

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130509.D
 Acq On : 03 Oct 2022 20:32
 Operator : CG\JU
 Sample : N4907-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-222

Quant Time: Oct 04 03:20:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

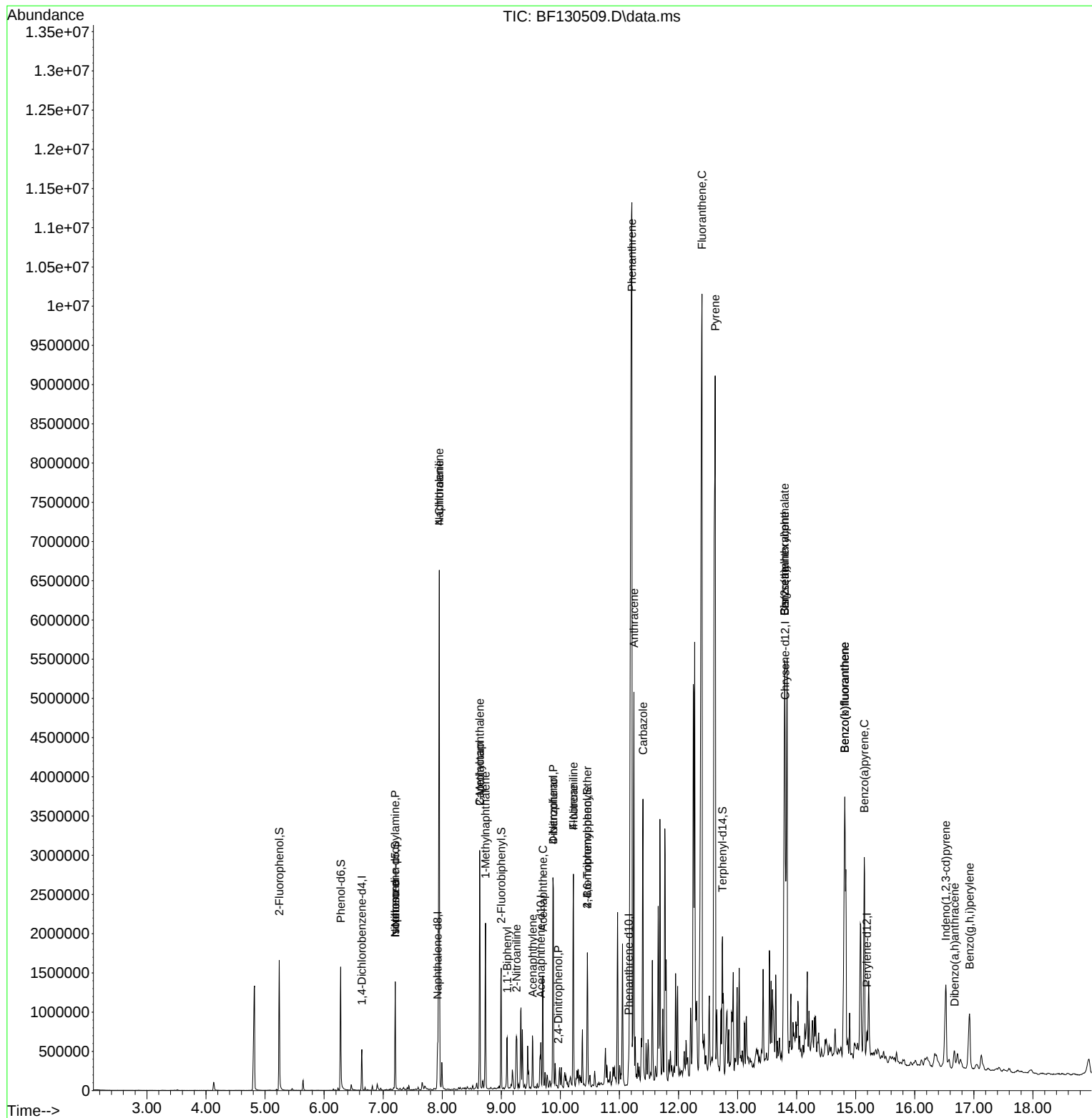
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	69440	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	262846	20.000	ng	0.00
39) Acenaphthene-d10	9.669	164	106144	20.000	ng	-0.01
64) Phenanthrene-d10	11.157	188	215049	20.000	ng	0.00
76) Chrysene-d12	13.804	240	176492	20.000	ng	0.01
86) Perylene-d12	15.192	264	120694	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	430763	107.595	ng	0.00
7) Phenol-d6	6.281	99	499323	99.678	ng	-0.01
23) Nitrobenzene-d5	7.204	82	370708	72.053	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	102884	101.158	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	433249	59.437	ng	-0.01
79) Terphenyl-d14	12.745	244	529385	49.686	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	50796	15.027	ng	# 75
25) Isophorone	7.204	82	368479	44.436	ng	# 66
31) Naphthalene	7.951	128	2960906	218.654	ng	98
33) 4-Chloroaniline	7.951	127	403311	78.309	ng	# 31
35) Caprolactam	8.634	113	19601	18.922	ng	# 1
37) 2-Methylnaphthalene	8.634	142	759078	87.918	ng	99
38) 1-Methylnaphthalene	8.734	142	484802	58.451	ng	98
46) 1,1'-Biphenyl	9.098	154	196976	24.848	ng	99
48) 2-Nitroaniline	9.257	65	4380	2.048	ng	# 31
49) Acenaphthylene	9.534	152	178174	18.531	ng	98
52) Acenaphthene	9.704	154	262215	41.508	ng	99
54) 2,4-Dinitrophenol	9.963	184	226	6.505	ng	# 57
55) Dibenzofuran	9.881	168	937436	106.686	ng	98
56) 4-Nitrophenol	9.881	139	407210	327.211	ng	# 1
58) Fluorene	10.222	166	710163	98.825	ng	99
62) 4-Nitroaniline	10.222	138	9166	5.340	ng	# 13
67) 4-Bromophenyl-phenylether	10.457	248	6540	2.757	ng	# 1
71) Phenanthrene	11.210	178	7438780	616.112	ng	93
72) Anthracene	11.245	178	1582779	135.844	ng	99
73) Carbazole	11.398	167	1374213	130.688	ng	99
75) Fluoranthene	12.398	202	6525261	559.301	ng	93
78) Pyrene	12.622	202	5579346	361.366	ng	95
81) Benzo(a)anthracene	13.798	228	2664712	226.956	ng	98
83) Chrysene	13.798	228	2664712	239.026	ng	97
84) Bis(2-ethylhexyl)phtha...	13.798	149	14337	2.188	ng	# 83
87) Indeno(1,2,3-cd)pyrene	16.527	276	696997	81.435	ng	96
88) Benzo(b)fluoranthene	14.816	252	2815243	357.371	ng	98
89) Benzo(k)fluoranthene	14.816	252	2815243	363.294	ng	97
90) Benzo(a)pyrene	15.145	252	1273001	203.975	ng	97
91) Dibenzo(a,h)anthracene	16.674	278	140170	19.963	ng	97
92) Benzo(g,h,i)perylene	16.927	276	612253	86.563	ng	99

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

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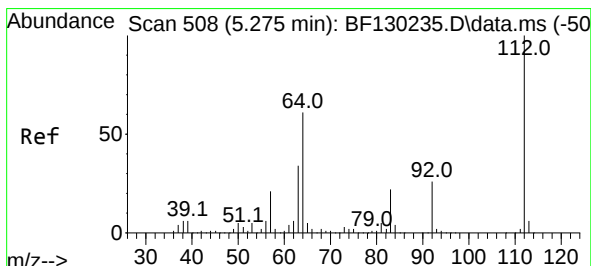
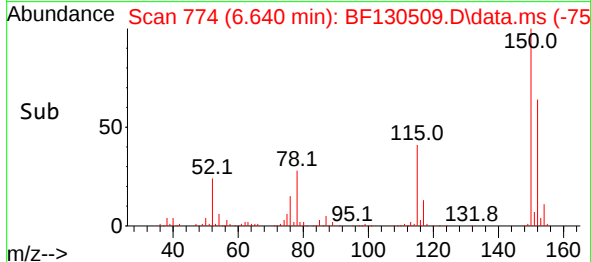
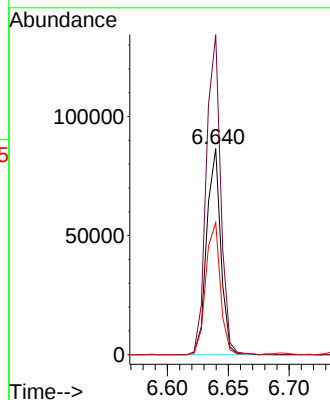
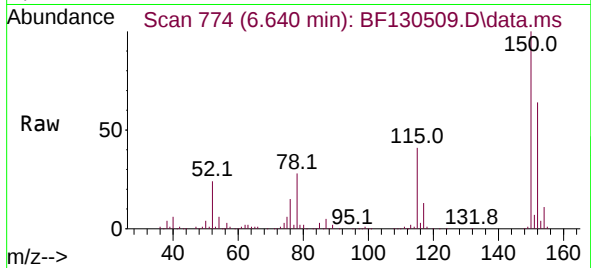




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.640 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF130509.D
 Acq: 03 Oct 2022 20:32

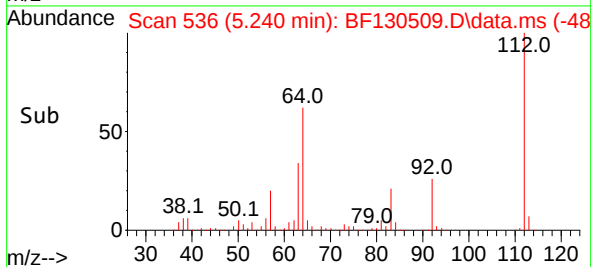
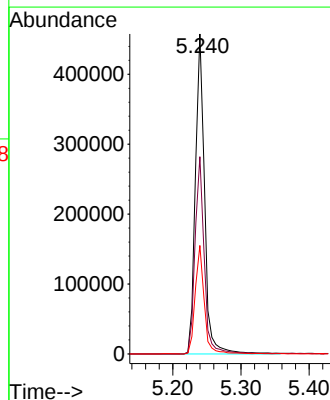
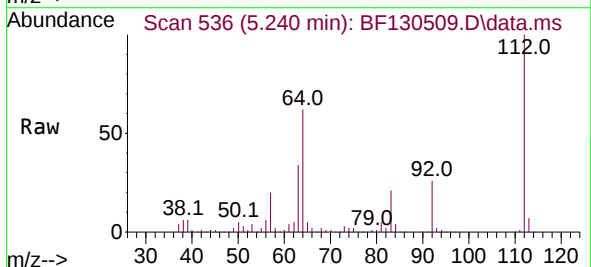
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-222

Tgt Ion:152 Resp: 69440
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.8 184.2
 115 64.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 107.595 ng
 RT: 5.240 min Scan# 536
 Delta R.T. -0.006 min
 Lab File: BF130509.D
 Acq: 03 Oct 2022 20:32

Tgt Ion:112 Resp: 430763
 Ion Ratio Lower Upper
 112 100
 64 61.6 51.4 77.0
 63 33.9 28.8 43.2

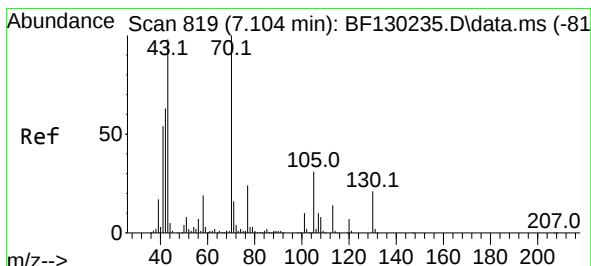
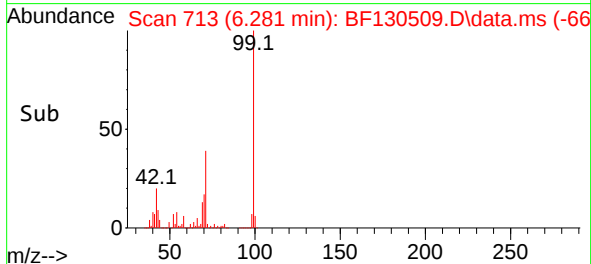
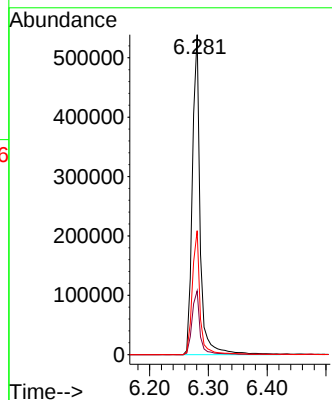
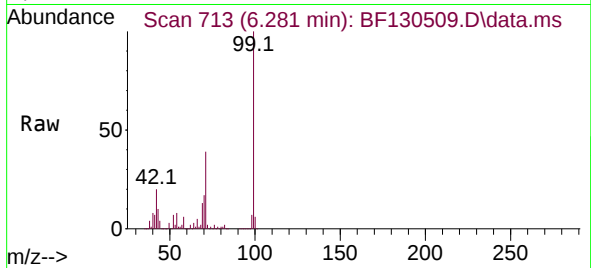




