

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133391.D
 Acq On : 15 May 2023 19:23
 Operator : CG\JU
 Sample : 02770-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25990

Quant Time: May 16 03:14:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

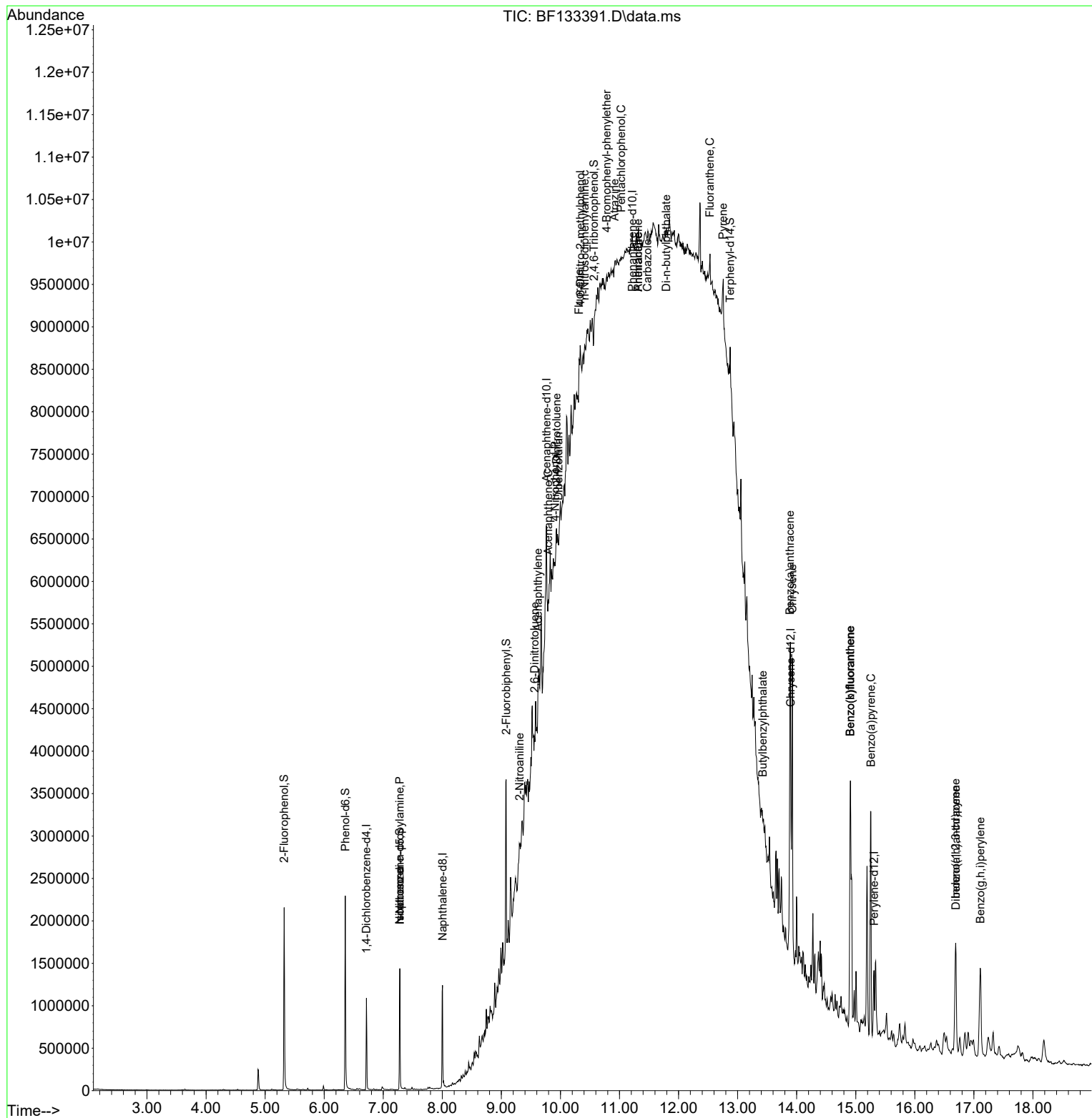
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	151997	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	542739	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	207195	20.000	ng	0.00
64) Phenanthrene-d10	11.216	188	5838	20.000	ng	#-0.02
76) Chrysene-d12	13.898	240	352489	20.000	ng	0.02
86) Perylene-d12	15.309	264	323540	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	619827	61.601	ng	0.00
7) Phenol-d6	6.357	99	714689	57.226	ng	-0.01
23) Nitrobenzene-d5	7.281	82	400273	39.808	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	91654	43.985	ng	0.02
45) 2-Fluorobiphenyl	9.080	172	671198	54.196	ng	0.00
79) Terphenyl-d14	12.874	244	530668	25.965	ng	0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.269	77	1031	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.281	70	51314	6.600	ng	# 80
25) Isophorone	7.281	82	400062	20.955	ng	# 63
48) 2-Nitroaniline	9.310	65	10588	2.664	ng	# 73
49) Acenaphthylene	9.622	152	135433	7.048	ng	# 68
51) 2,6-Dinitrotoluene	9.563	165	14991	4.610	ng	# 29
52) Acenaphthene	9.792	154	60040	4.665	ng	# 91
55) Dibenzofuran	9.969	168	38647	2.202	ng	# 43
56) 4-Nitrophenol	9.910	139	13211	4.412	ng	# 1
57) 2,4-Dinitrotoluene	9.933	165	20377	4.914	ng	# 32
58) Fluorene	10.316	166	73904	5.746	ng	# 70
65) 4,6-Dinitro-2-methylph...	10.339	198	2050	57.933	ng	# 1
66) n-Nitrosodiphenylamine	10.410	169	3327	17.569	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	8508	134.373	ng	# 1
69) Atrazine	10.916	200	9517	174.413	ng	# 1
70) Pentachlorophenol	11.027	266	3537	76.547	ng	# 1
71) Phenanthrene	11.316	178	358682	1143.117	ng	# 79
72) Anthracene	11.316	178	358682	1116.993	ng	# 79
73) Carbazole	11.474	167	3493	12.216	ng	# 1
74) Di-n-butylphthalate	11.792	149	20707	63.994	ng	# 31
75) Fluoranthene	12.527	202	1072603	3406.075	ng	94
78) Pyrene	12.751	202	1419233	46.969	ng	98
80) Butylbenzylphthalate	13.427	149	23486	2.195	ng	# 78
81) Benzo(a)anthracene	13.886	228	1685489	69.535	ng	97
83) Chrysene	13.927	228	1509527	62.291	ng	98
87) Indeno(1,2,3-cd)pyrene	16.692	276	829214	45.057	ng	94
88) Benzo(b)fluoranthene	14.909	252	2301031	111.791	ng	# 95
89) Benzo(k)fluoranthene	14.909	252	2301031	112.774	ng	# 96
90) Benzo(a)pyrene	15.256	252	1277623	68.194	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	191700	12.489	ng	91
92) Benzo(g,h,i)perylene	17.109	276	804204	53.069	ng	99

