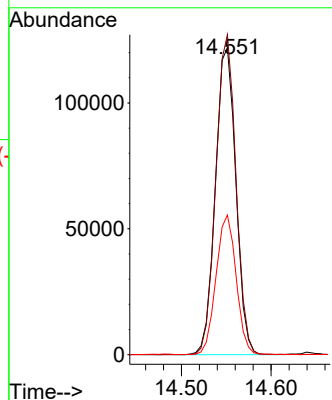
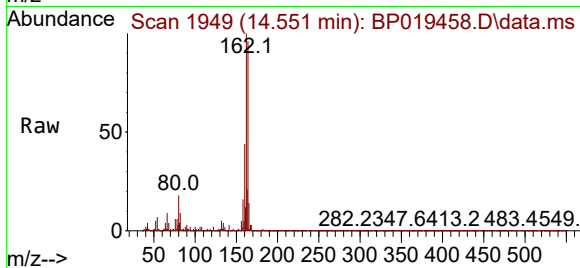
Tgt Ion:164 Resp: 193318

Ion Ratio Lower Upper

164 100

162 104.2 80.8 121.2

160 45.5 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 75.278 ng

RT: 16.045 min Scan# 2203

Delta R.T. -0.006 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

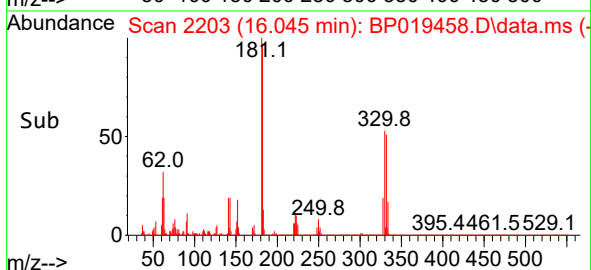
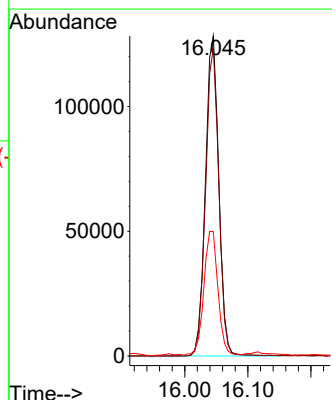
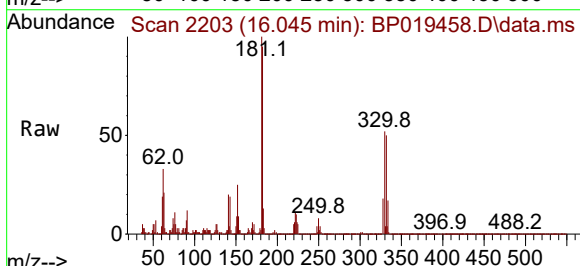
Tgt Ion:330 Resp: 188459

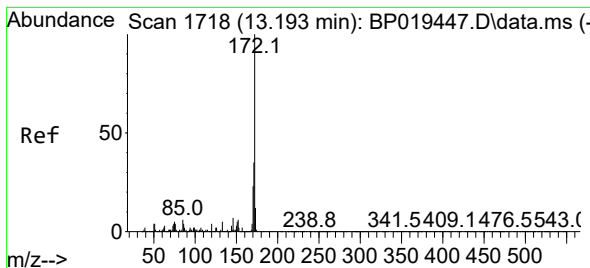
Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

141 40.6 30.9 46.3





#45

2-Fluorobiphenyl

Concen: 51.764 ng

RT: 13.181 min Scan# 1716

Delta R.T. -0.012 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

Instrument :

BNA_P

ClientSampleId :

VNJ-223

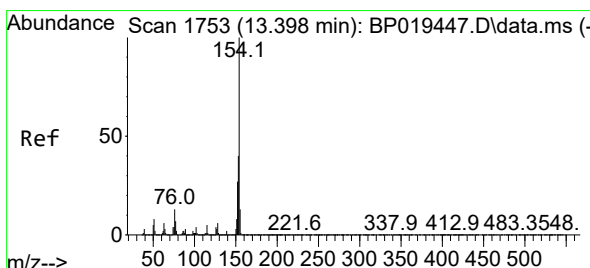
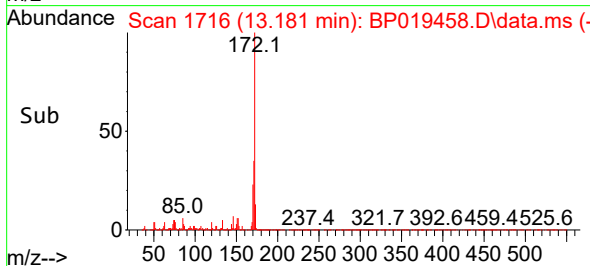
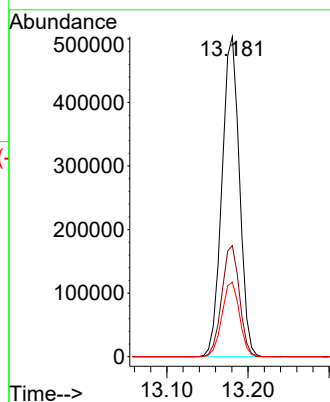
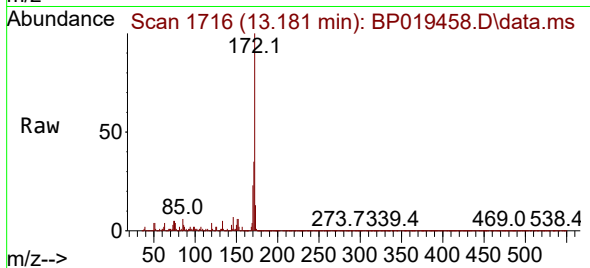
Tgt Ion:172 Resp: 754996

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 11.792 ng

RT: 13.387 min Scan# 1751

Delta R.T. -0.012 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

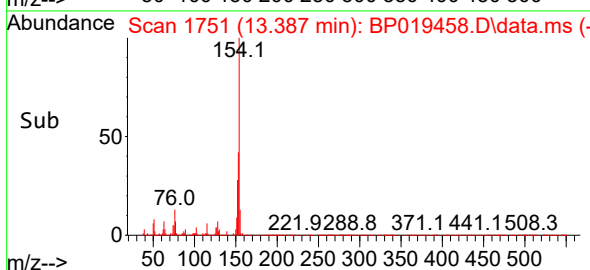
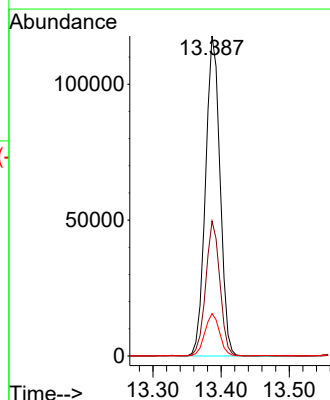
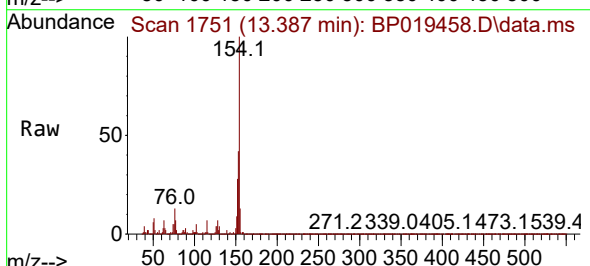
Tgt Ion:154 Resp: 174321