#7
Phenol-d6
Concen: 99.678 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

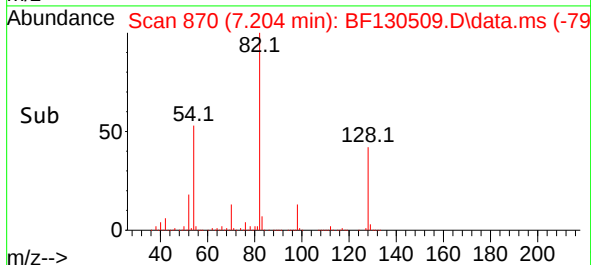
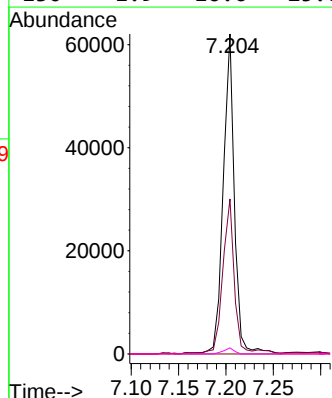
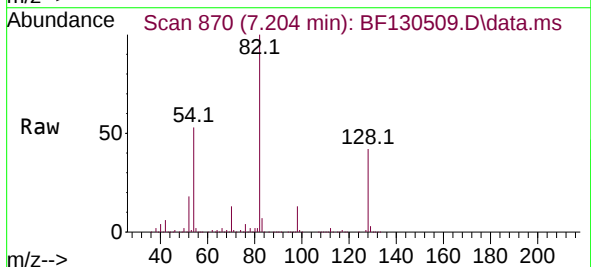
Instrument :
BNA_F
ClientSampleId :
VNJ-222

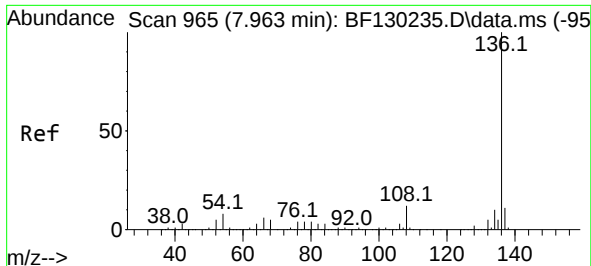
Tgt Ion: 99 Resp: 499323
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 38.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.027 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

Tgt Ion: 70 Resp: 50796
Ion Ratio Lower Upper
70 100
42 48.4 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#



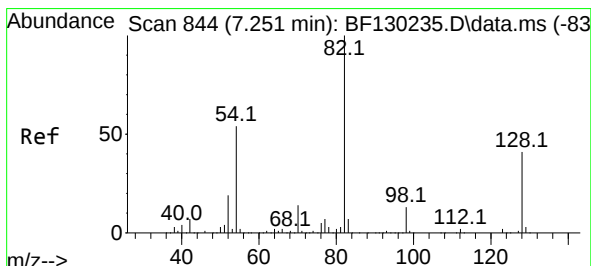
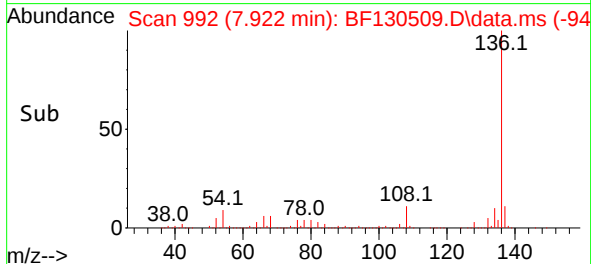
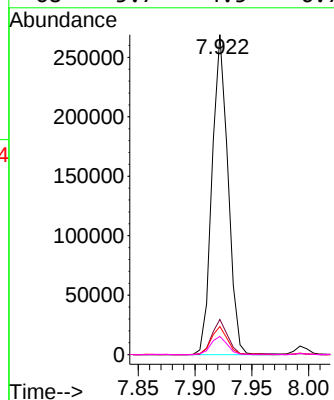
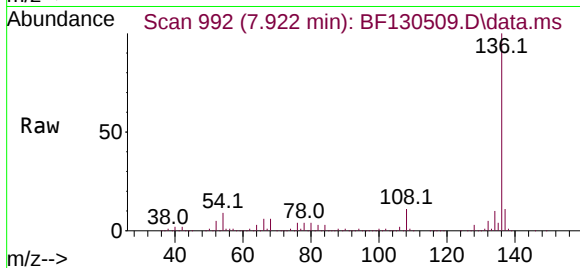


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Tgt Ion:136 Resp: 262846

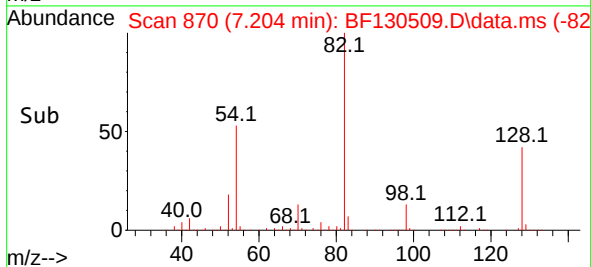
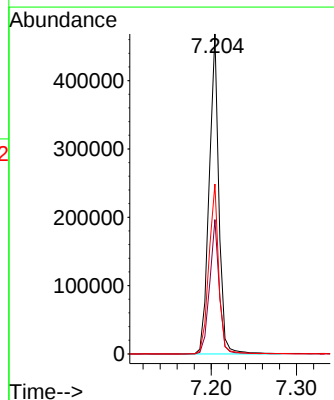
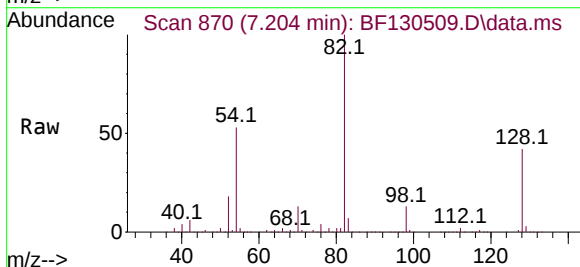
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.8	7.1	10.7
68	5.7	4.5	6.7

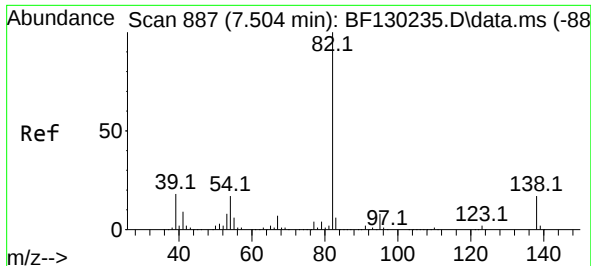


#23
Nitrobenzene-d5
Concen: 72.053 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

Tgt Ion: 82 Resp: 370708

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.6	49.0
54	53.1	43.8	65.6

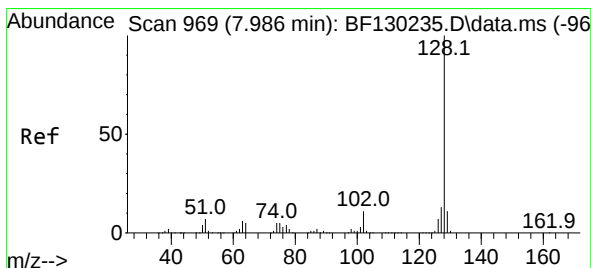
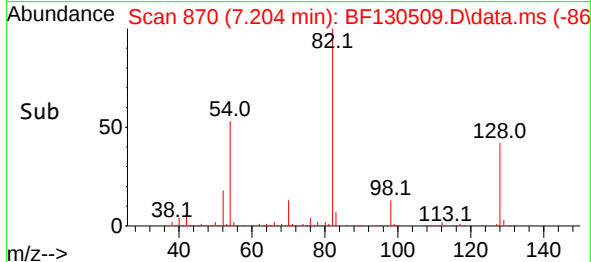
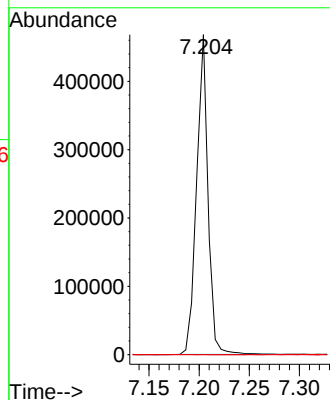
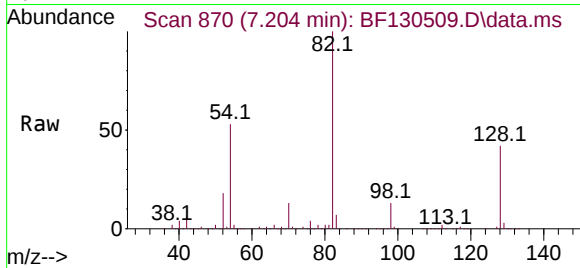




#25
Isophorone
Concen: 44.436 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

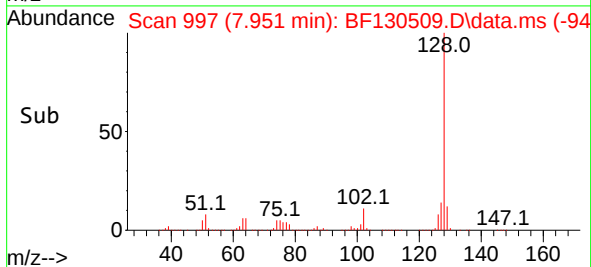
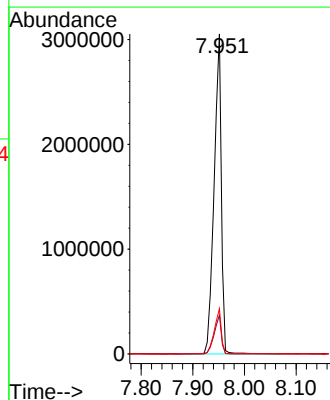
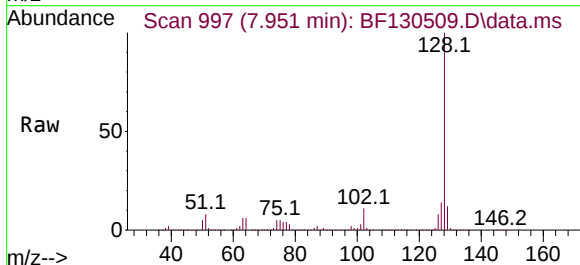
Instrument :
BNA_F
ClientSampleId :
VNJ-222

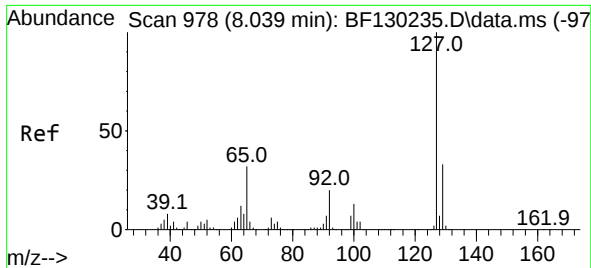
Tgt Ion: 82 Resp: 368479
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#31
Naphthalene
Concen: 218.654 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

Tgt Ion: 128 Resp: 2960906
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 14.1 10.6 16.0

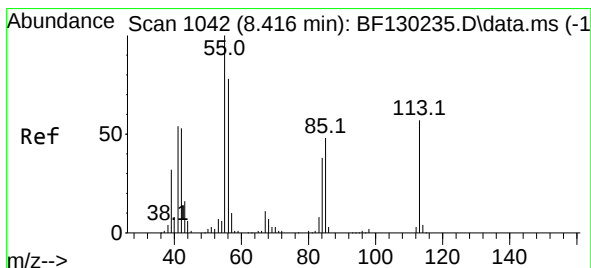
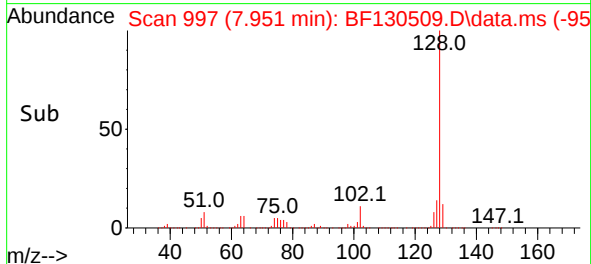
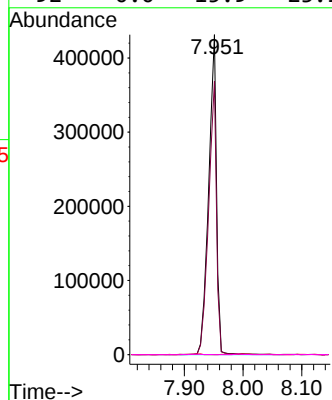
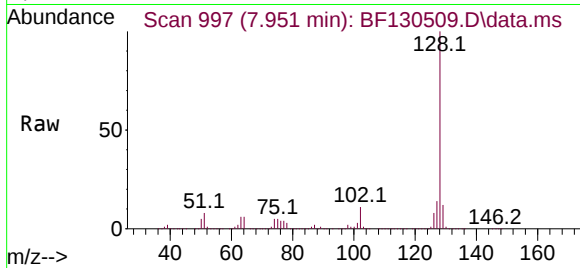