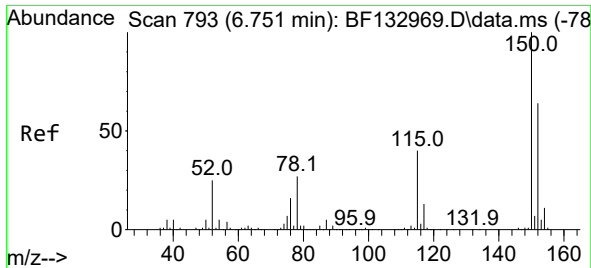
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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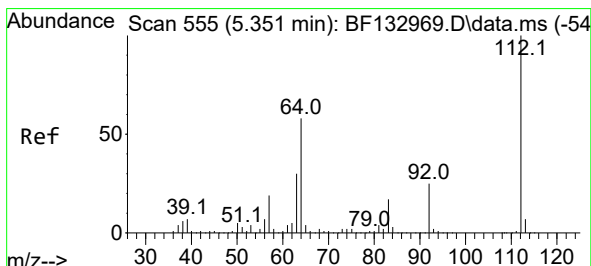
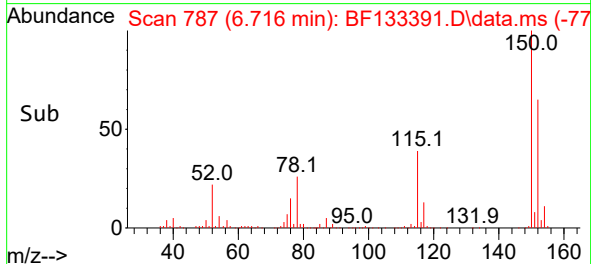
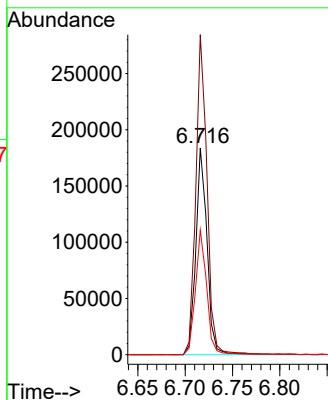
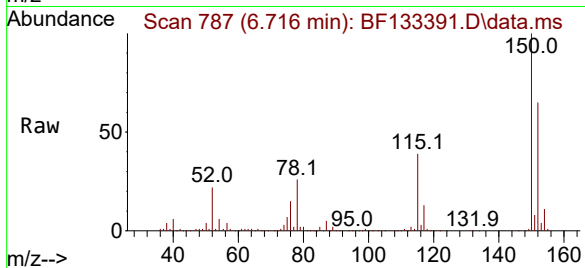




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

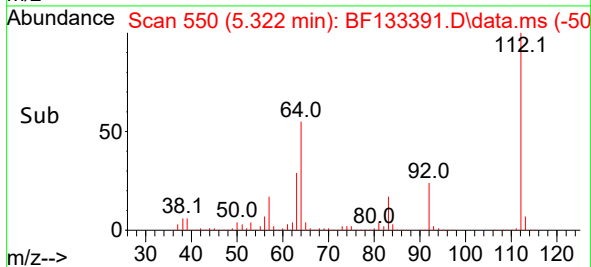
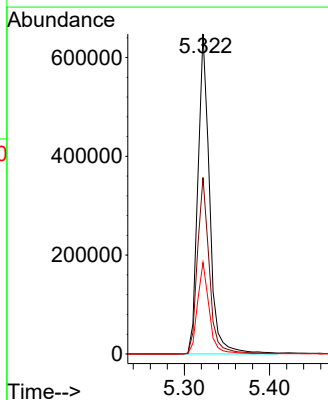
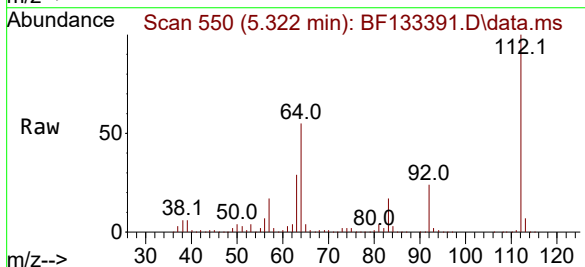
Instrument :
BNA_F
ClientSampleId :
CHRT-25990

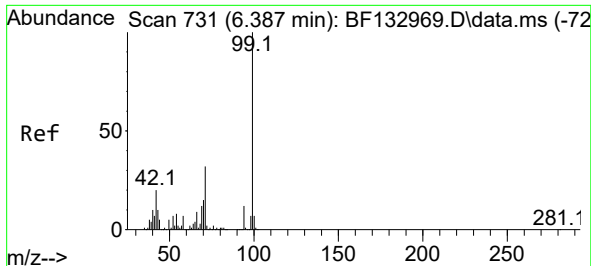
Tgt Ion:152 Resp: 151997
Ion Ratio Lower Upper
152 100
150 154.8 124.8 187.2
115 60.3 49.9 74.9



#5
2-Fluorophenol
Concen: 61.601 ng
RT: 5.322 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

Tgt Ion:112 Resp: 619827
Ion Ratio Lower Upper
112 100
64 55.2 46.8 70.2
63 28.6 23.8 35.8

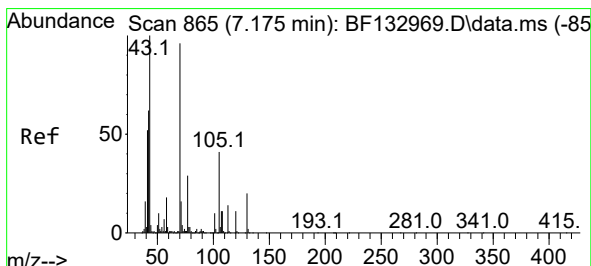
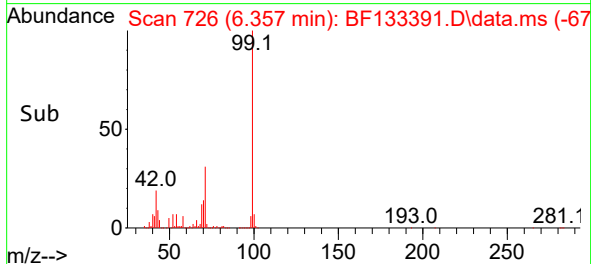
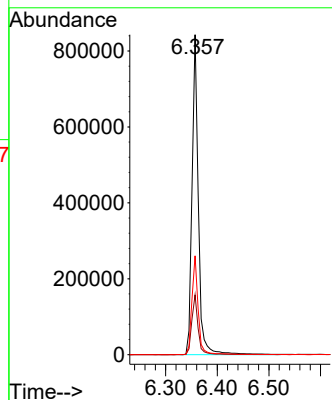
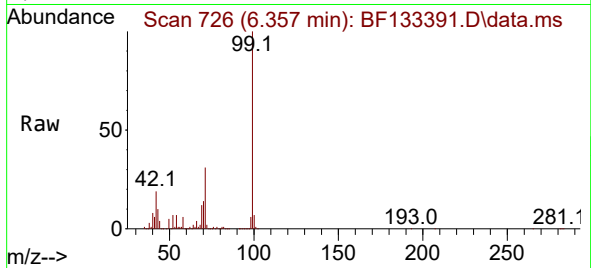