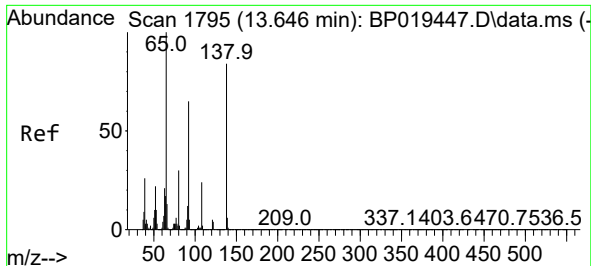
Ion Ratio Lower Upper

154 100

153 42.1 20.3 60.3

76 13.3 0.0 33.3

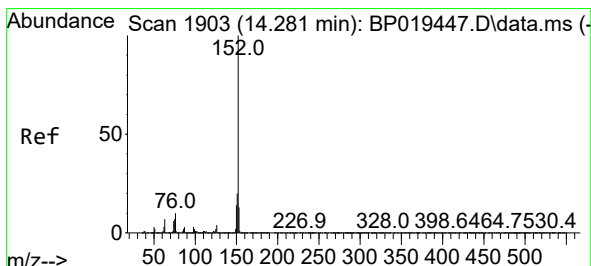
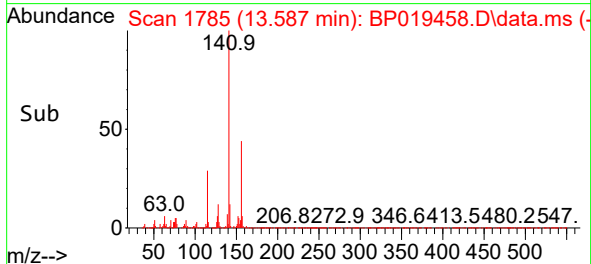
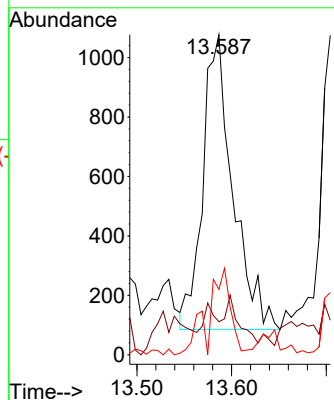
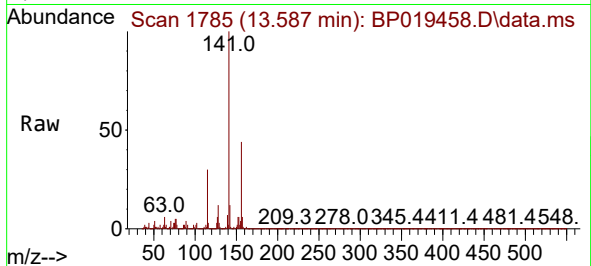




#48
2-Nitroaniline
Concen: 4.628 ng
RT: 13.587 min Scan# 11
Delta R.T. -0.059 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

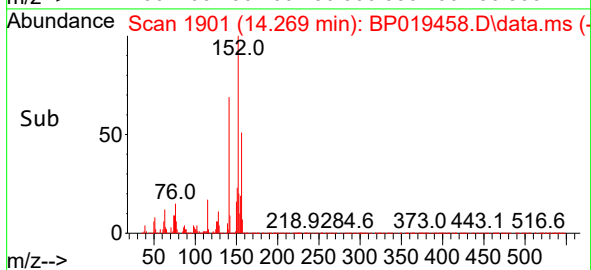
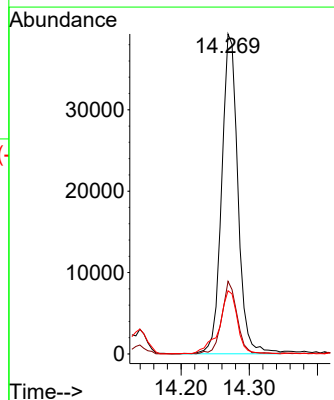
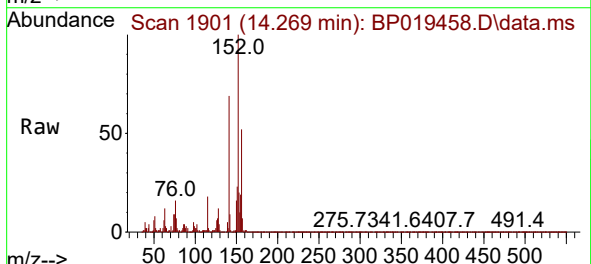
Instrument :
BNA_P
ClientSampleId :
VNJ-223

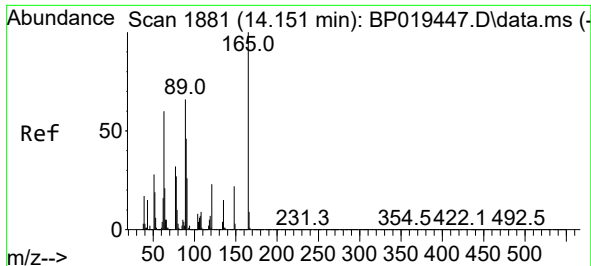
Tgt Ion: 65 Resp: 2182
Ion Ratio Lower Upper
65 100
92 10.3 51.9 77.9#
138 20.4 67.0 100.6#



#49
Acenaphthylene
Concen: 3.596 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

Tgt Ion:152 Resp: 65119
Ion Ratio Lower Upper
152 100
151 22.7 15.8 23.6
153 19.8 10.5 15.7#

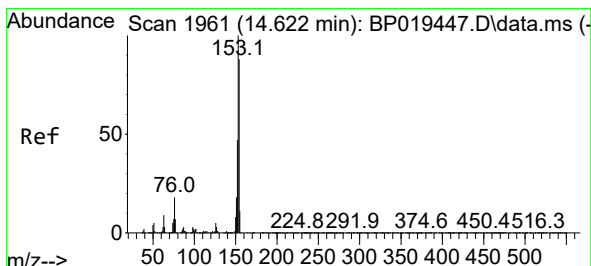
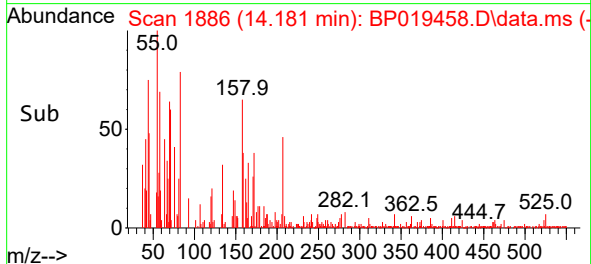
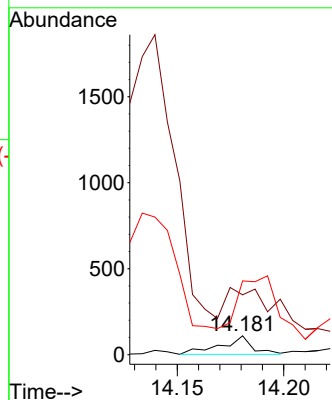
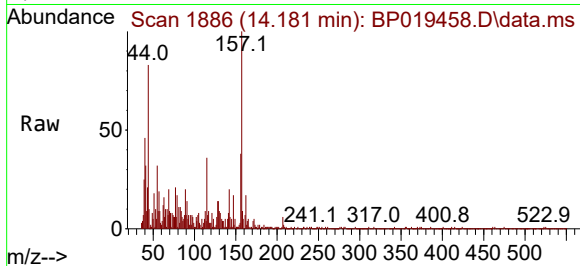




#51
2,6-Dinitrotoluene
Concen: 3.042 ng
RT: 14.181 min Scan# 1881
Delta R.T. 0.030 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

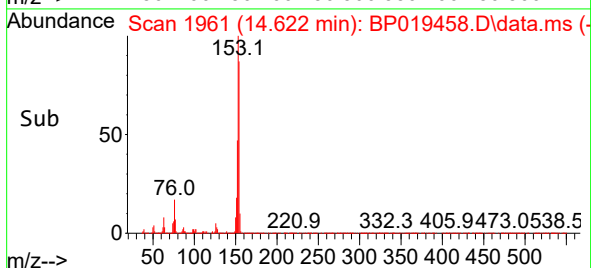
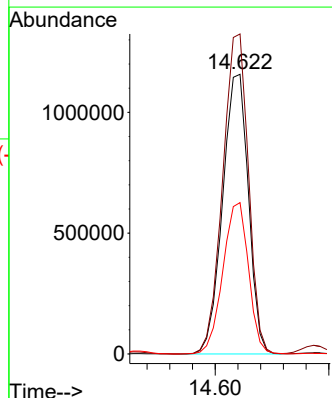
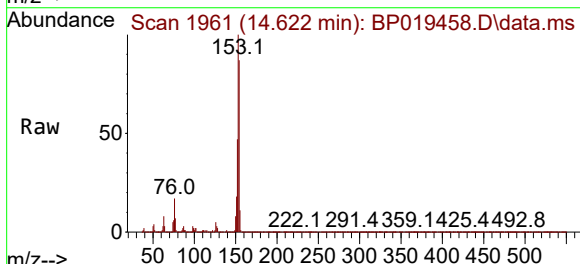
Instrument :
BNA_P
ClientSampleId :
VNJ-223

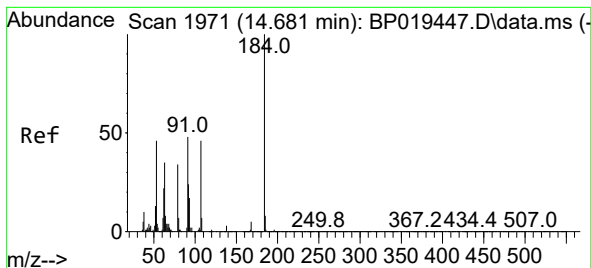
Tgt Ion:165 Resp: 110
Ion Ratio Lower Upper
165 100
63 316.4 55.6 83.4#
89 390.0 53.0 79.6#



#52
Acenaphthene
Concen: 162.757 ng
RT: 14.622 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