#33
4-Chloroaniline
Concen: 78.309 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.053 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

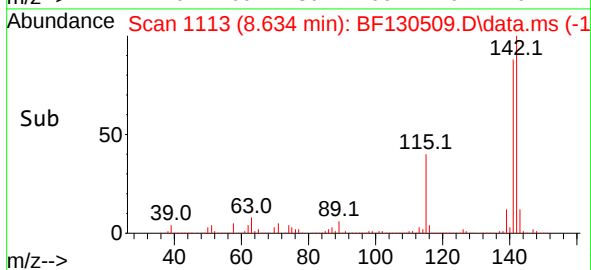
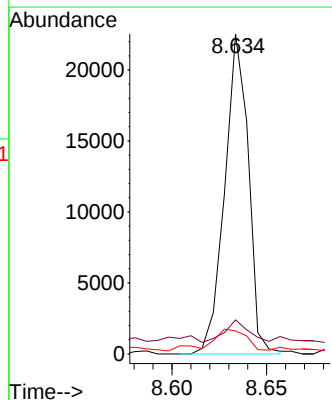
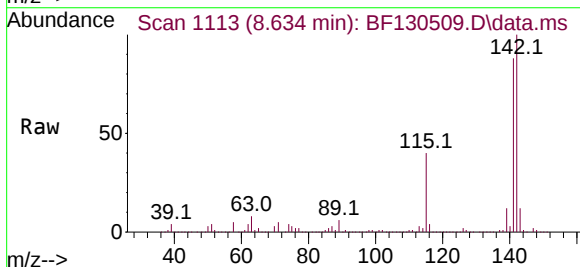
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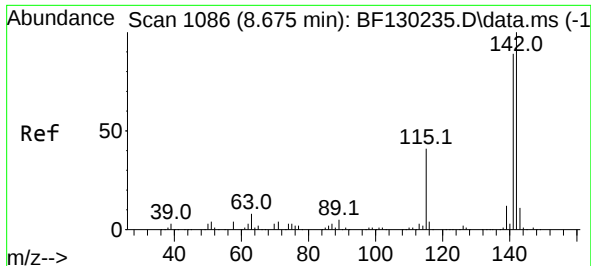
Tgt Ion:	127	Resp:	403311
Ion	Ratio	Lower	Upper
127	100		
129	85.4	25.6	38.4#
65	0.0	27.0	40.6#
92	0.0	15.9	23.9#



#35
Caprolactam
Concen: 18.922 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.247 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

Tgt Ion:	113	Resp:	19601
Ion	Ratio	Lower	Upper
113	100		
55	10.6	155.4	195.4#
56	7.2	120.4	160.4#





#37

2-Methylnaphthalene

Concen: 87.918 ng

RT: 8.634 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

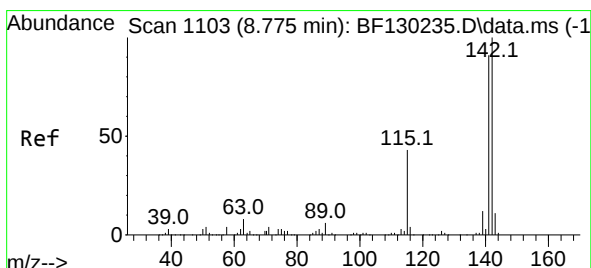
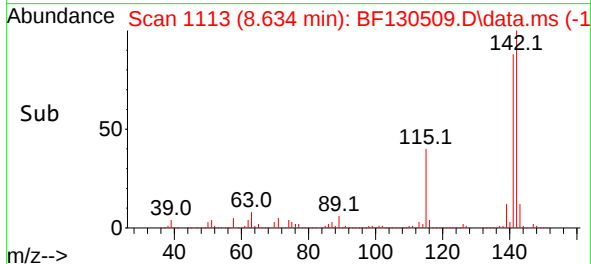
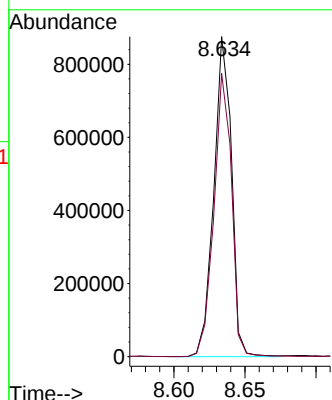
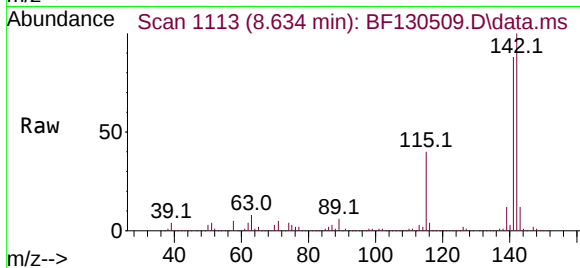
VNJ-222

Tgt Ion:142 Resp: 759078

Ion Ratio Lower Upper

142 100

141 88.5 70.0 105.0



#38

1-Methylnaphthalene

Concen: 58.451 ng

RT: 8.734 min Scan# 1130

Delta R.T. -0.006 min

Lab File: BF130509.D

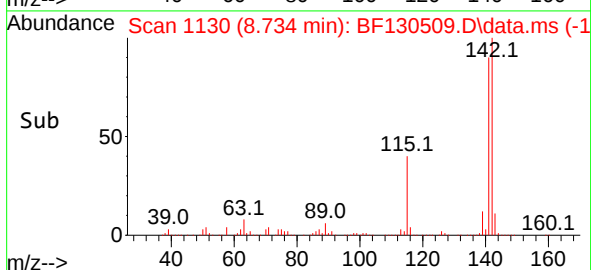
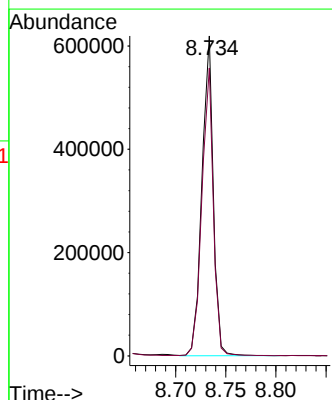
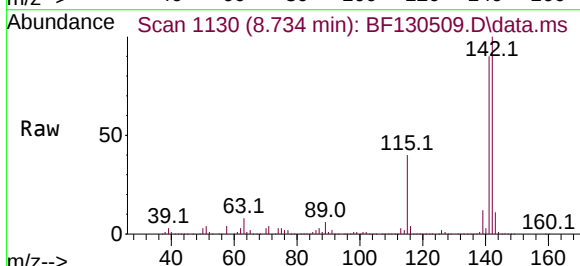
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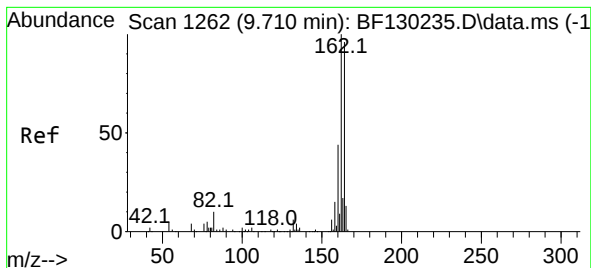
Tgt Ion:142 Resp: 484802

Ion Ratio Lower Upper

142 100

141 90.0 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222

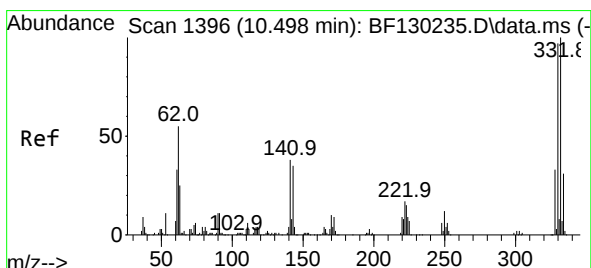
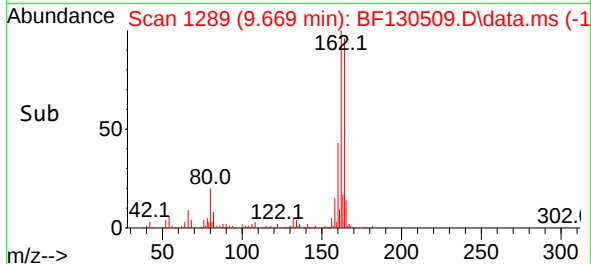
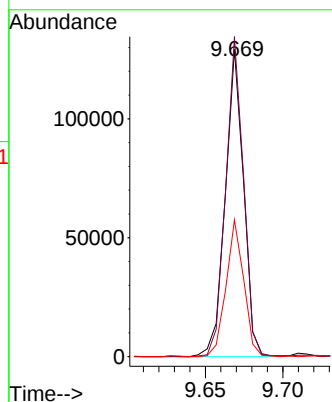
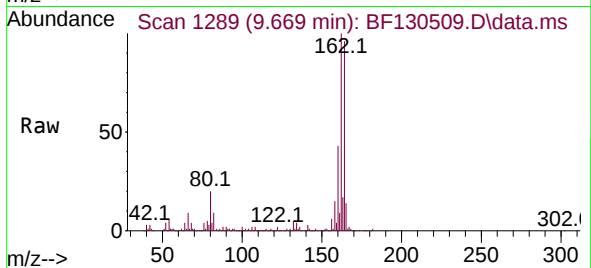
Tgt Ion:164 Resp: 106144

Ion Ratio Lower Upper

164 100

162 104.1 81.4 122.0

160 44.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 101.158 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.012 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

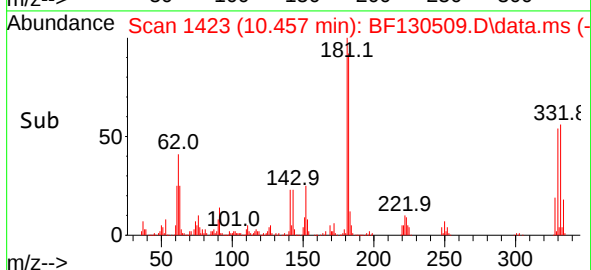
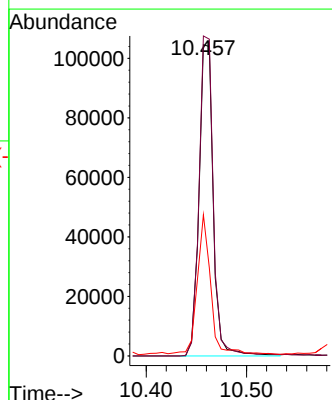
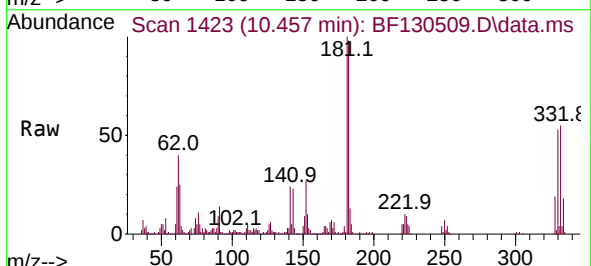
Tgt Ion:330 Resp: 102884