#7
Phenol-d6
Concen: 57.226 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

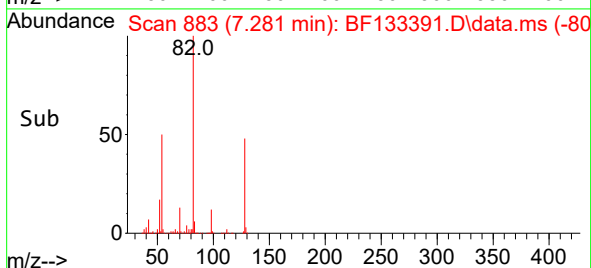
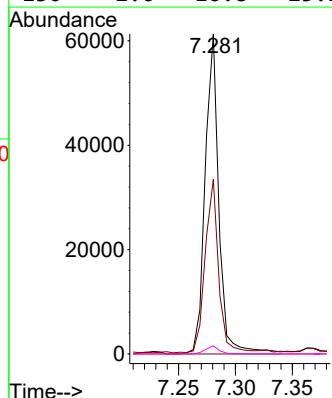
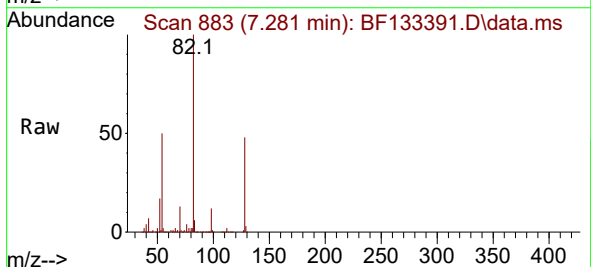
Instrument :
BNA_F
ClientSampleId :
CHRT-25990

Tgt Ion: 99 Resp: 714689
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 30.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.600 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.135 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

Tgt Ion: 70 Resp: 51314
Ion Ratio Lower Upper
70 100
42 54.6 51.8 77.6
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

CHRT-25990

Tgt Ion:136 Resp: 542739

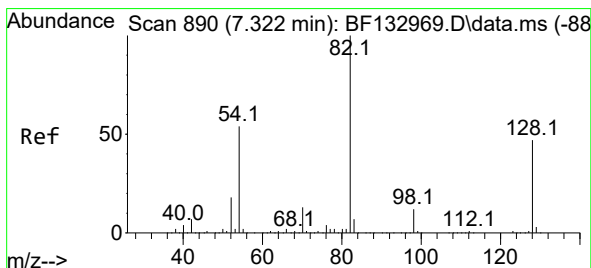
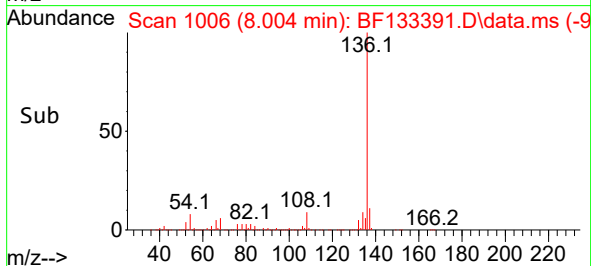
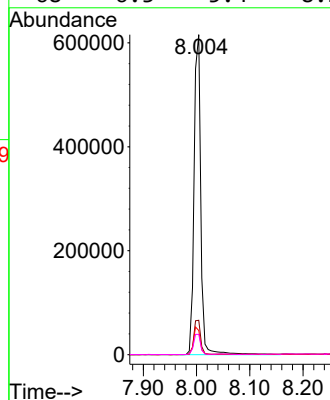
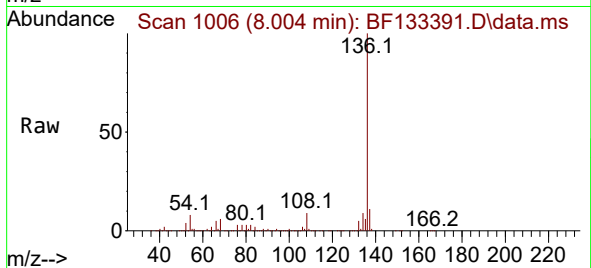
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.6 7.0 10.4

68 6.3 5.4 8.2



#23

Nitrobenzene-d5

Concen: 39.808 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.012 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

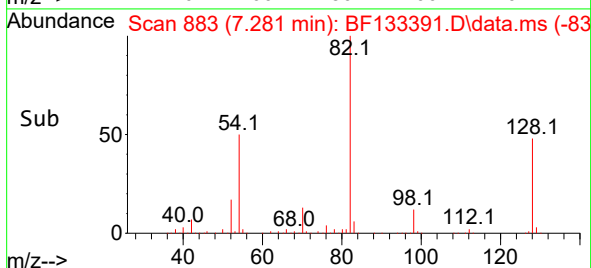
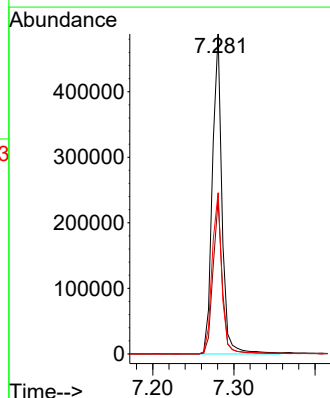
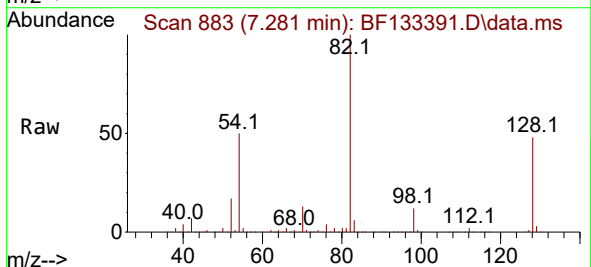
Tgt Ion: 82 Resp: 400273