Tgt Ion:154 Resp: 1825972
Ion Ratio Lower Upper
154 100
153 114.4 91.0 136.6
152 54.1 42.6 63.8

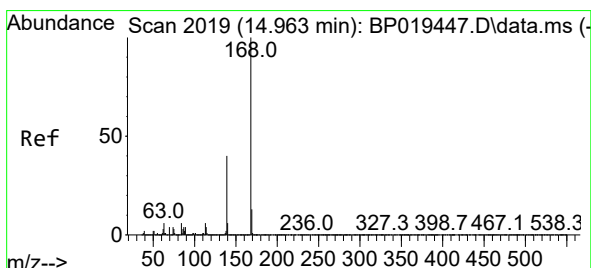
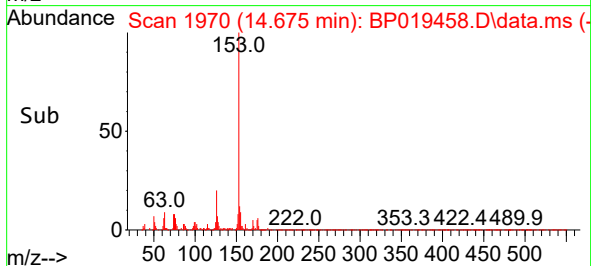
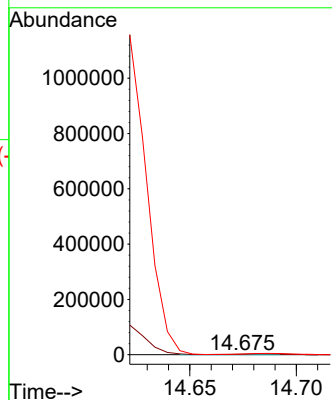
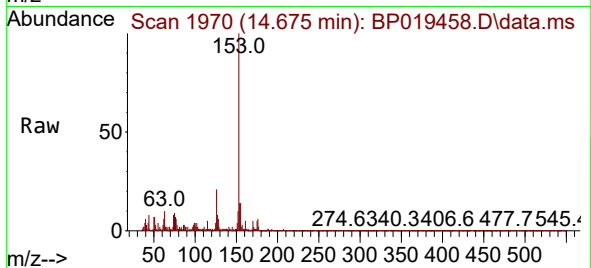




#54
2,4-Dinitrophenol
Concen: 2.075 ng
RT: 14.675 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

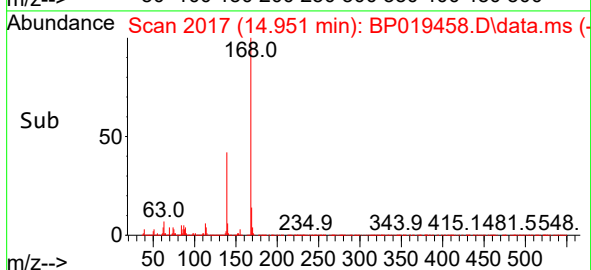
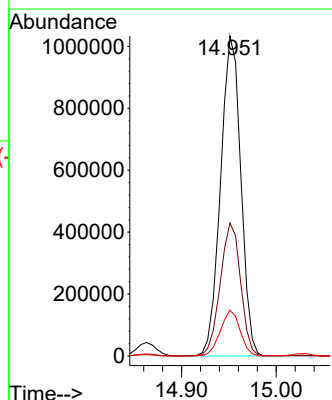
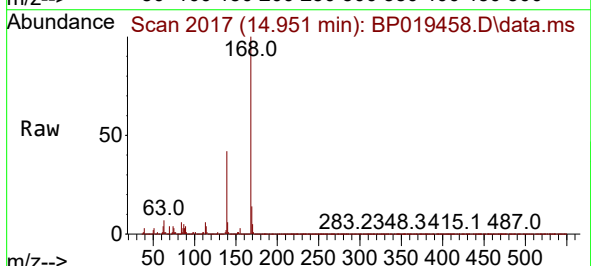
Instrument :
BNA_P
ClientSampleId :
VNJ-223

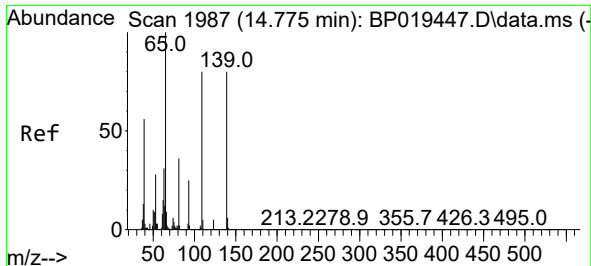
Tgt Ion:184 Resp: 35
Ion Ratio Lower Upper
184 100
63 5188.2 54.3 81.5#
154 7494.1 51.1 76.7#



#55
Dibenzofuran
Concen: 83.875 ng
RT: 14.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

Tgt Ion:168 Resp: 1536066
Ion Ratio Lower Upper
168 100
139 41.6 32.0 48.0
169 14.3 10.2 15.4

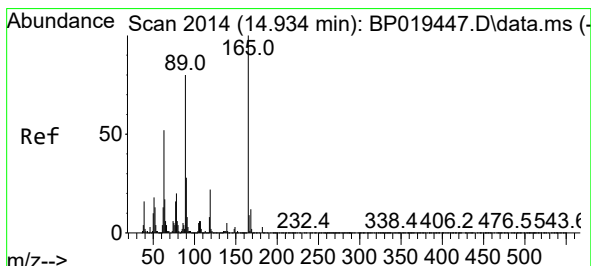
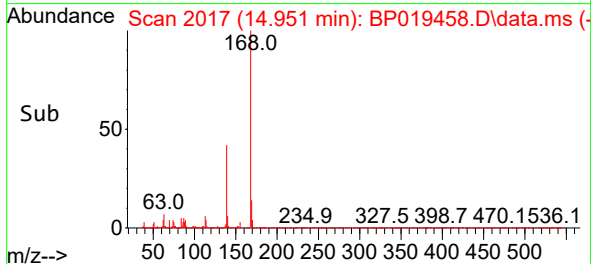
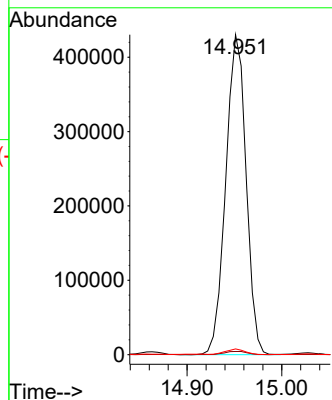
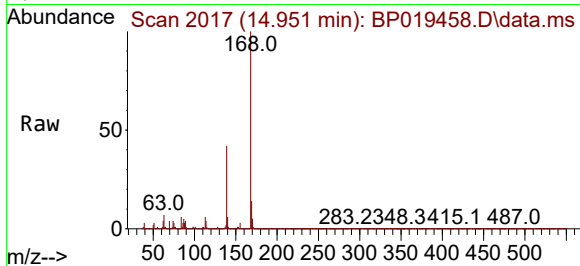




#56
4-Nitrophenol
Concen: 242.291 ng
RT: 14.951 min Scan# 2011
Delta R.T. 0.176 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

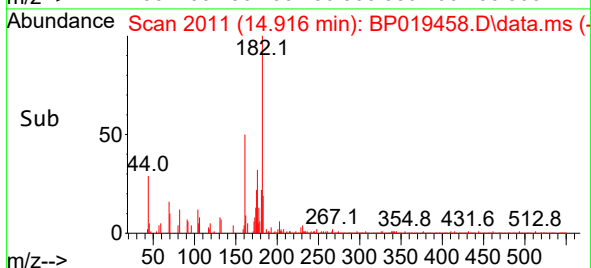
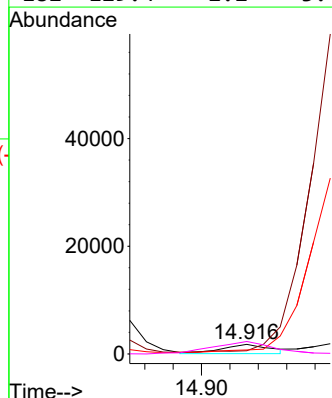
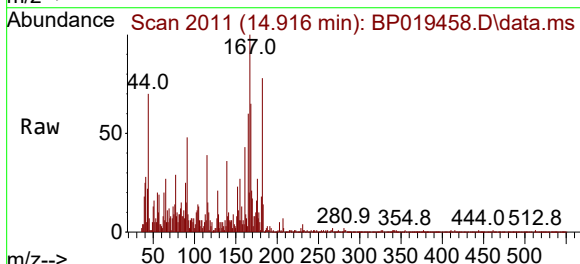
Instrument :
BNA_P
ClientSampleId :
VNJ-223