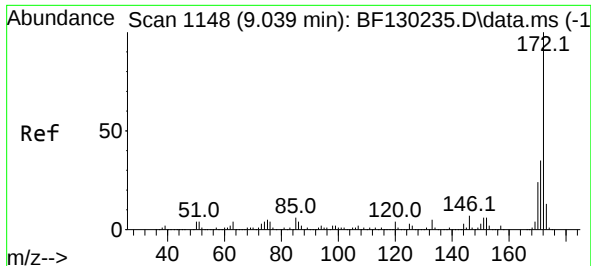
Ion Ratio Lower Upper

330 100

332 102.4 83.4 125.2

141 41.9 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 59.437 ng

RT: 8.998 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222

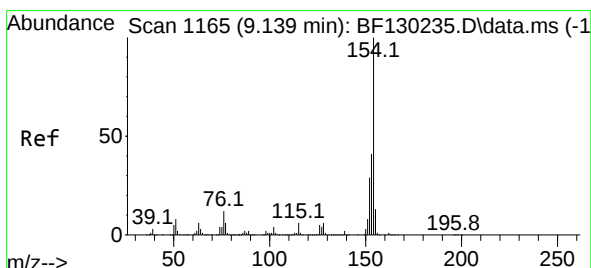
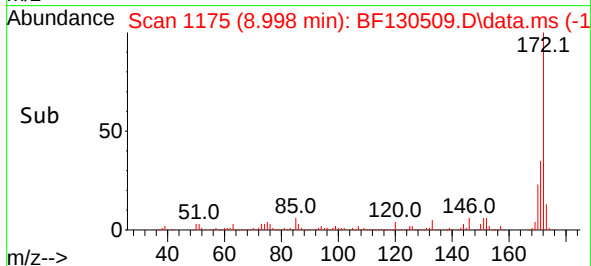
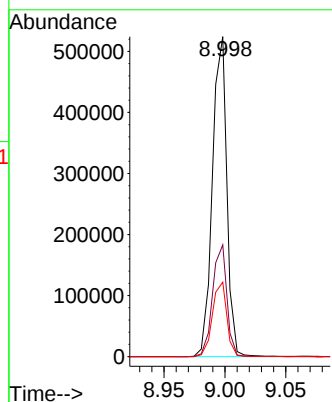
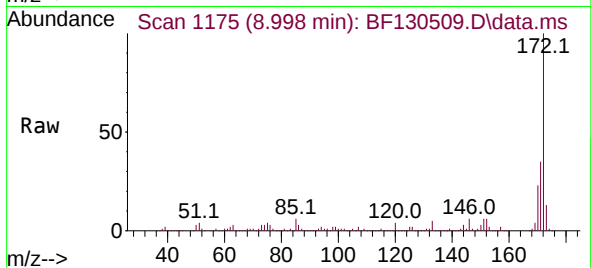
Tgt Ion:172 Resp: 433249

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 24.848 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

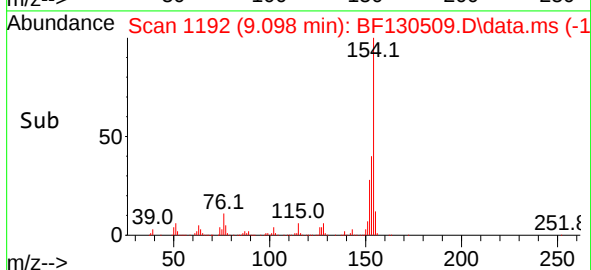
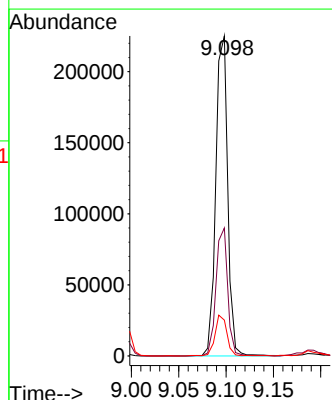
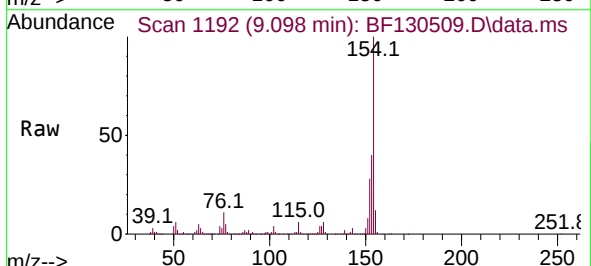
Tgt Ion:154 Resp: 196976

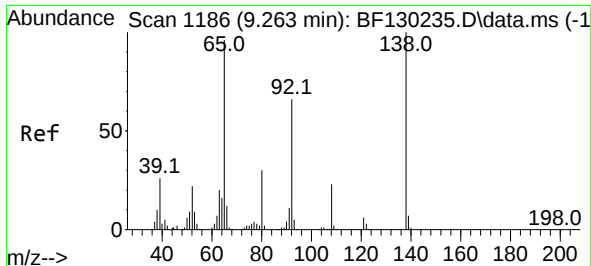
Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

76 11.2 0.0 33.3





#48

2-Nitroaniline

Concen: 2.048 ng

RT: 9.257 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222

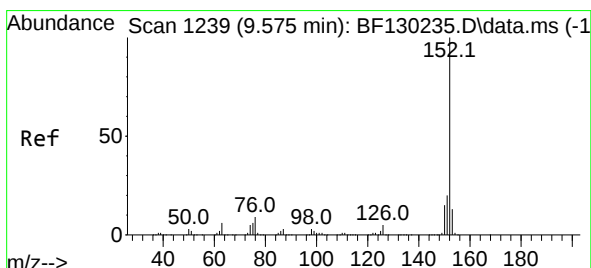
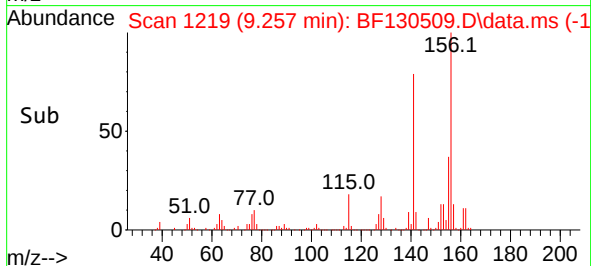
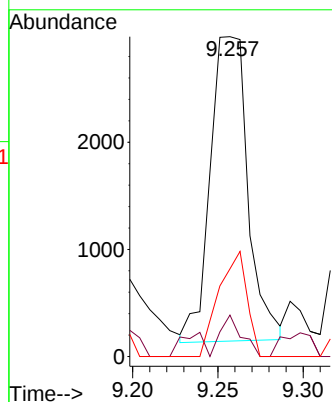
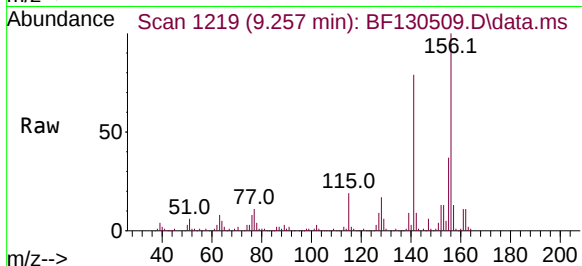
Tgt Ion: 65 Resp: 4380

Ion Ratio Lower Upper

65 100

92 13.0 52.2 78.4#

138 27.4 77.0 115.4#



#49

Acenaphthylene

Concen: 18.531 ng

RT: 9.534 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

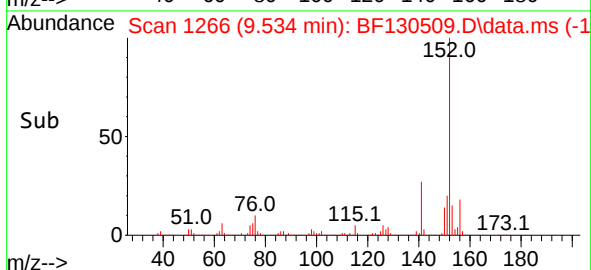
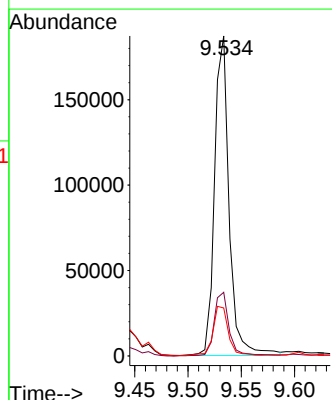
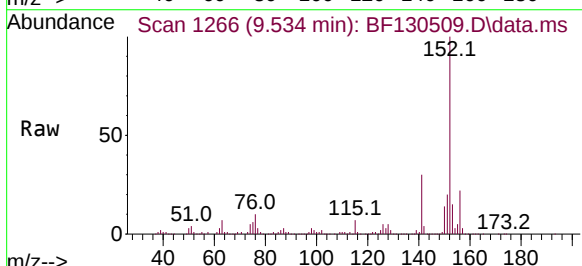
Tgt Ion:152 Resp: 178174

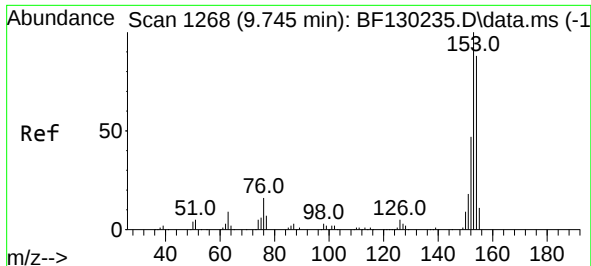
Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 15.0 10.6 15.8

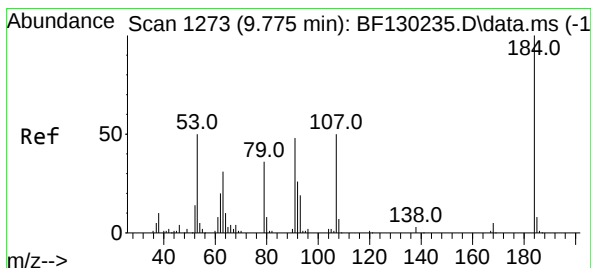
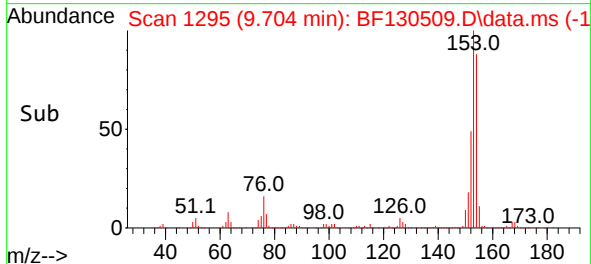
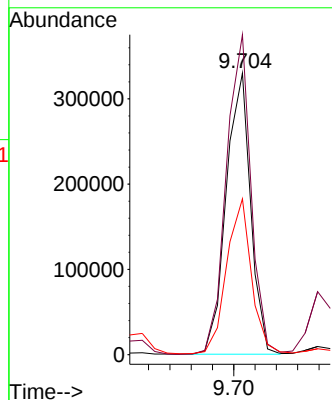
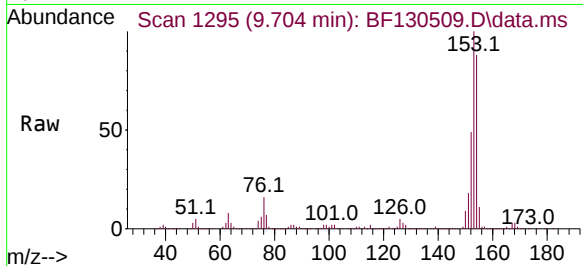




#52
Acenaphthene
Concen: 41.508 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

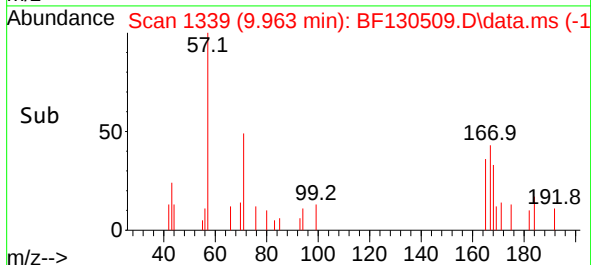
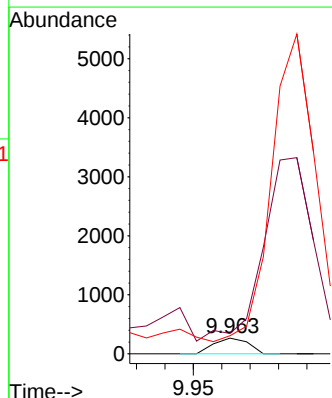
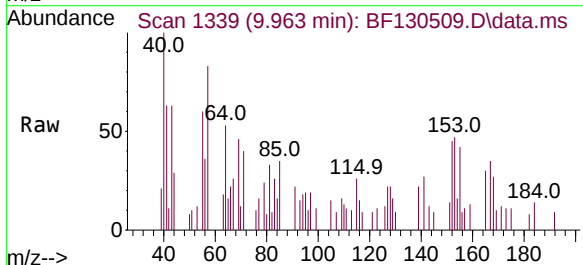
Instrument :
BNA_F
ClientSampleId :
VNJ-222

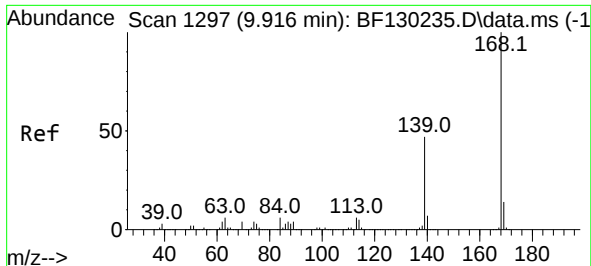
Tgt Ion:154 Resp: 262215
Ion Ratio Lower Upper
154 100
153 113.7 90.6 136.0
152 55.3 43.8 65.6



#54
2,4-Dinitrophenol
Concen: 6.505 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