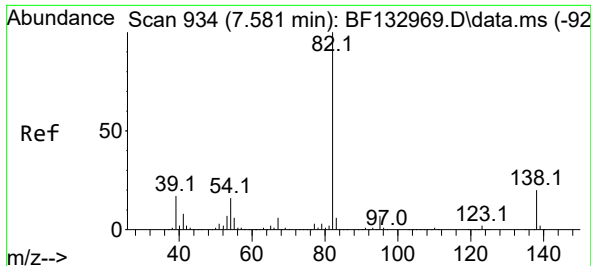
Ion Ratio Lower Upper

82 100

128 48.2 37.7 56.5

54 50.4 43.0 64.4

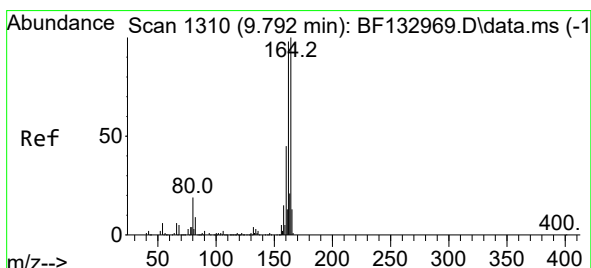
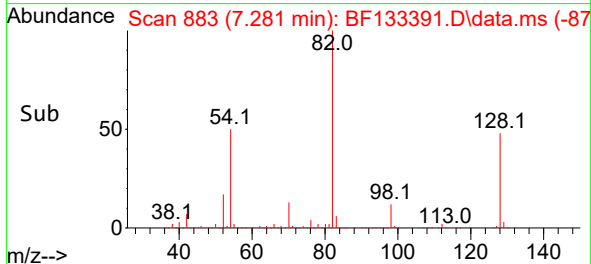
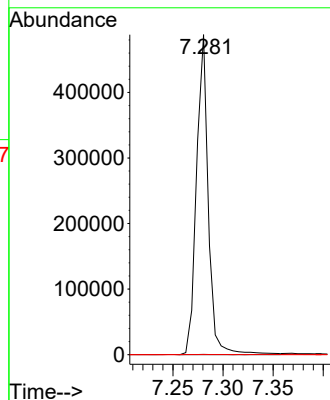
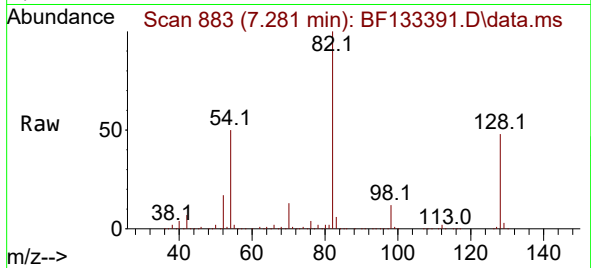




#25
Isophorone
Concen: 20.955 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

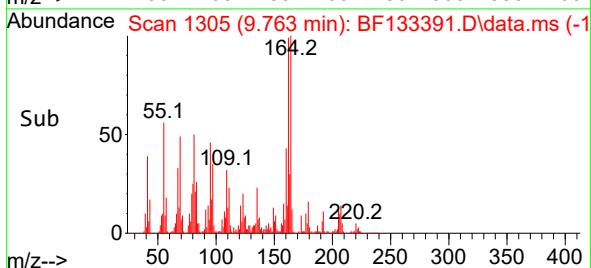
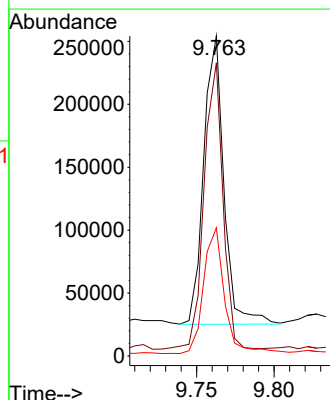
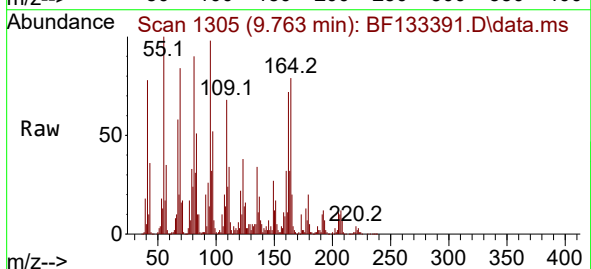
Instrument :
BNA_F
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CHRT-25990

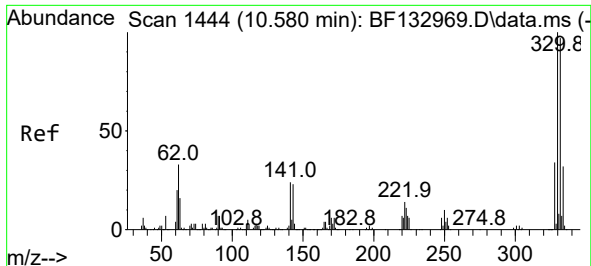
Tgt Ion: 82 Resp: 400062
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

Tgt Ion:164 Resp: 207195
Ion Ratio Lower Upper
164 100
162 91.6 78.7 118.1
160 40.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 43.985 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.018 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

CHRT-25990

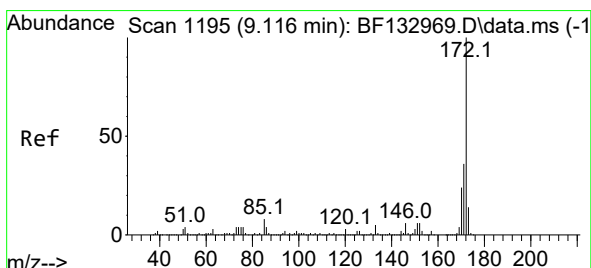
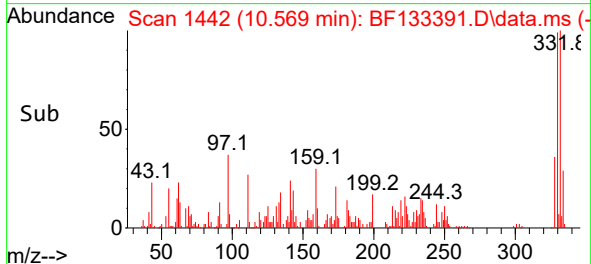
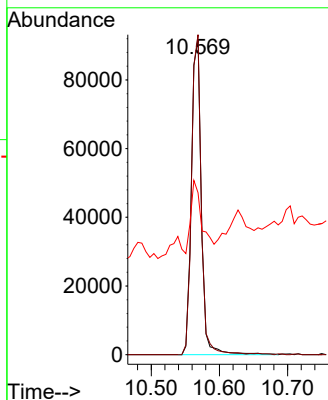
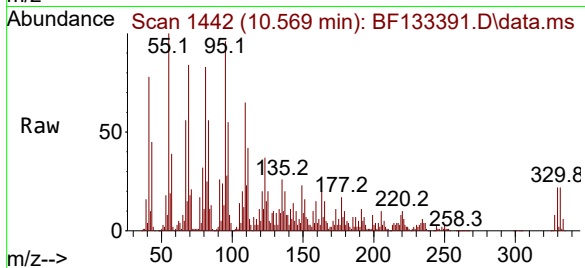
Tgt Ion:330 Resp: 91654

Ion Ratio Lower Upper

330 100

332 99.1 77.1 115.7

141 26.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 54.196 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