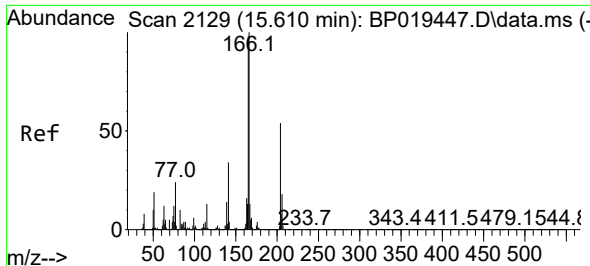
Tgt Ion:139 Resp: 640454
Ion Ratio Lower Upper
139 100
109 1.0 80.4 120.4#
65 1.8 105.5 145.5#



#57
2,4-Dinitrotoluene
Concen: 4.120 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.018 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

Tgt Ion:165 Resp: 2054
Ion Ratio Lower Upper
165 100
63 32.6 41.4 62.0#
89 40.9 64.2 96.4#
182 129.4 2.2 3.4#

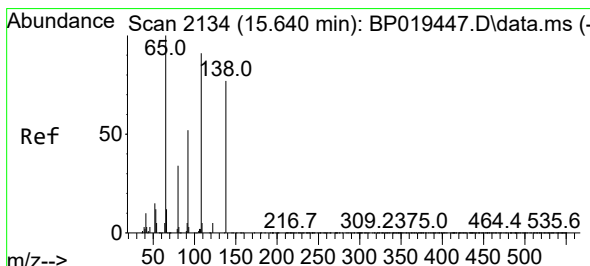
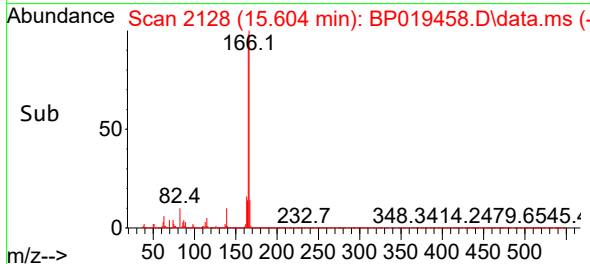
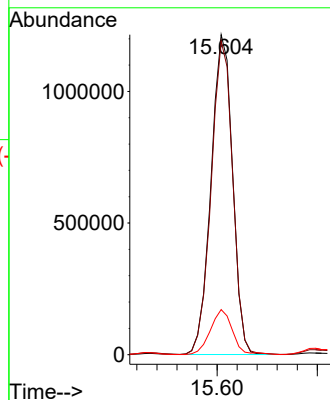
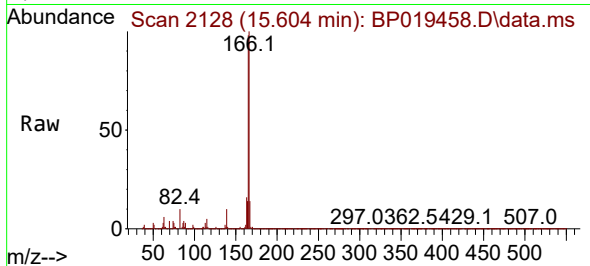




#58
Fluorene
Concen: 119.003 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

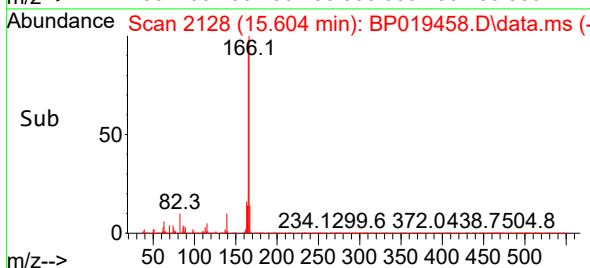
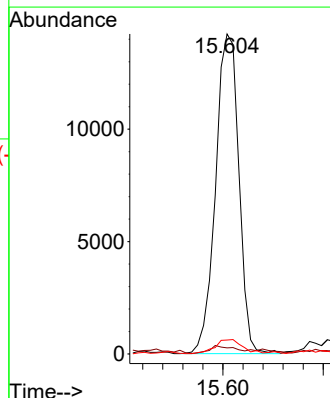
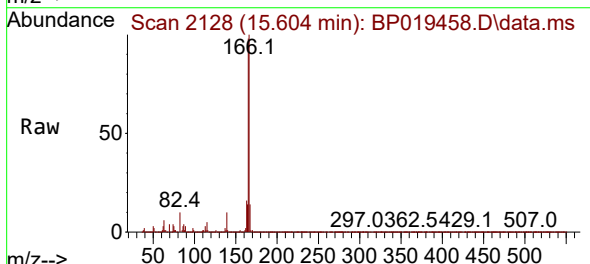
Instrument :
BNA_P
ClientSampleId :
VNJ-223

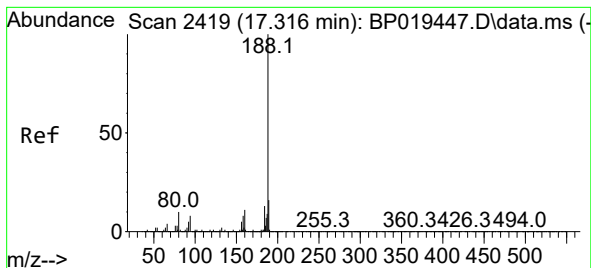
Tgt Ion:166 Resp: 1812301
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 14.1 10.7 16.1



#62
4-Nitroaniline
Concen: 6.744 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.035 min
Lab File: BP019458.D
Acq: 26 Jan 2024 21:18

Tgt Ion:138 Resp: 22861
Ion Ratio Lower Upper
138 100
92 1.9 45.3 85.3#
108 4.4 90.2 130.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

Instrument :

BNA_P

ClientSampleId :

VNJ-223

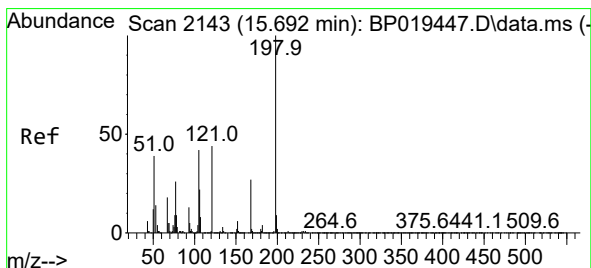
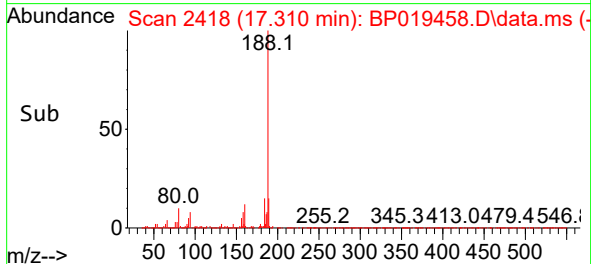
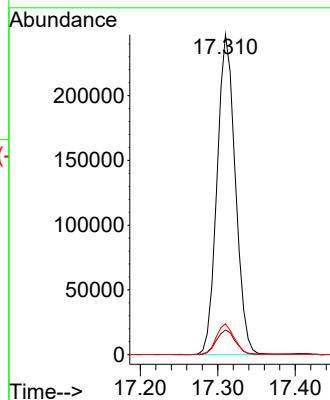
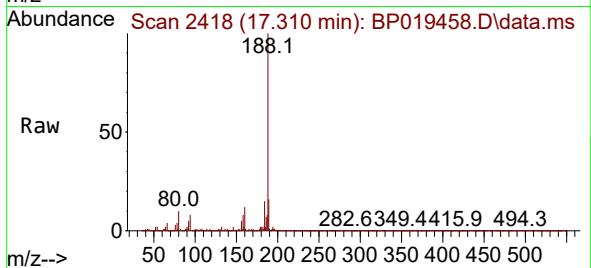
Tgt Ion:188 Resp: 405608

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.2

80 9.6 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.268 ng

RT: 15.681 min Scan# 2141

Delta R.T. -0.011 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

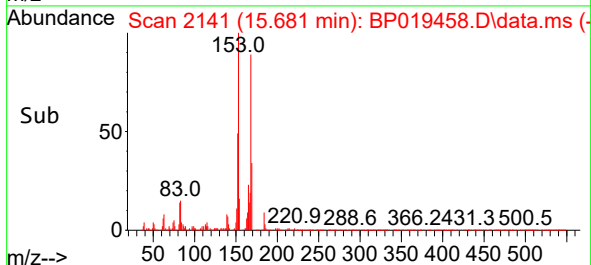
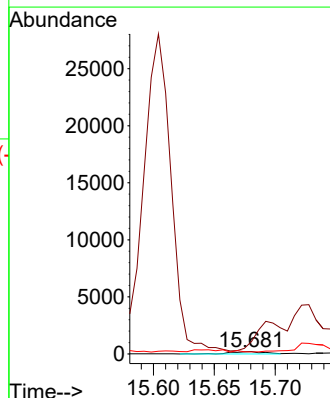
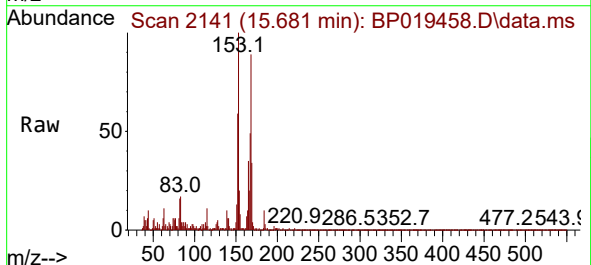
Tgt Ion:198 Resp: 357