Tgt Ion:184 Resp: 226
Ion Ratio Lower Upper
184 100
63 129.6 70.0 105.0#
154 115.0 63.0 94.6#





#55

Dibenzenofuran

Concen: 106.686 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222

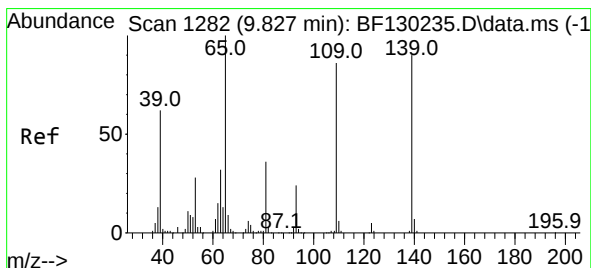
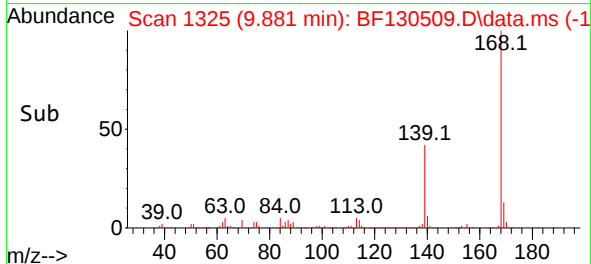
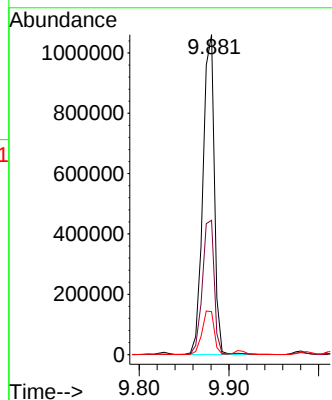
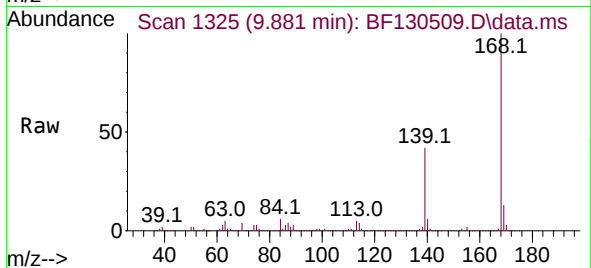
Tgt Ion:168 Resp: 937436

Ion Ratio Lower Upper

168 100

139 42.0 35.0 52.4

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 327.211 ng

RT: 9.881 min Scan# 1325

Delta R.T. 0.071 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

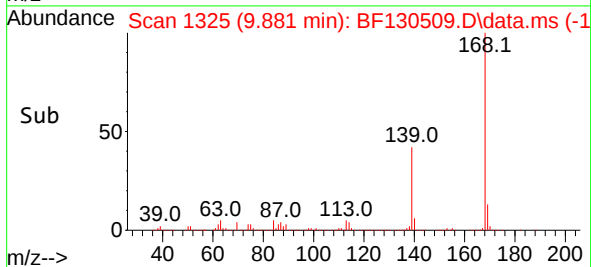
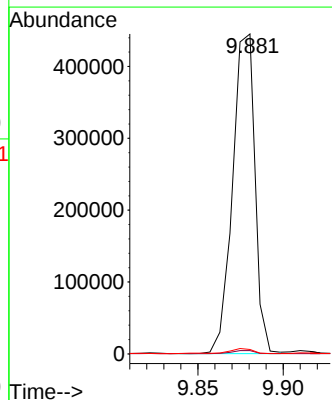
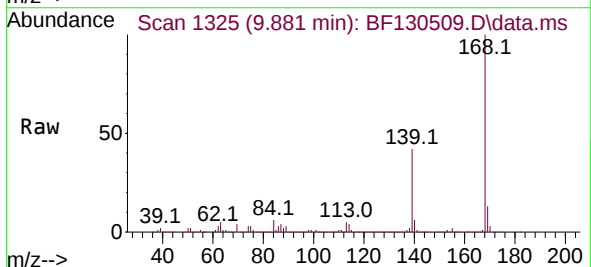
Tgt Ion:139 Resp: 407210

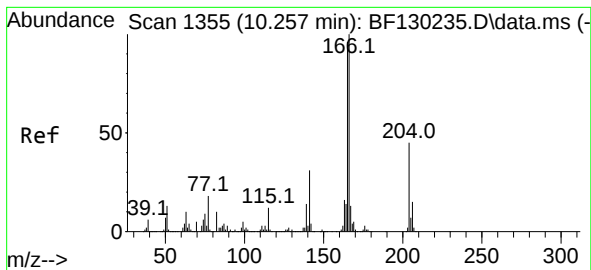
Ion Ratio Lower Upper

139 100

109 1.0 72.2 112.2#

65 1.4 97.7 137.7#





#58

Fluorene

Concen: 98.825 ng

RT: 10.222 min Scan# 1383

Delta R.T. -0.006 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222

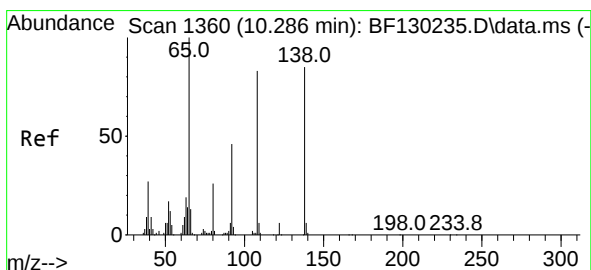
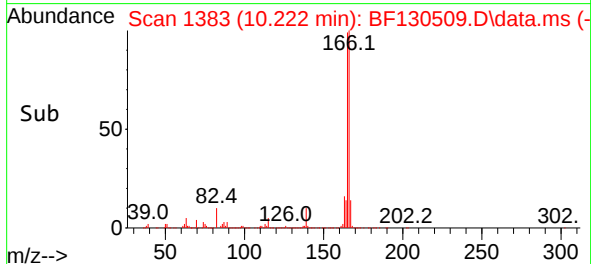
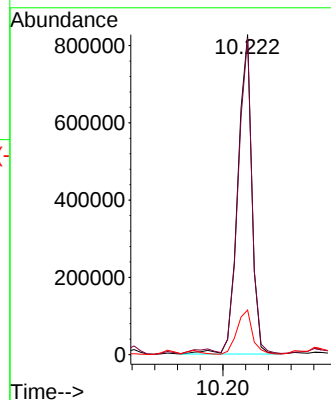
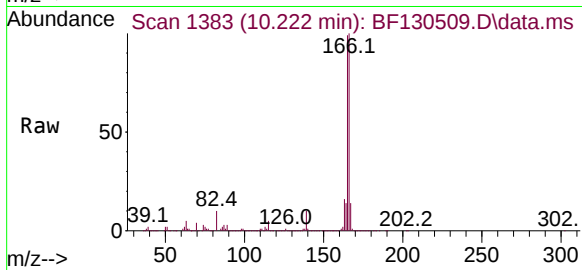
Tgt Ion:166 Resp: 710163

Ion Ratio Lower Upper

166 100

165 98.9 78.8 118.2

167 13.9 10.6 15.8



#62

4-Nitroaniline

Concen: 5.340 ng

RT: 10.222 min Scan# 1383

Delta R.T. -0.029 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

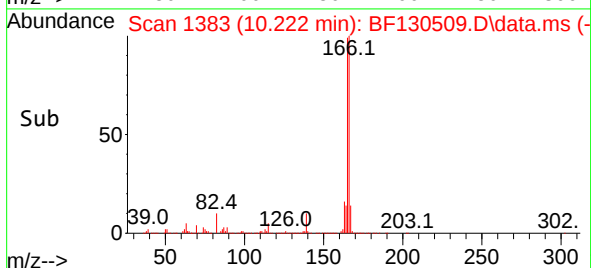
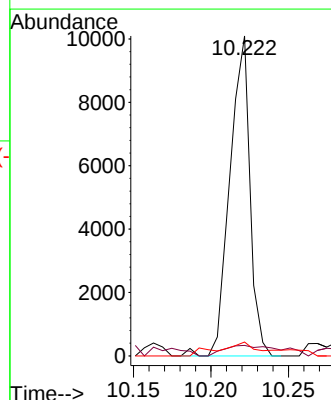
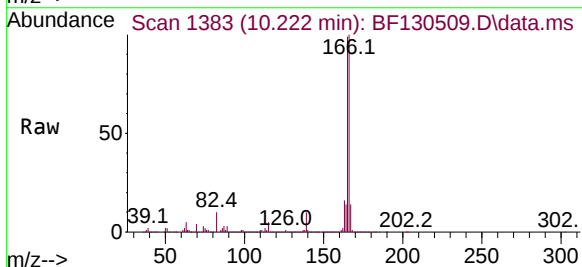
Tgt Ion:138 Resp: 9166

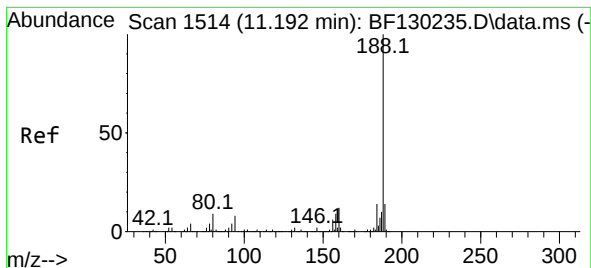
Ion Ratio Lower Upper

138 100

92 3.3 36.7 76.7#

108 4.3 78.2 118.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222

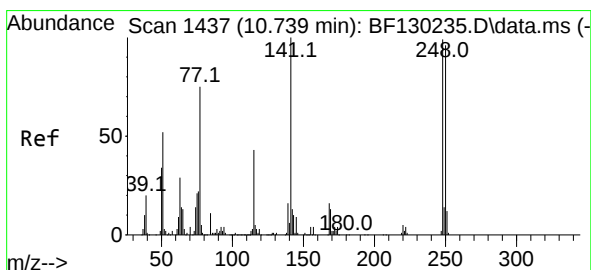
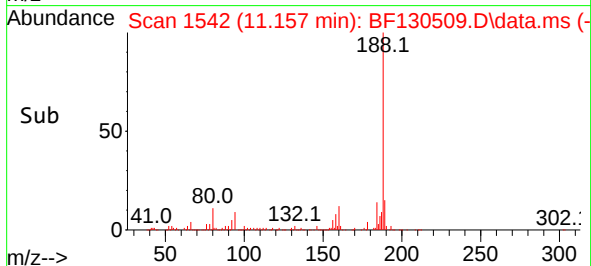
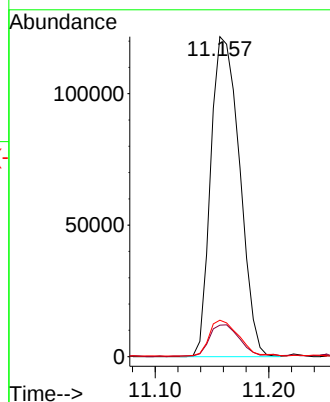
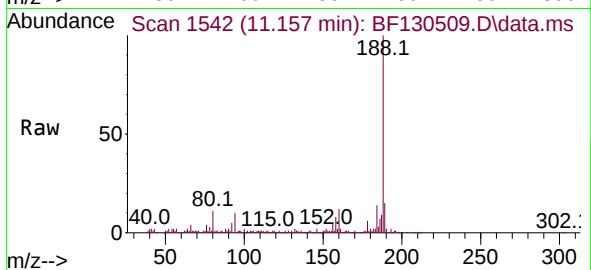
Tgt Ion:188 Resp: 215049

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

80 11.4 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.757 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.253 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

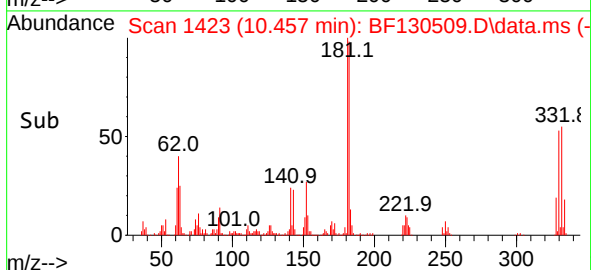
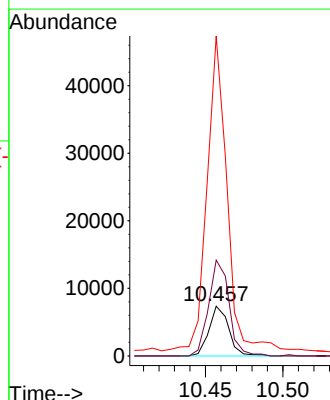
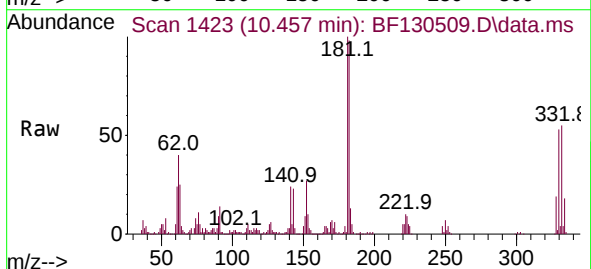
Tgt Ion:248 Resp: 6540