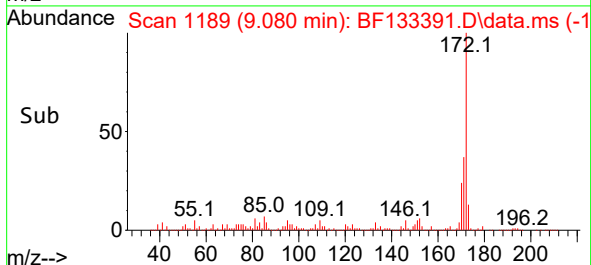
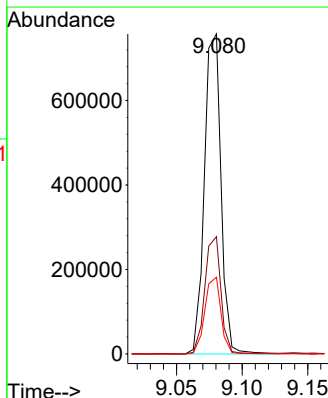
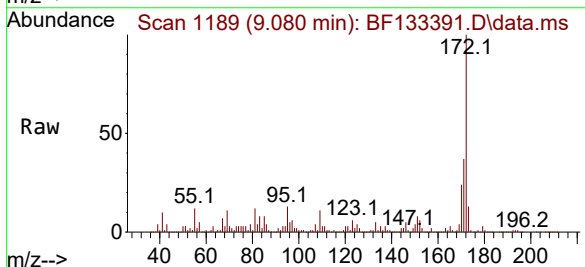
Tgt Ion:172 Resp: 671198

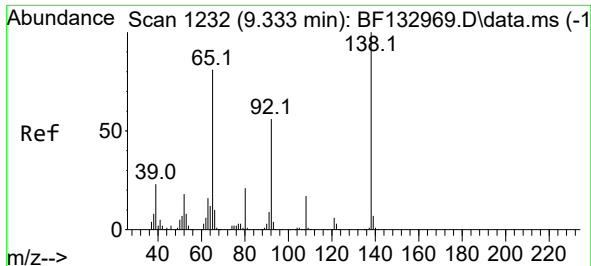
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.0 19.4 29.2

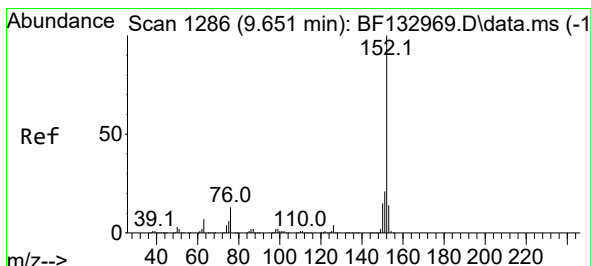
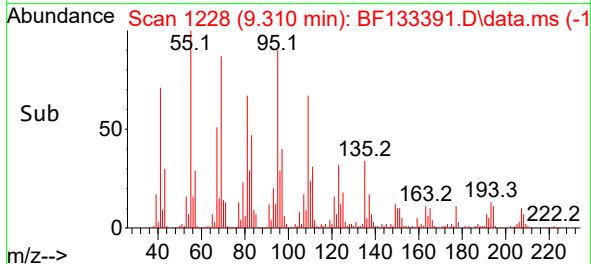
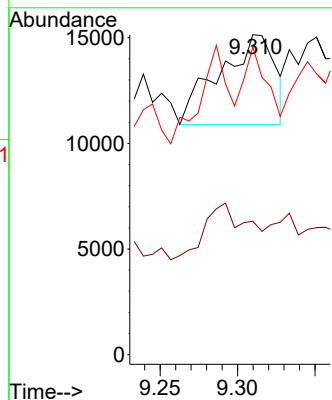
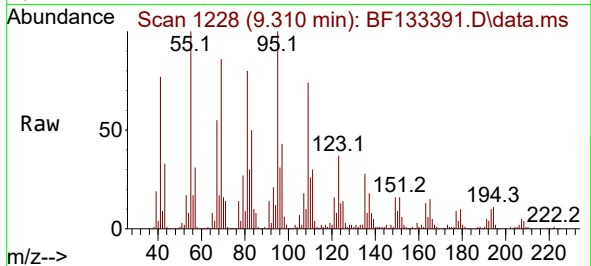




#48
2-Nitroaniline
Concen: 2.664 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

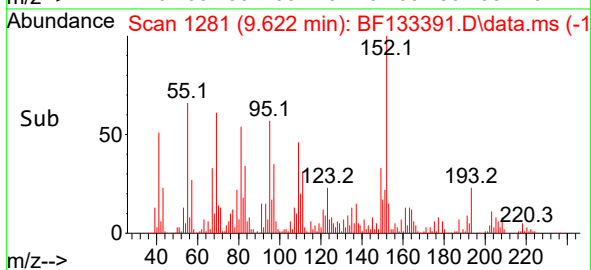
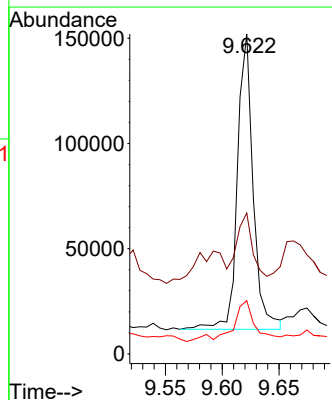
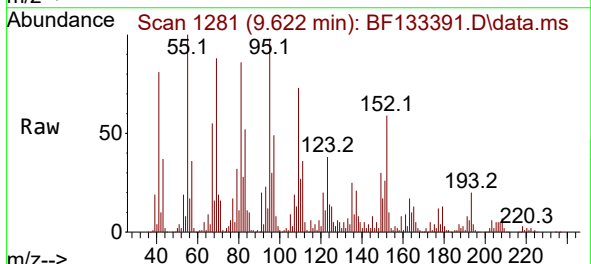
Instrument :
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CHRT-25990

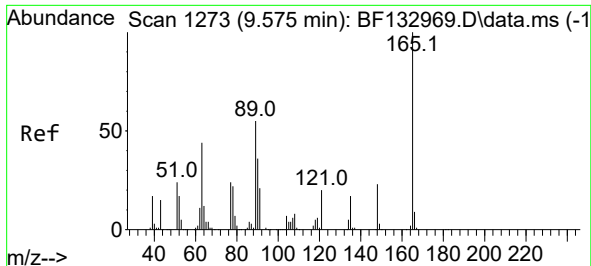
Tgt Ion: 65 Resp: 10588
Ion Ratio Lower Upper
65 100
92 41.7 55.4 83.0#
138 96.2 98.2 147.2#



#49
Acenaphthylene
Concen: 7.048 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

Tgt Ion: 152 Resp: 135433
Ion Ratio Lower Upper
152 100
151 44.1 16.6 24.8#
153 16.6 11.5 17.3