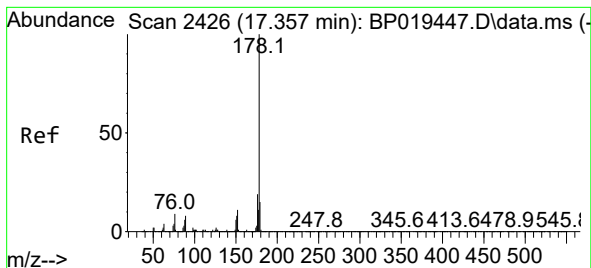
Ion Ratio Lower Upper

198 100

51 523.4 32.3 72.3#

105 88.5 24.1 64.1#





#71

Phenanthrene

Concen: 385.538 ng

RT: 17.369 min Scan# 2426

Delta R.T. 0.012 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

Instrument :

BNA_P

ClientSampleId :

VNJ-223

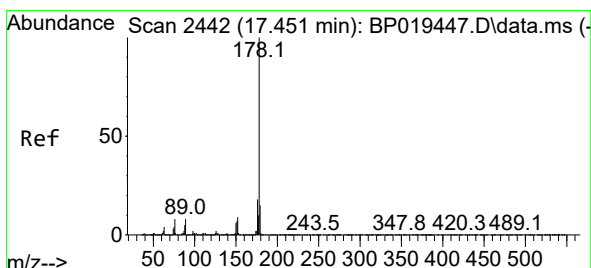
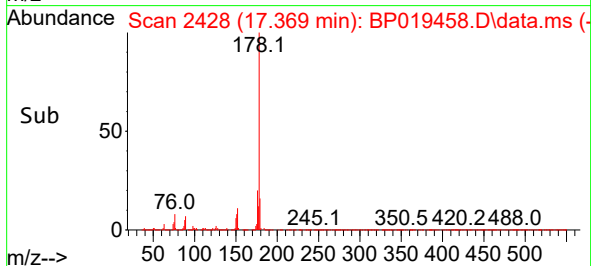
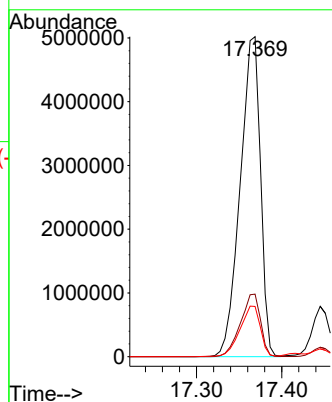
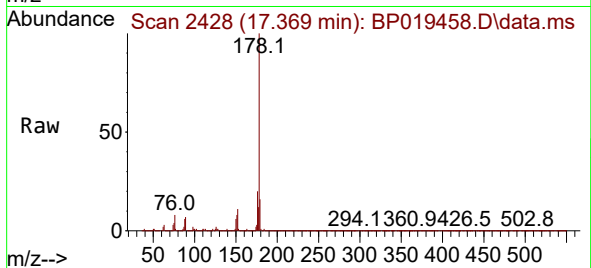
Tgt Ion:178 Resp: 8324067

Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

179 15.7 12.2 18.4



#72

Anthracene

Concen: 50.618 ng

RT: 17.445 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

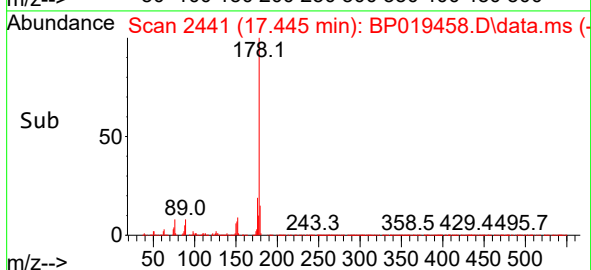
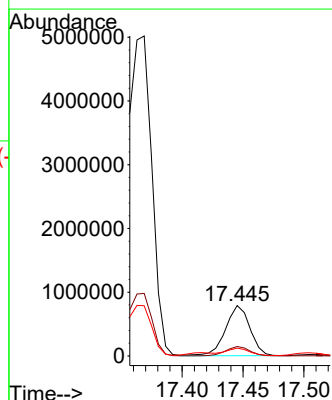
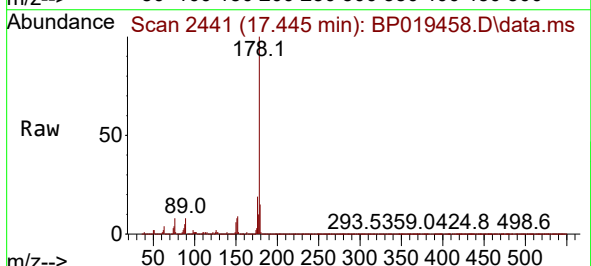
Tgt Ion:178 Resp: 1095173

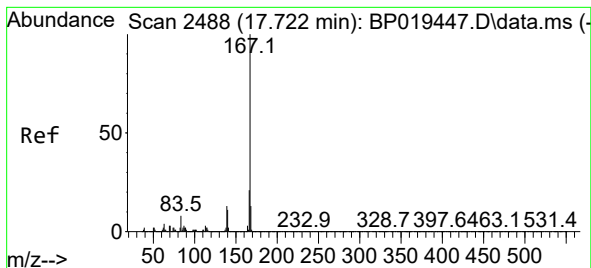
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.4 12.2 18.2





#73

Carbazole

Concen: 16.483 ng

RT: 17.716 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

Instrument :

BNA_P

ClientSampleId :

VNJ-223

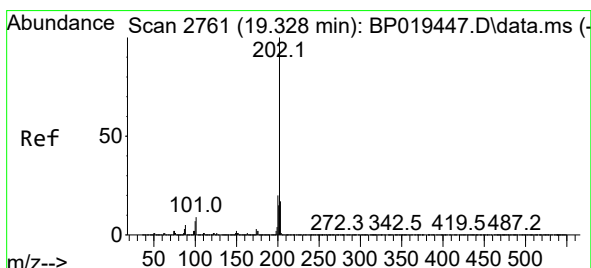
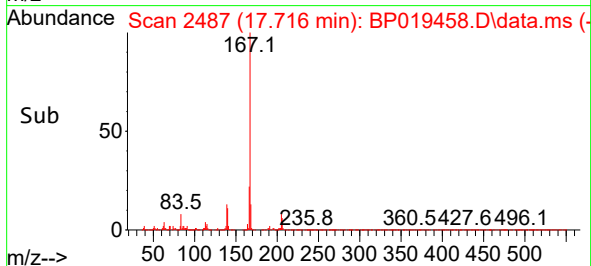
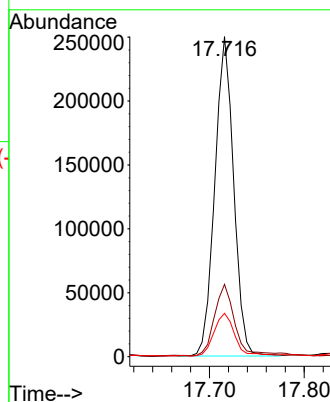
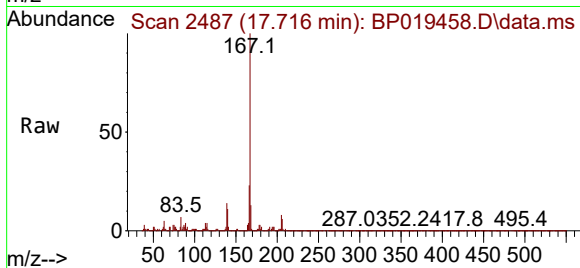
Tgt Ion:167 Resp: 345080