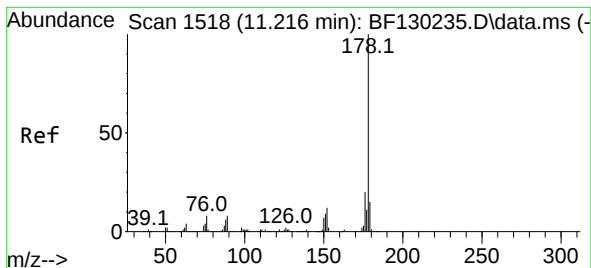
Ion Ratio Lower Upper

248 100

250 193.0 80.0 120.0#

141 644.7 68.5 102.7#





#71

Phenanthrene

Concen: 616.112 ng

RT: 11.210 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222

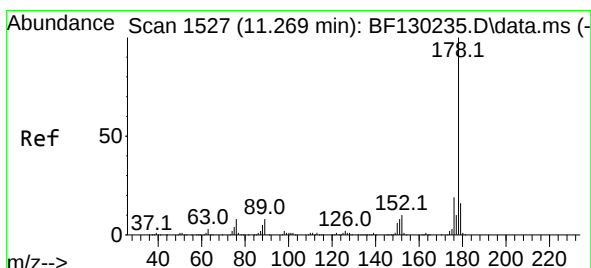
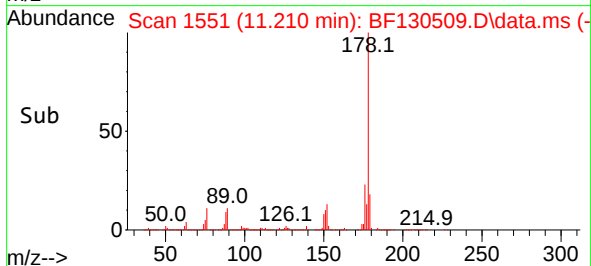
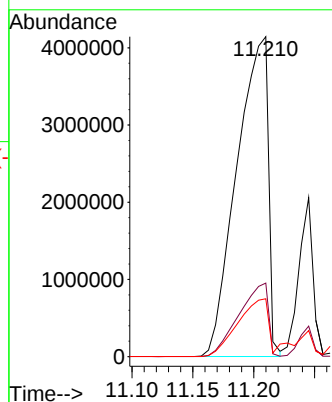
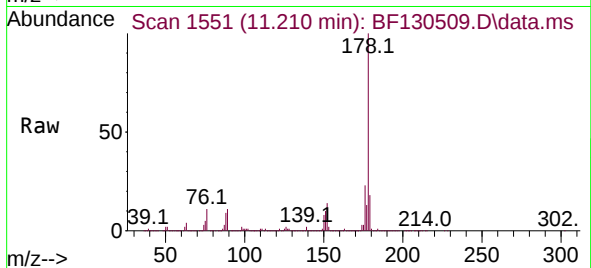
Tgt Ion:178 Resp: 7438780

Ion Ratio Lower Upper

178 100

176 23.0 15.4 23.0

179 18.1 12.4 18.6



#72

Anthracene

Concen: 135.844 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.012 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

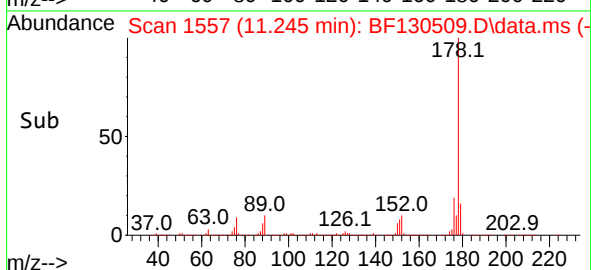
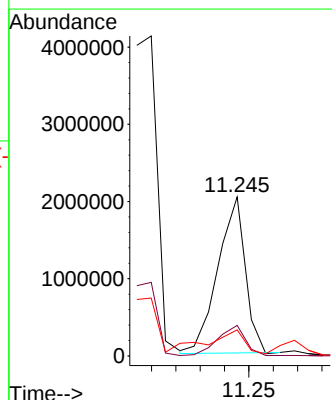
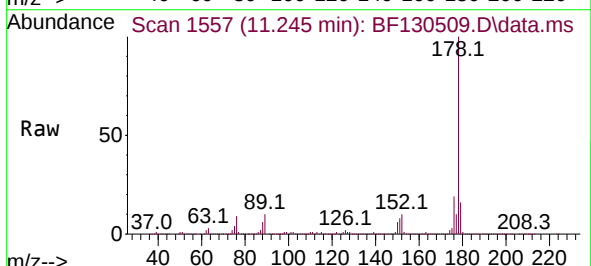
Tgt Ion:178 Resp: 1582779

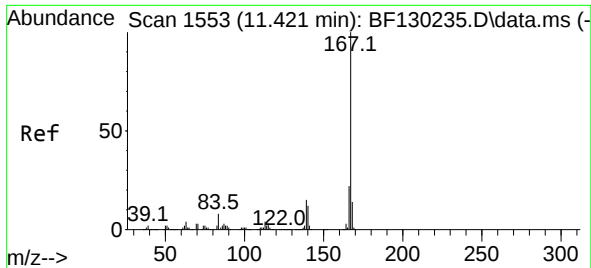
Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

179 16.4 12.7 19.1

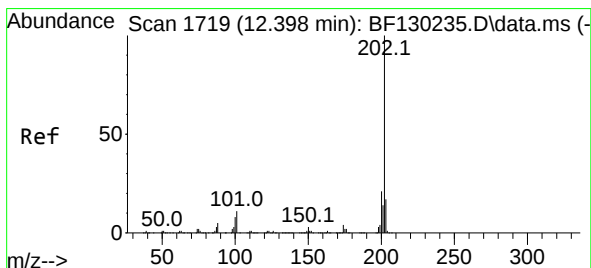
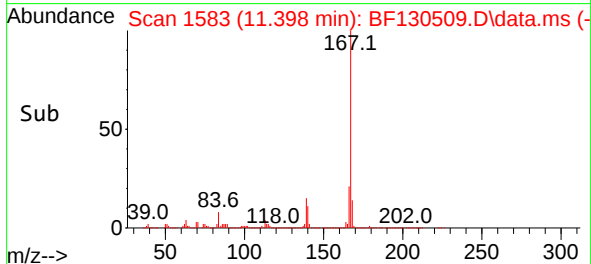
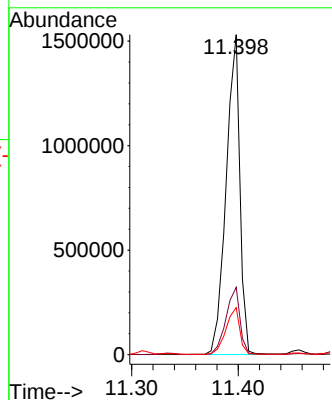
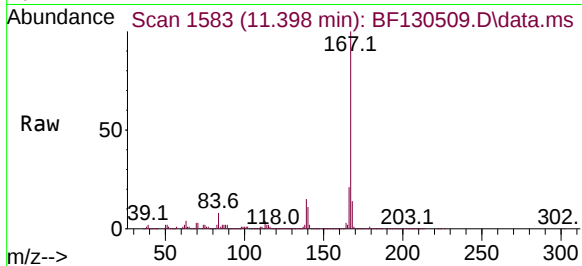




#73
 Carbazole
 Concen: 130.688 ng
 RT: 11.398 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF130509.D
 Acq: 03 Oct 2022 20:32

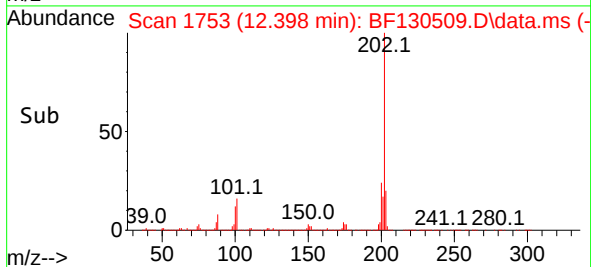
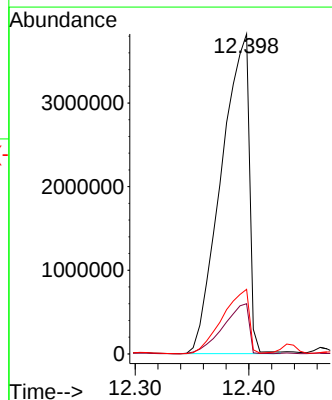
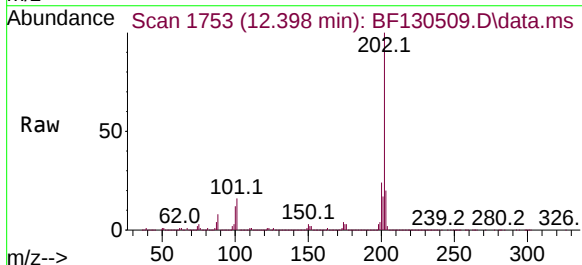
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-222

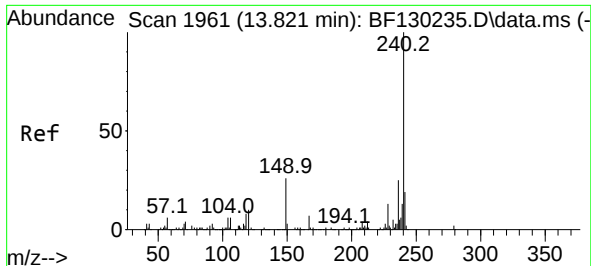
Tgt Ion:167 Resp: 1374213
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.2
 139 14.7 11.6 17.4



#75
 Fluoranthene
 Concen: 559.301 ng
 RT: 12.398 min Scan# 1753
 Delta R.T. 0.029 min
 Lab File: BF130509.D
 Acq: 03 Oct 2022 20:32

Tgt Ion:202 Resp: 6525261
 Ion Ratio Lower Upper
 202 100
 101 15.7 0.0 31.8
 203 20.2 0.0 37.8

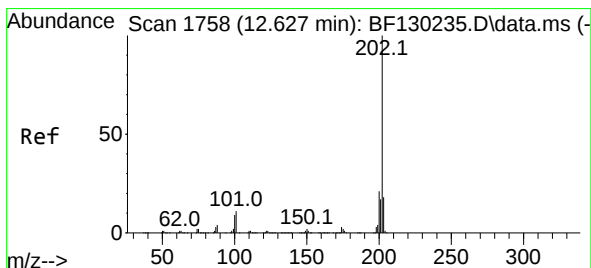
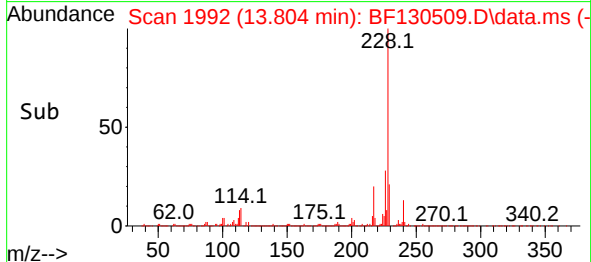
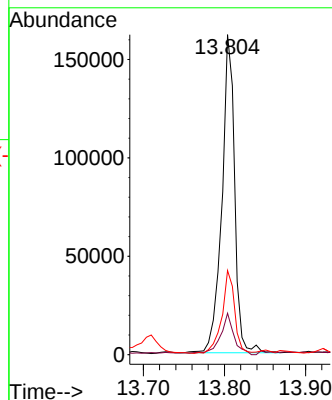
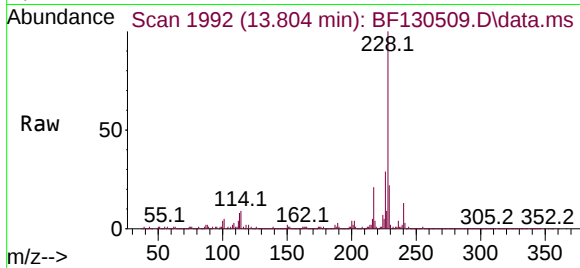




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1961
Delta R.T. 0.012 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