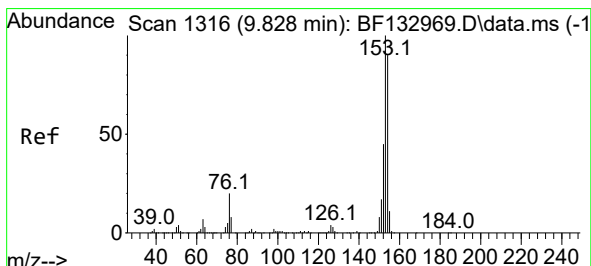
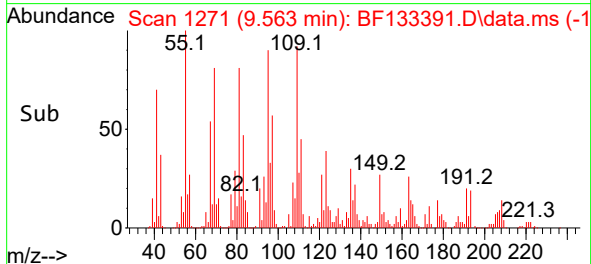
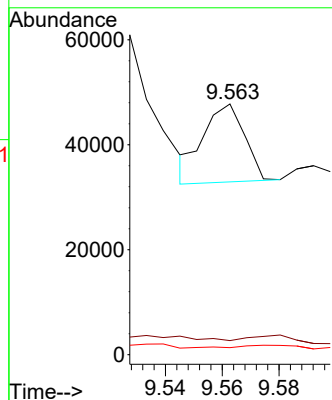
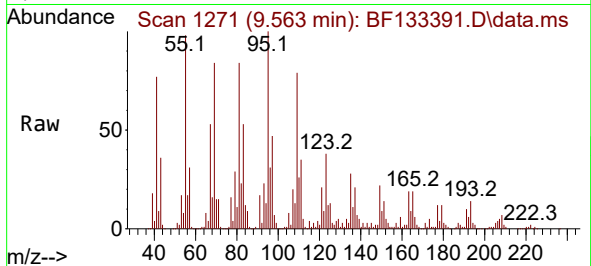




#51
2,6-Dinitrotoluene
Concen: 4.610 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

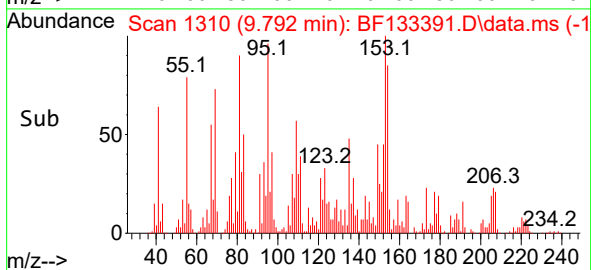
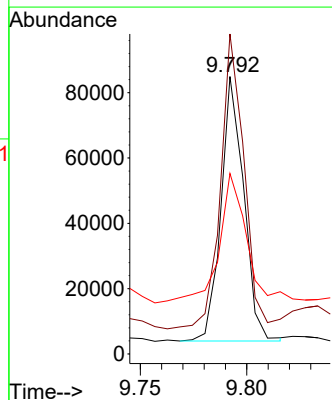
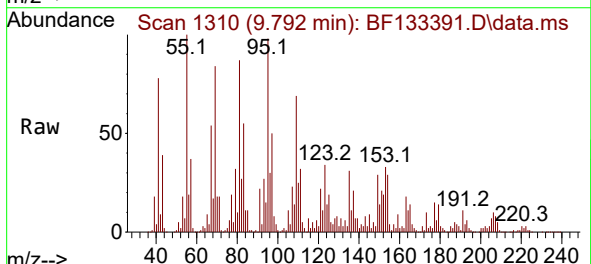
Instrument :
BNA_F
ClientSampleId :
CHRT-25990

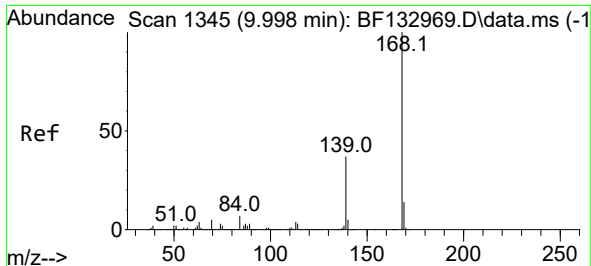
Tgt Ion:165 Resp: 14991
Ion Ratio Lower Upper
165 100
63 5.6 45.9 68.9#
89 2.8 44.0 66.0#



#52
Acenaphthene
Concen: 4.665 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

Tgt Ion:154 Resp: 60040
Ion Ratio Lower Upper
154 100
153 115.4 89.0 133.6
152 65.1 40.4 60.6#





#55

Dibenzenofuran

Concen: 2.202 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

CHRT-25990

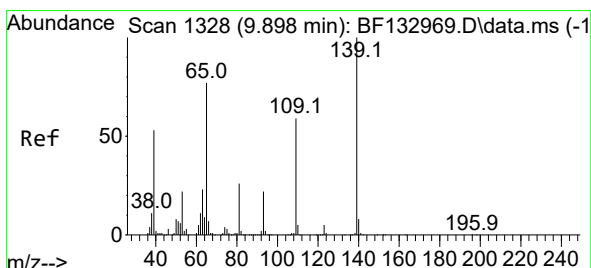
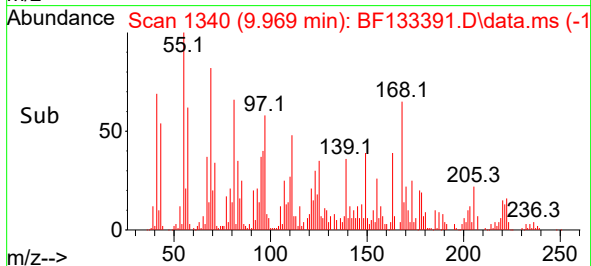
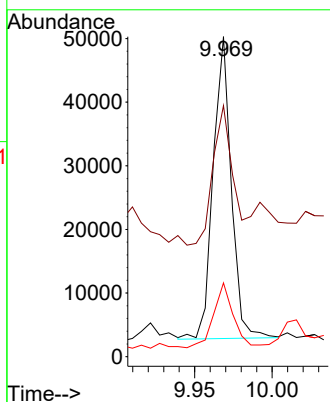
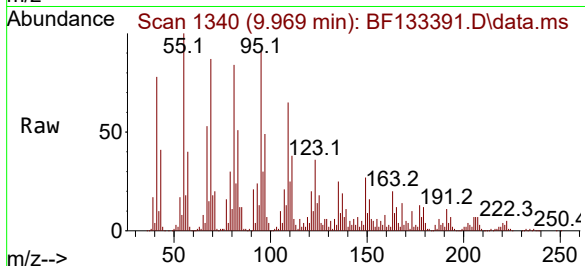
Tgt Ion:168 Resp: 38647

Ion Ratio Lower Upper

168 100

139 78.4 29.8 44.8#

169 23.0 10.8 16.2#



#56

4-Nitrophenol

Concen: 4.412 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.023 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