Ion Ratio Lower Upper

167 100

166 22.6 17.1 25.7

139 13.5 10.8 16.2



#75

Fluoranthene

Concen: 322.144 ng

RT: 19.333 min Scan# 2762

Delta R.T. 0.006 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

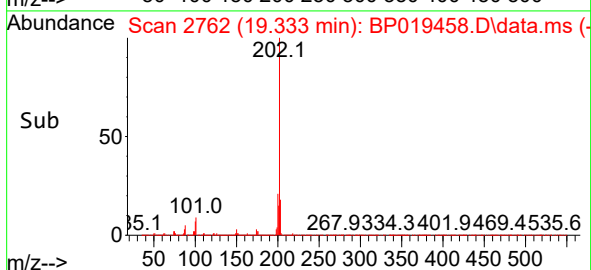
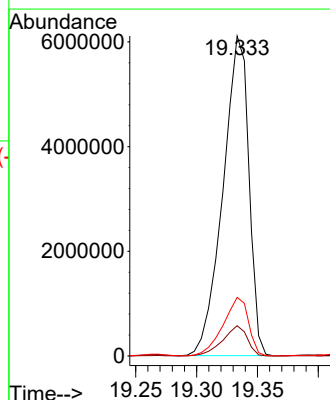
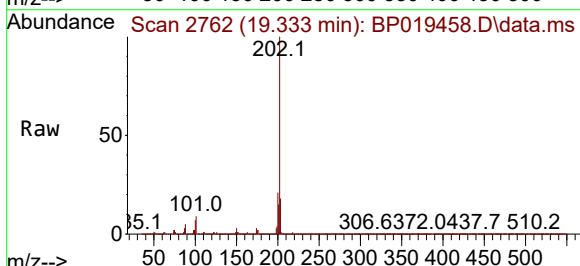
Tgt Ion:202 Resp: 9041365

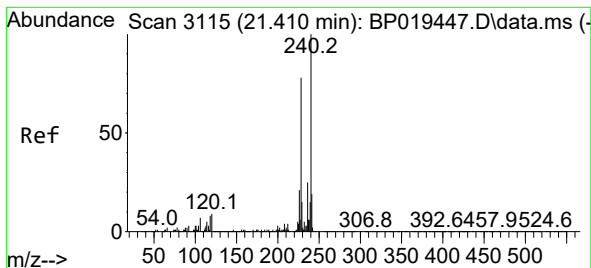
Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.1

203 18.3 0.0 37.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

Instrument :

BNA_P

ClientSampleId :

VNJ-223

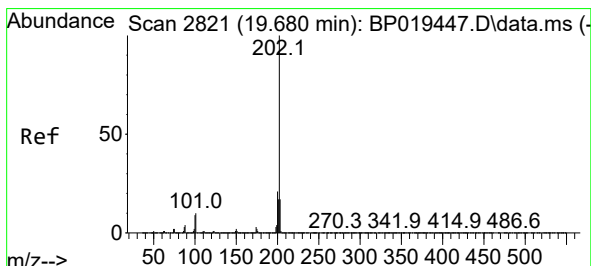
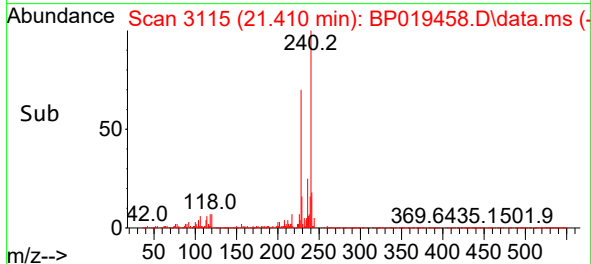
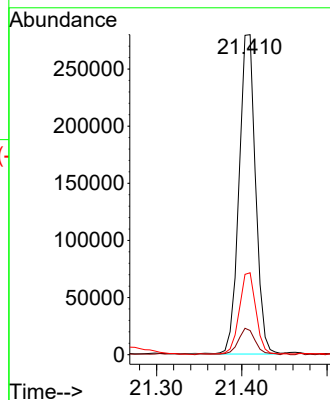
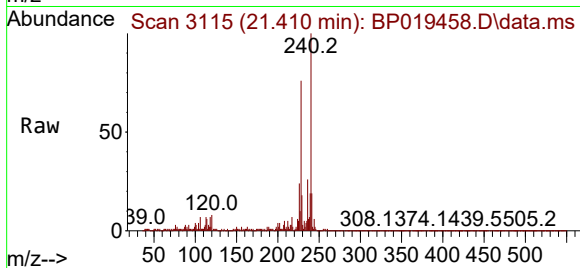
Tgt Ion:240 Resp: 377150

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

236 25.6 19.8 29.8



#78

Pyrene

Concen: 245.271 ng

RT: 19.686 min Scan# 2822

Delta R.T. 0.006 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

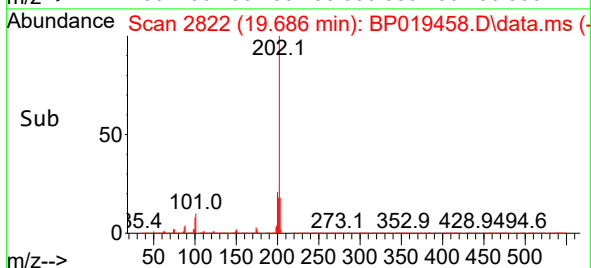
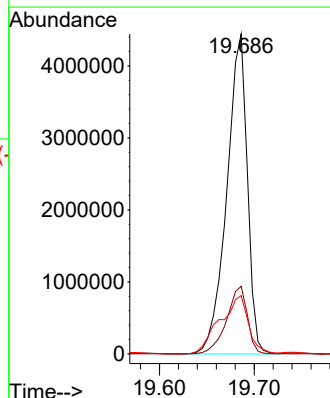
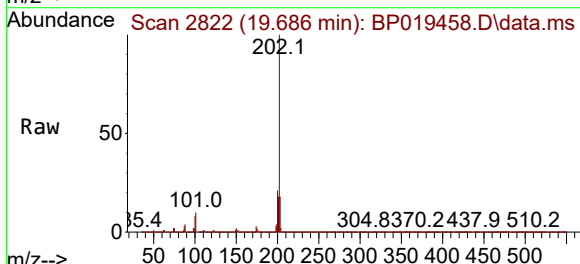
Tgt Ion:202 Resp: 6687521

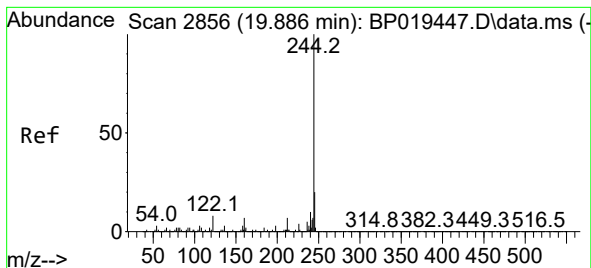
Ion Ratio Lower Upper

202 100

200 21.1 16.5 24.7

203 18.2 13.9 20.9





#79

Terphenyl-d14

Concen: 48.156 ng

RT: 19.880 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

Instrument :

BNA_P

ClientSampleId :

VNJ-223

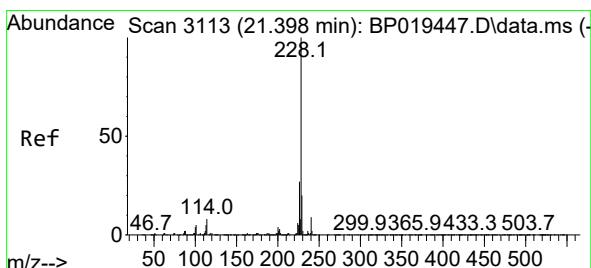
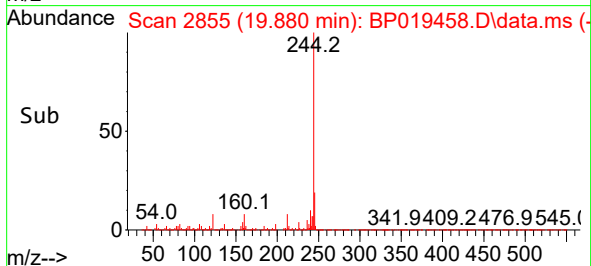
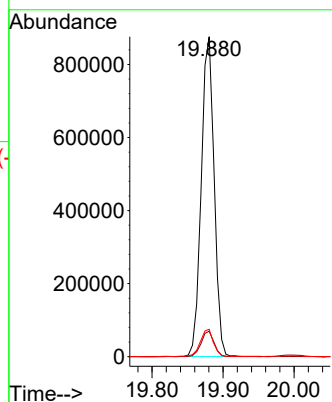
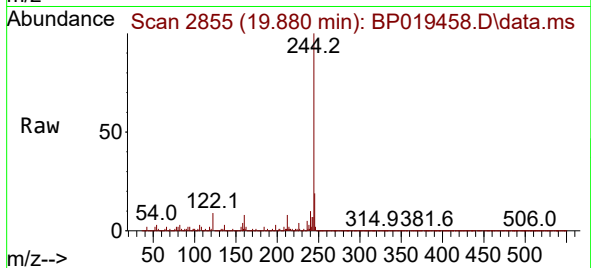
Tgt Ion:244 Resp: 1107768