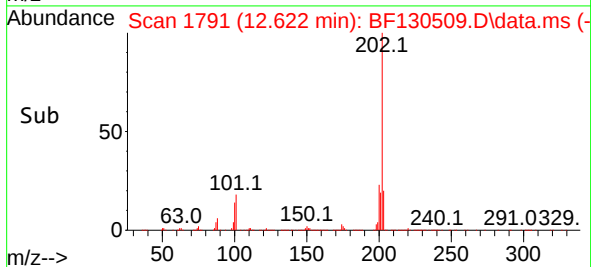
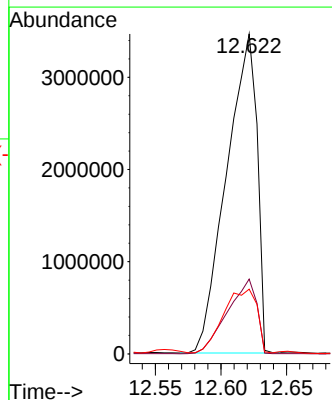
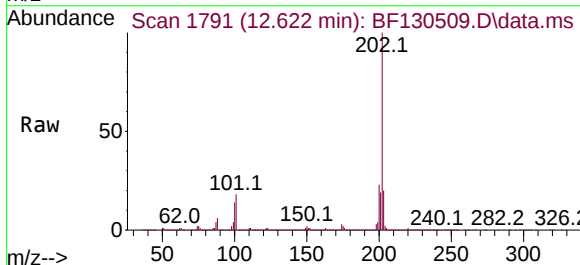
Instrument :
BNA_F
ClientSampleId :
VNJ-222

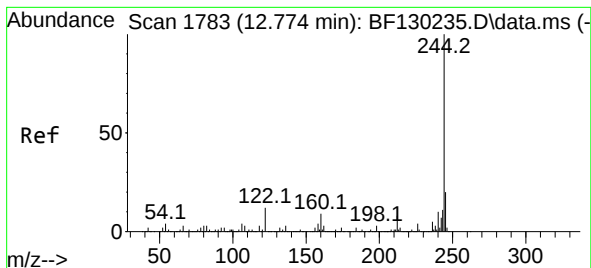
Tgt Ion:240 Resp: 176492
Ion Ratio Lower Upper
240 100
120 12.9 8.7 13.1
236 26.3 20.9 31.3



#78
Pyrene
Concen: 361.366 ng
RT: 12.622 min Scan# 1791
Delta R.T. 0.029 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

Tgt Ion:202 Resp: 5579346
Ion Ratio Lower Upper
202 100
200 23.4 17.2 25.8
203 20.2 14.3 21.5





#79

Terphenyl-d14

Concen: 49.686 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.000 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222

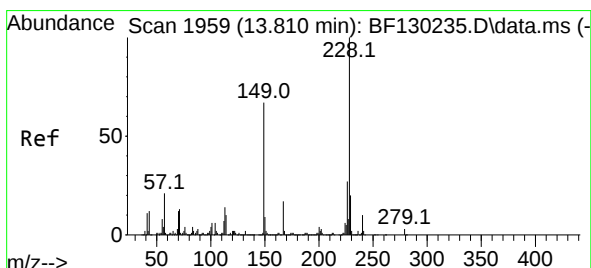
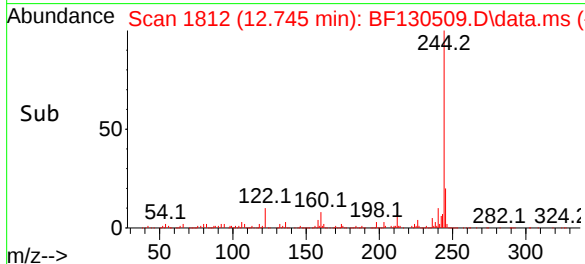
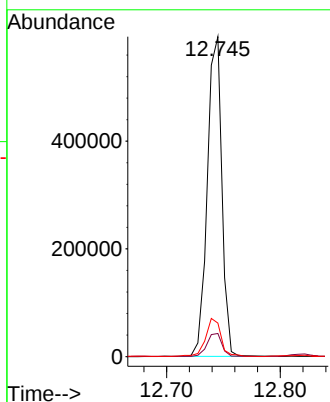
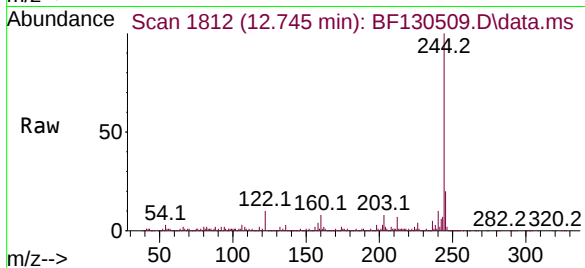
Tgt Ion:244 Resp: 529385

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 10.5 8.5 12.7



#81

Benzo(a)anthracene

Concen: 226.956 ng

RT: 13.798 min Scan# 1991

Delta R.T. 0.018 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

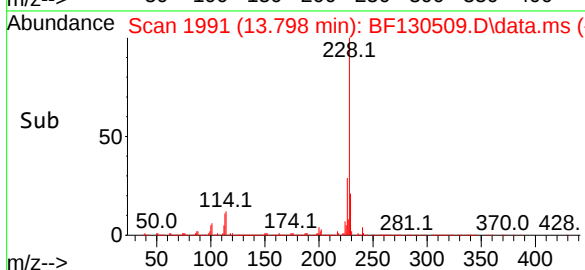
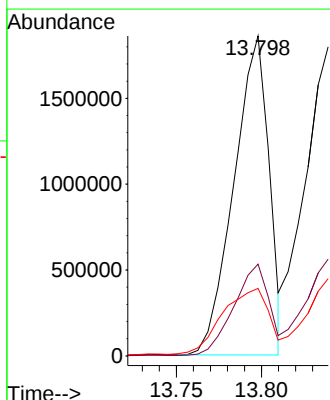
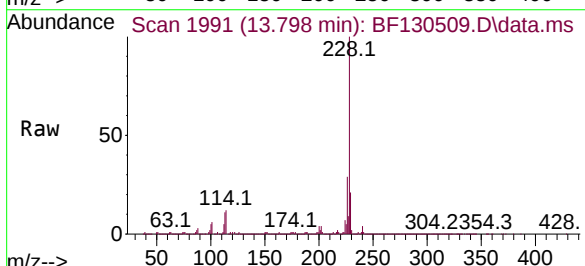
Tgt Ion:228 Resp: 2664712

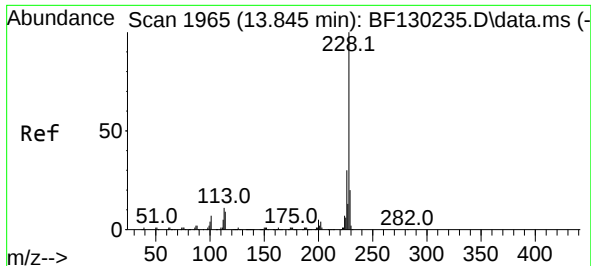
Ion Ratio Lower Upper

228 100

226 28.7 21.9 32.9

229 21.1 16.1 24.1

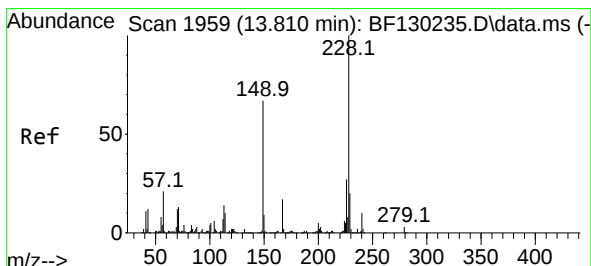
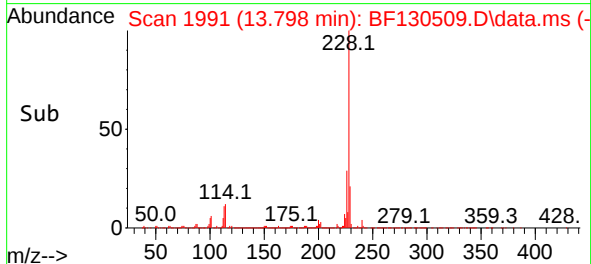
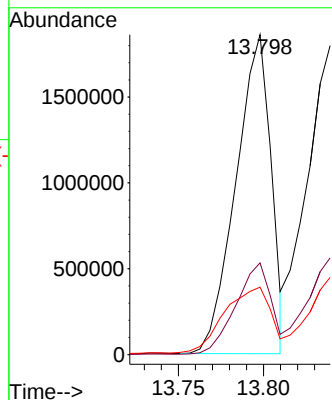
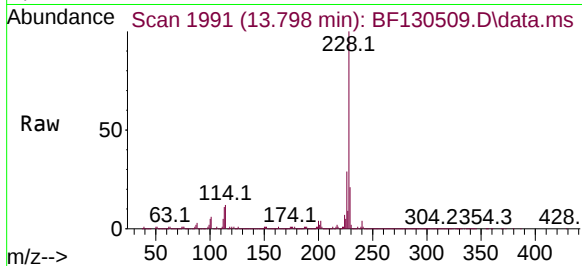




#83
Chrysene
Concen: 239.026 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.018 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

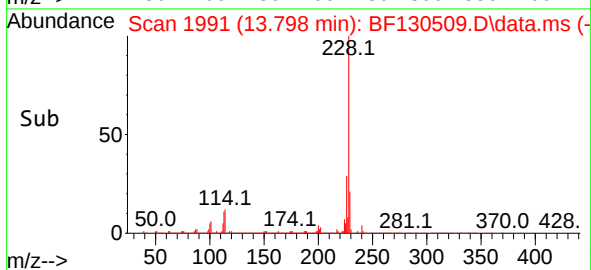
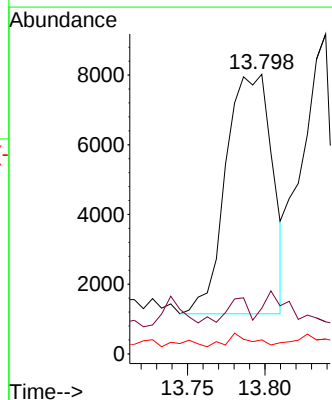
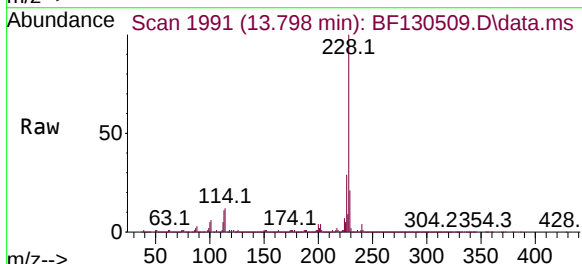
Instrument :
BNA_F
ClientSampleId :
VNJ-222

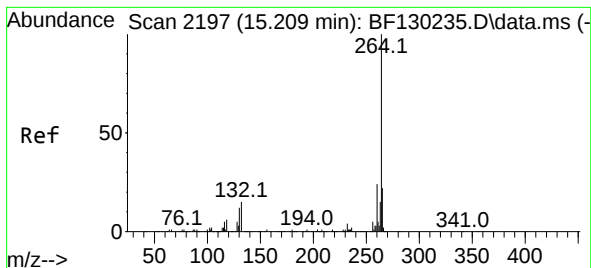
Tgt Ion:228 Resp: 2664712
Ion Ratio Lower Upper
228 100
226 28.7 23.8 35.8
229 21.1 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.188 ng
RT: 13.798 min Scan# 1991
Delta R.T. 0.018 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

Tgt Ion:149 Resp: 14337
Ion Ratio Lower Upper
149 100
167 16.4 20.5 30.7#
279 5.0 2.9 4.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.192 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222

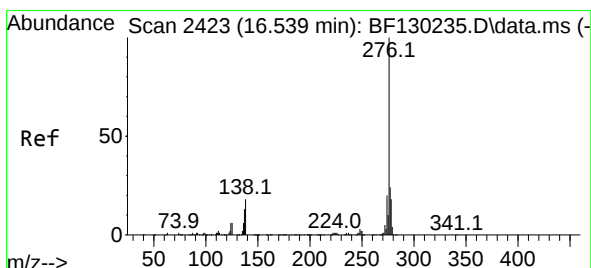
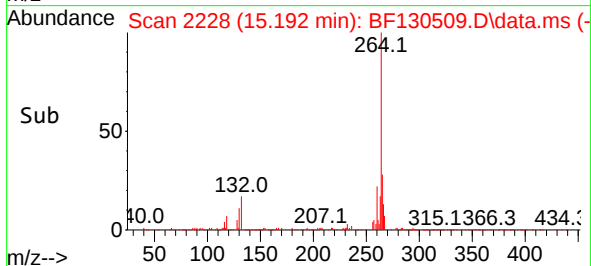
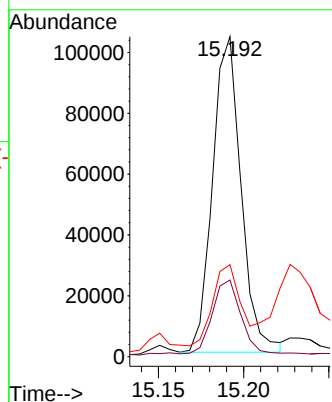
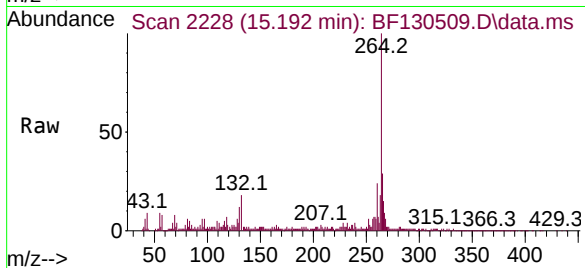
Tgt Ion:264 Resp: 120694