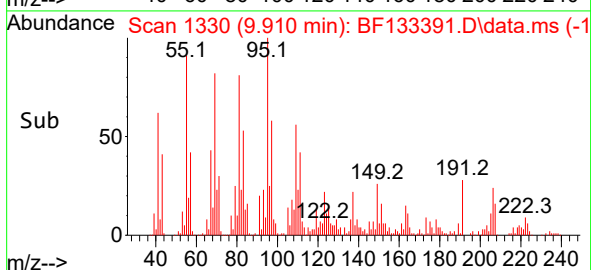
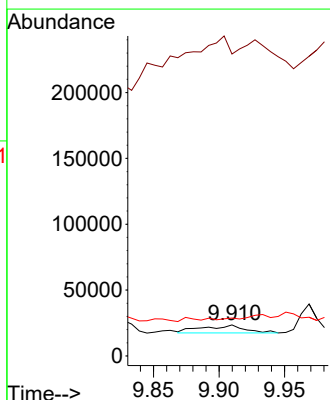
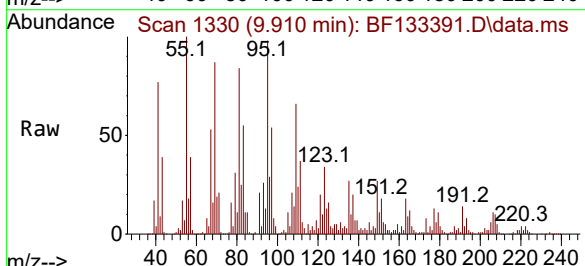
Tgt Ion:139 Resp: 13211

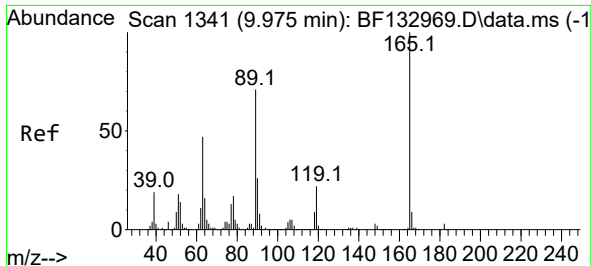
Ion Ratio Lower Upper

139 100

109 973.1 39.4 79.4#

65 122.4 57.5 97.5#





#57

2,4-Dinitrotoluene

Concen: 4.914 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.018 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

CHRT-25990

Tgt Ion:165 Resp: 20377

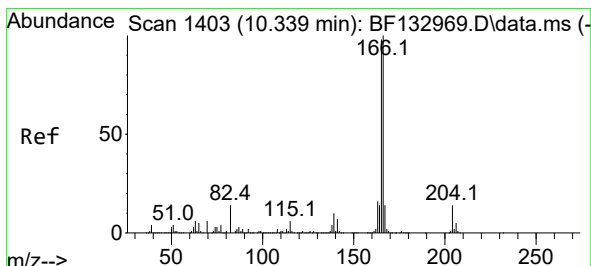
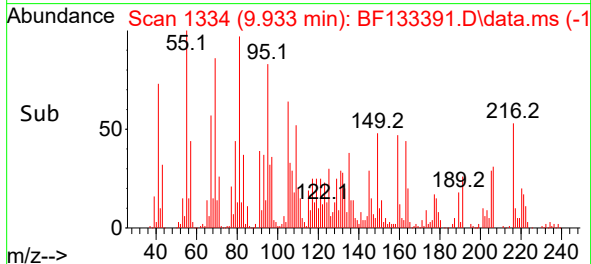
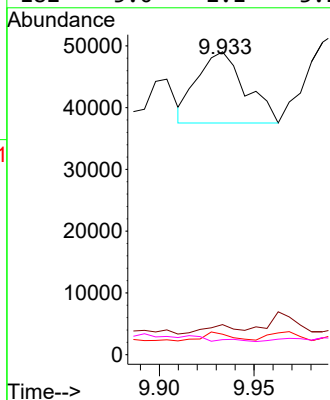
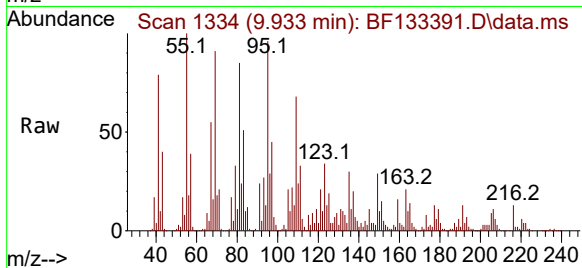
Ion Ratio Lower Upper

165 100

63 10.0 37.7 56.5#

89 6.8 57.0 85.4#

182 5.0 2.1 3.1#



#58

Fluorene

Concen: 5.746 ng

RT: 10.316 min Scan# 1399

Delta R.T. 0.006 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

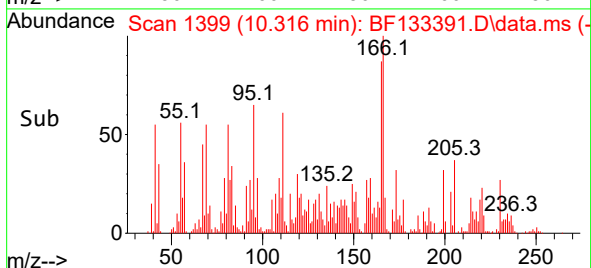
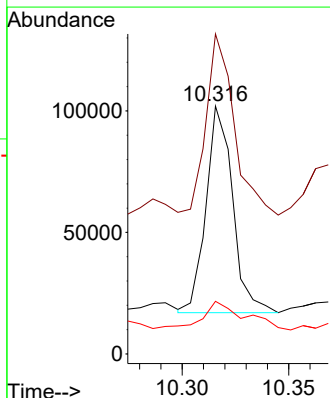
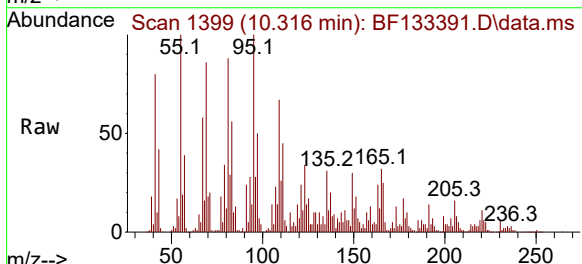
Tgt Ion:166 Resp: 73904

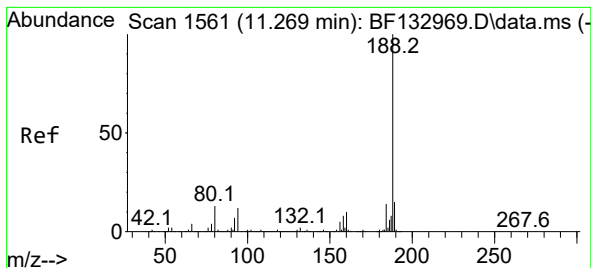
Ion Ratio Lower Upper

166 100

165 129.1 78.6 117.8#

167 21.2 11.0 16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.216 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