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

122 8.5 6.6 10.0



#81

Benzo(a)anthracene

Concen: 61.839 ng

RT: 21.392 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

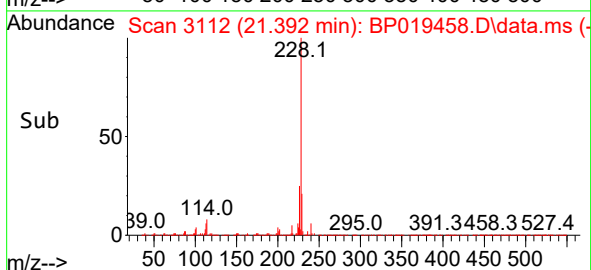
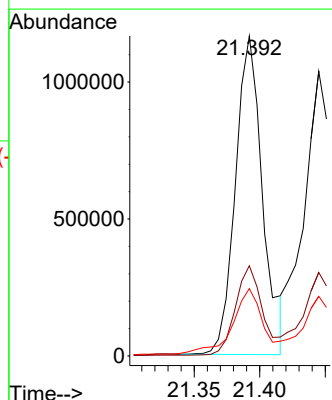
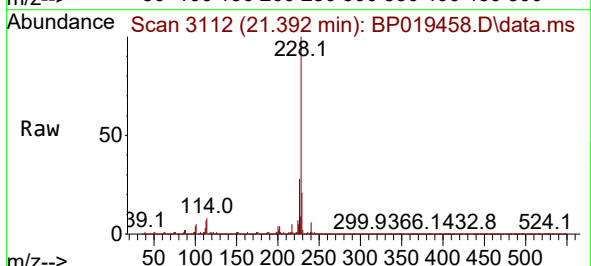
Tgt Ion:228 Resp: 1672815

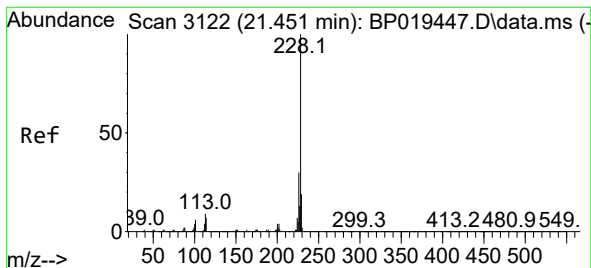
Ion Ratio Lower Upper

228 100

226 28.2 21.4 32.2

229 21.1 15.7 23.5





#83

Chrysene

Concen: 59.609 ng

RT: 21.445 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

Instrument :

BNA_P

ClientSampleId :

VNJ-223

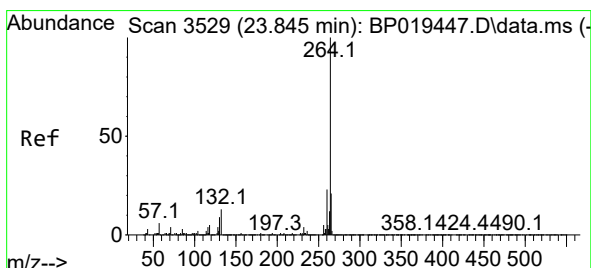
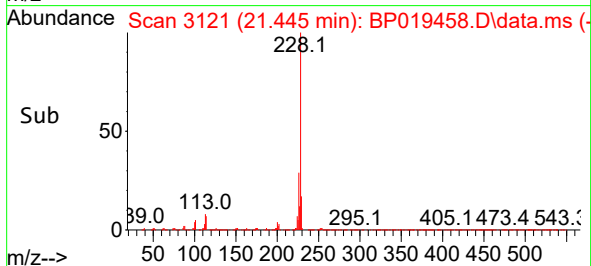
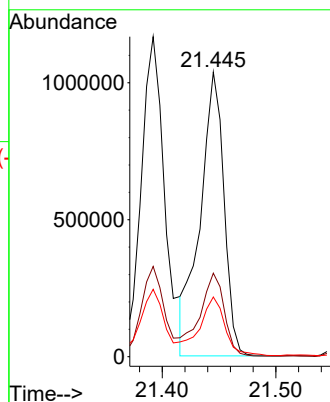
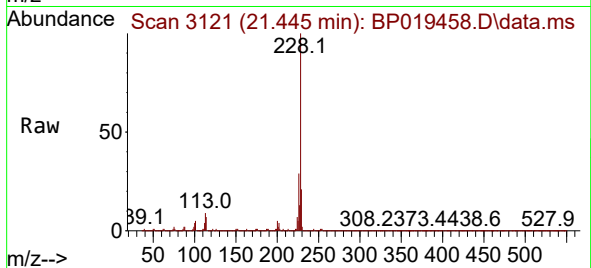
Tgt Ion:228 Resp: 1513852

Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

229 21.0 15.4 23.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3527

Delta R.T. -0.012 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

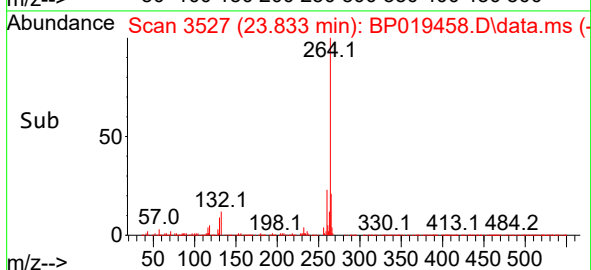
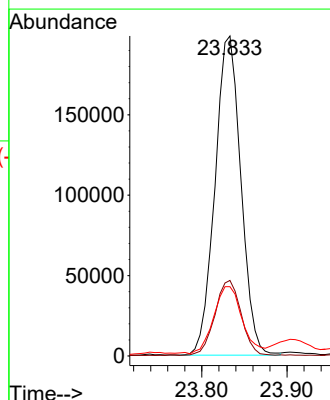
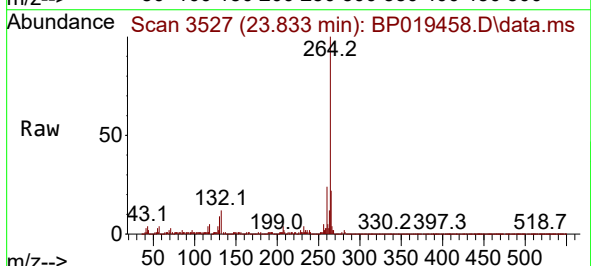
Tgt Ion:264 Resp: 420528

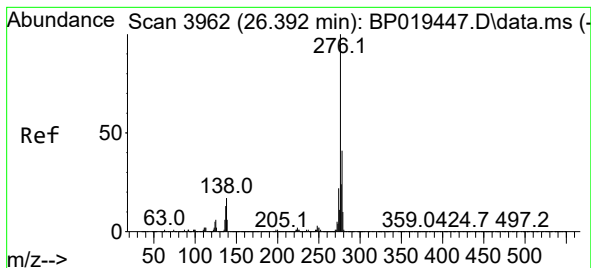
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.7 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.050 ng

RT: 26.356 min Scan# 3956

Delta R.T. -0.035 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

Instrument :

BNA_P

ClientSampleId :

VNJ-223

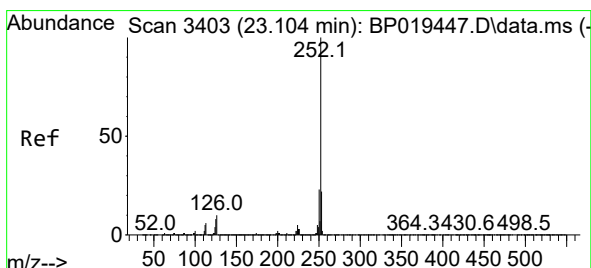
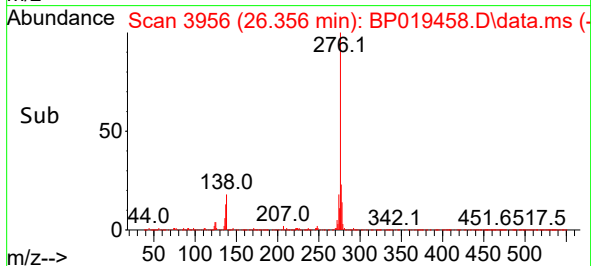
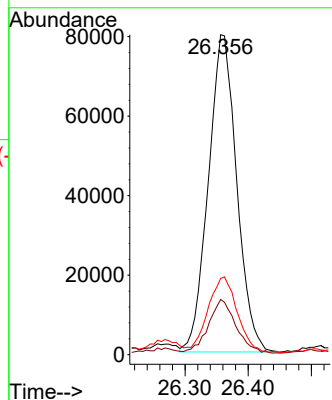
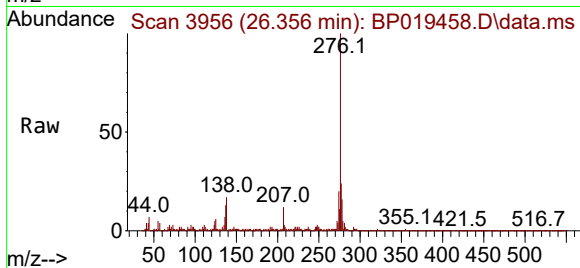
Tgt Ion:276 Resp: 249405