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 28.7 17.0 25.4#



#87

Indeno(1,2,3-cd)pyrene

Concen: 81.435 ng

RT: 16.527 min Scan# 2455

Delta R.T. 0.029 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

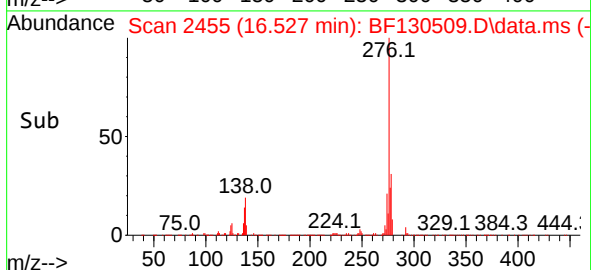
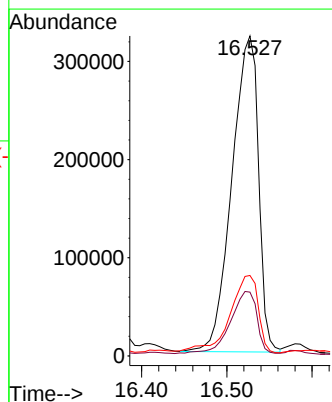
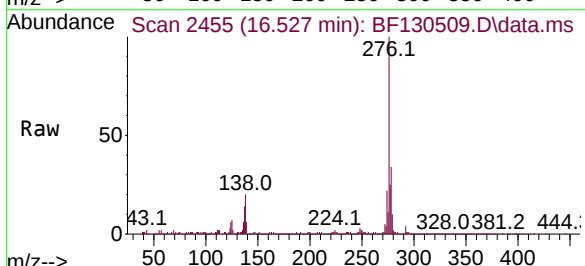
Tgt Ion:276 Resp: 696997

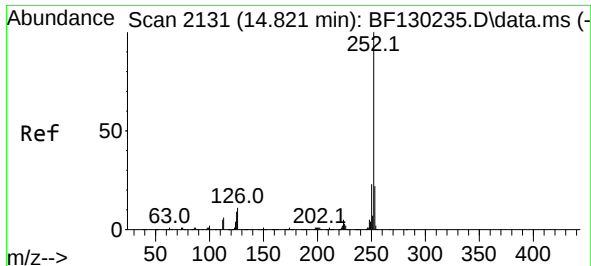
Ion Ratio Lower Upper

276 100

138 20.6 18.5 27.7

277 26.9 20.2 30.4

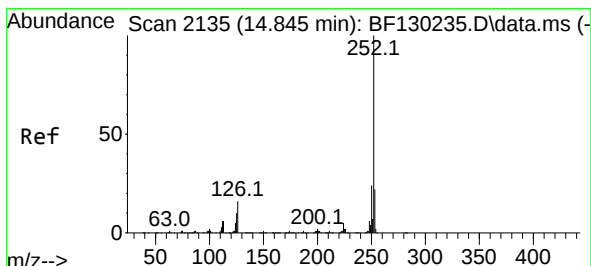
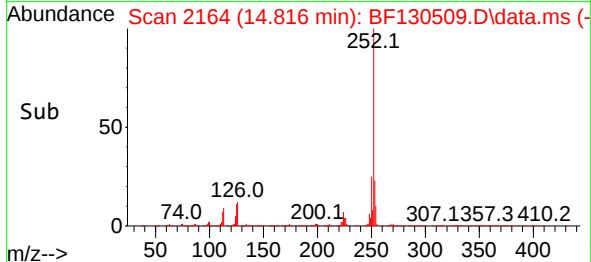
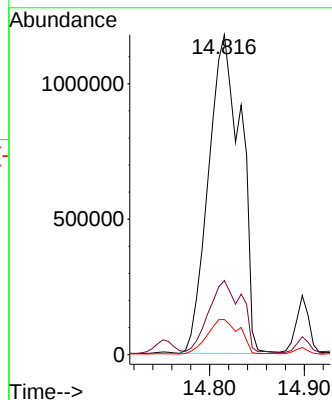
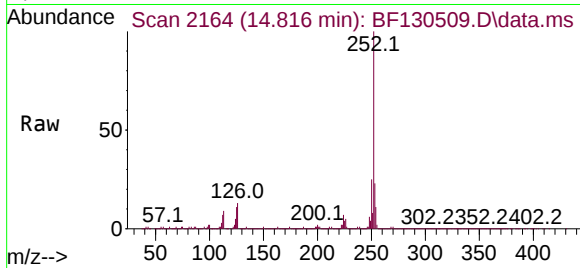




#88
Benzo(b)fluoranthene
Concen: 357.371 ng
RT: 14.816 min Scan# 2131
Delta R.T. 0.029 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

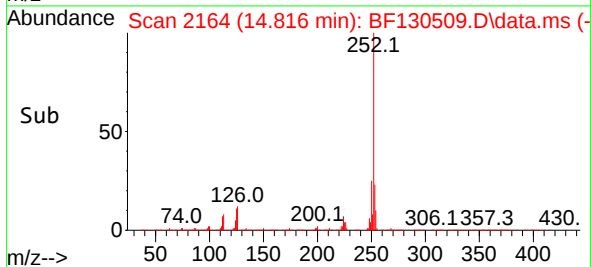
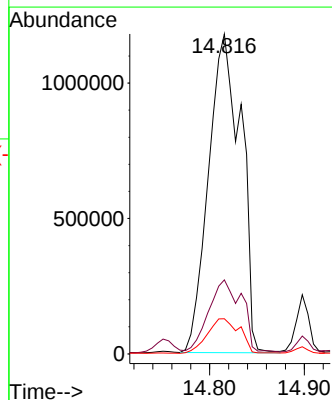
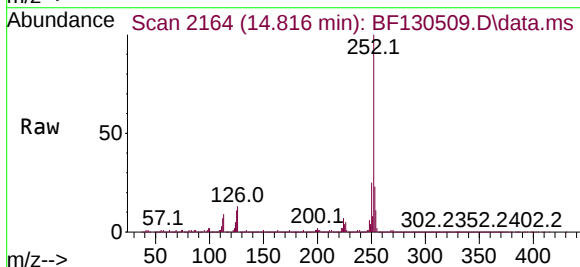
Instrument :
BNA_F
ClientSampleId :
VNJ-222

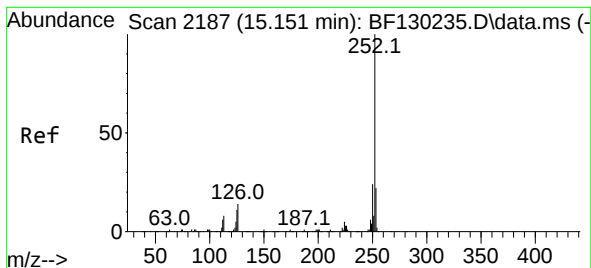
Tgt Ion:252 Resp: 2815243
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 11.0 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 363.294 ng
RT: 14.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BF130509.D
Acq: 03 Oct 2022 20:32

Tgt Ion:252 Resp: 2815243
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.0 7.9 11.9





#90

Benzo(a)pyrene

Concen: 203.975 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222

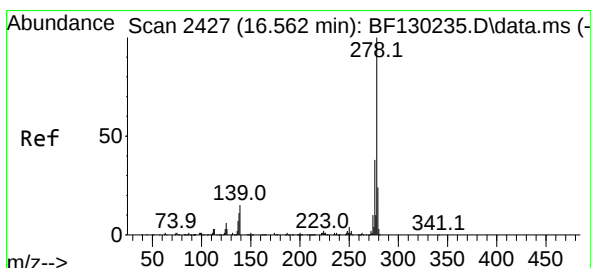
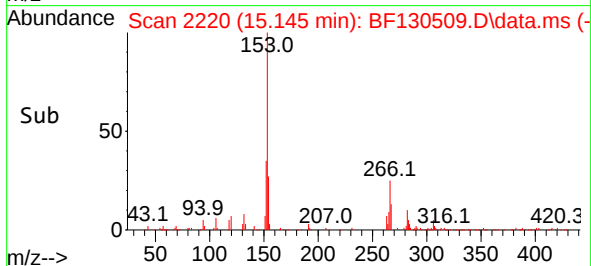
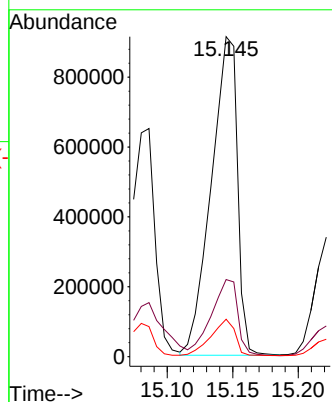
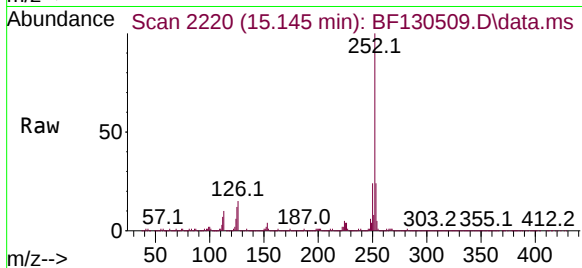
Tgt Ion:252 Resp: 1273001

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

125 11.7 9.0 13.6



#91

Dibenzo(a,h)anthracene

Concen: 19.963 ng

RT: 16.674 min Scan# 2480

Delta R.T. 0.165 min

Lab File: BF130509.D

Acq: 03 Oct 2022 20:32

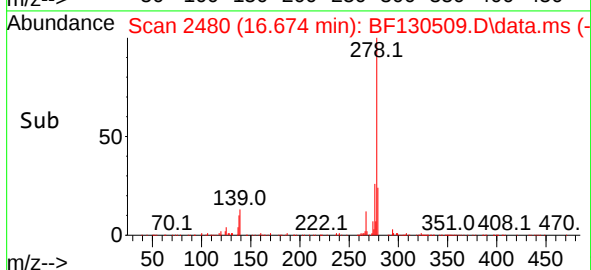
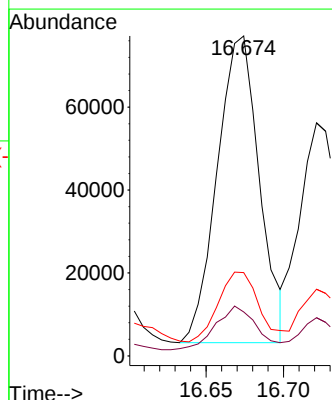
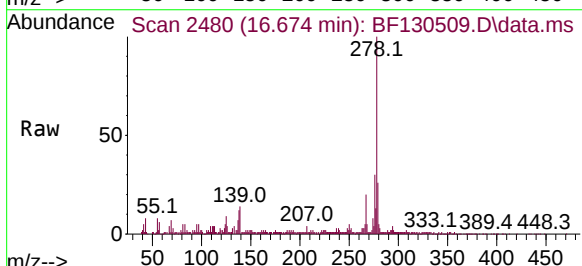
Tgt Ion:278 Resp: 140170

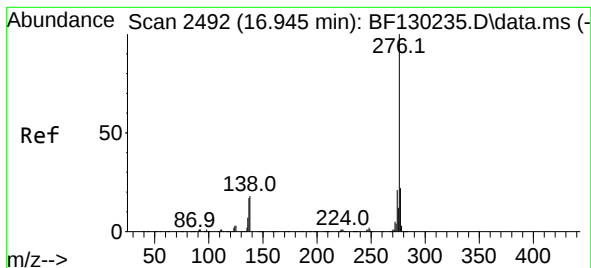
Ion Ratio Lower Upper

278 100

139 13.7 11.8 17.8

279 26.0 19.4 29.0





#92

Benzo(g,h,i)perylene

Concen: 86.563 ng

RT: 16.927 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF130509.D

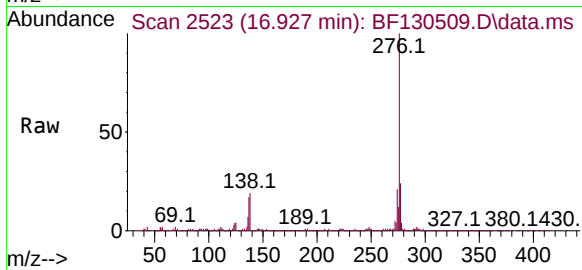
Acq: 03 Oct 2022 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-222



Tgt Ion:276 Resp: 612253

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 18.9 14.6 21.8