Ion Ratio Lower Upper

276 100

138 16.3 15.5 23.3

277 24.1 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 44.785 ng

RT: 23.098 min Scan# 3402

Delta R.T. -0.006 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

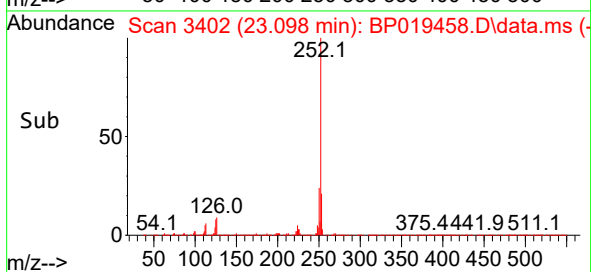
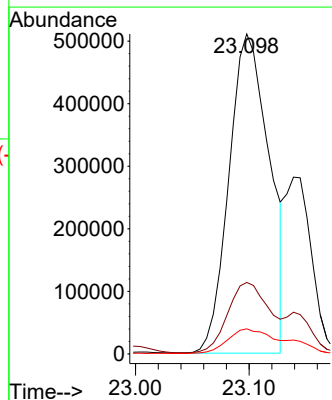
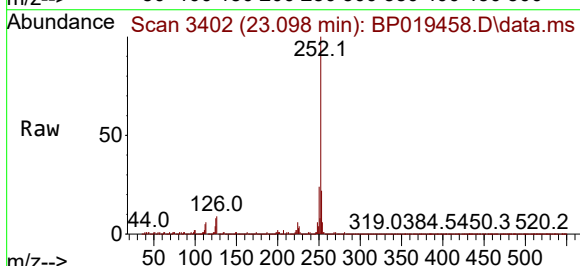
Tgt Ion:252 Resp: 1260418

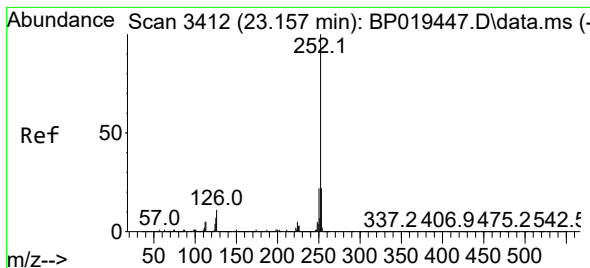
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 7.8 6.5 9.7





#89

Benzo(k)fluoranthene

Concen: 47.089 ng

RT: 23.098 min Scan# 3412

Delta R.T. -0.059 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

Instrument :

BNA_P

ClientSampleId :

VNJ-223

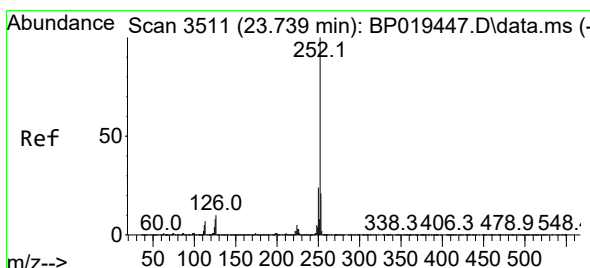
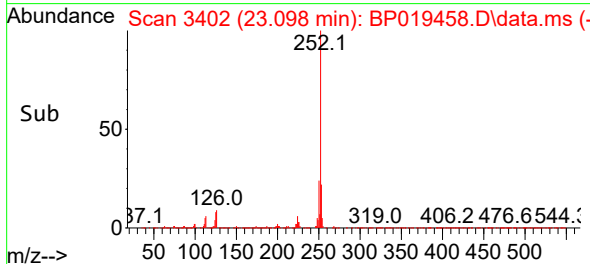
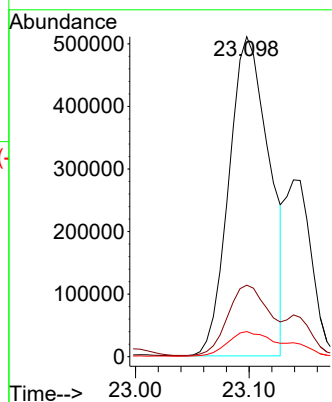
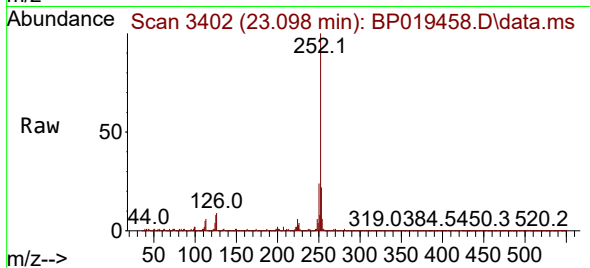
Tgt Ion:252 Resp: 1260418

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 7.8 5.9 8.9



#90

Benzo(a)pyrene

Concen: 25.252 ng

RT: 23.727 min Scan# 3509

Delta R.T. -0.012 min

Lab File: BP019458.D

Acq: 26 Jan 2024 21:18

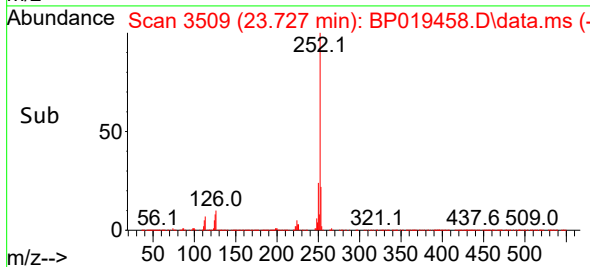
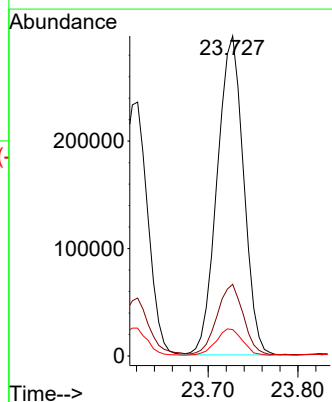
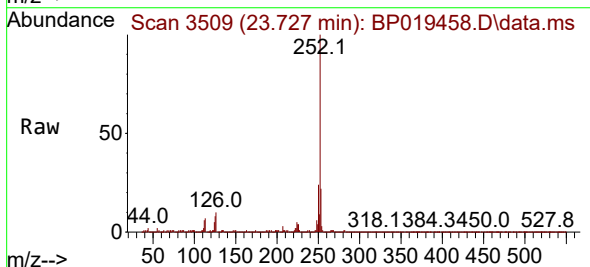
Tgt Ion:252 Resp: 607617

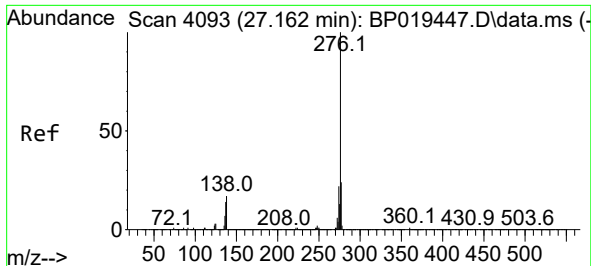
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

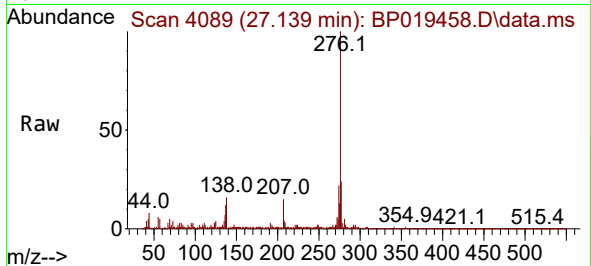
125 8.2 6.6 10.0





#92
 Benzo(g,h,i)perylene
 Concen: 9.356 ng
 RT: 27.139 min Scan# 4089
 Delta R.T. -0.024 min
 Lab File: BP019458.D
 Acq: 26 Jan 2024 21:18

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223



Tgt Ion:276 Resp: 206466
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.9 28.3
 138 15.9 13.9 20.9