CHRT-25990

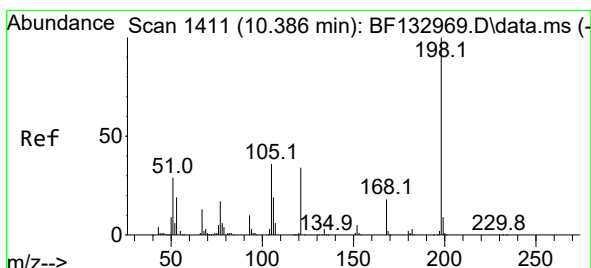
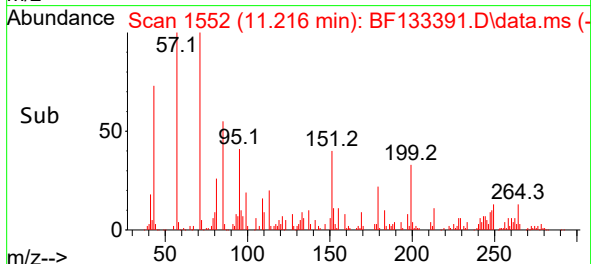
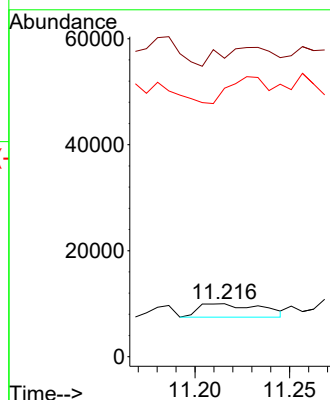
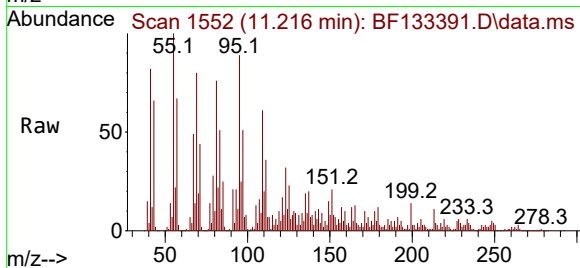
Tgt Ion:188 Resp: 5838

Ion Ratio Lower Upper

188 100

94 562.7 9.7 14.5#

80 506.4 10.4 15.6#



#65

4,6-Dinitro-2-methylphenol

Concen: 57.933 ng

RT: 10.339 min Scan# 1403

Delta R.T. -0.024 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

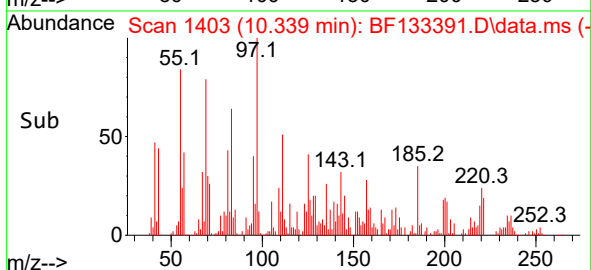
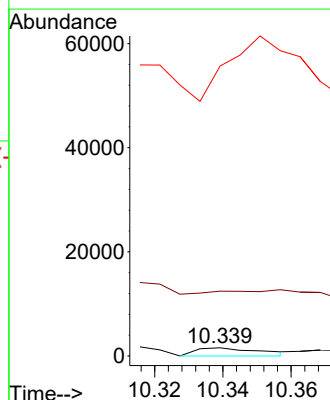
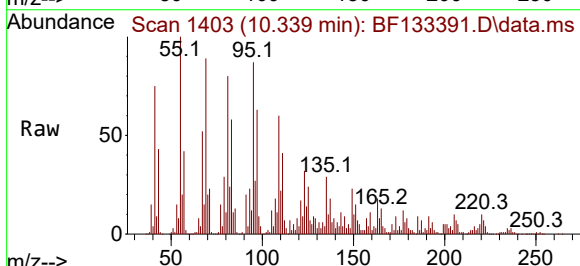
Tgt Ion:198 Resp: 2050

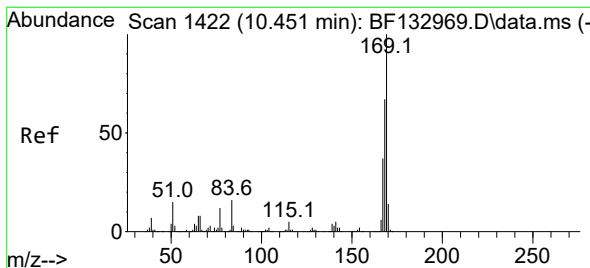
Ion Ratio Lower Upper

198 100

51 790.9 15.5 55.5#

105 3542.5 16.7 56.7#

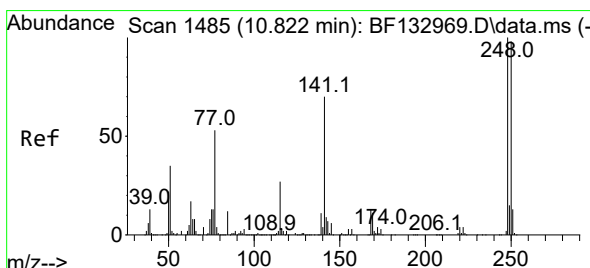
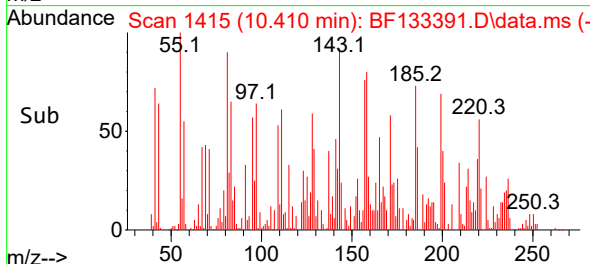
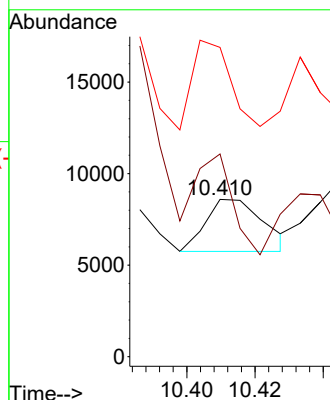
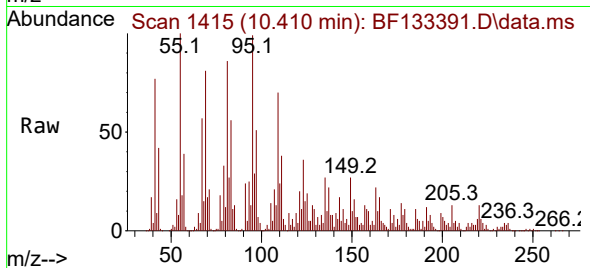




#66
n-Nitrosodiphenylamine
Concen: 17.569 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

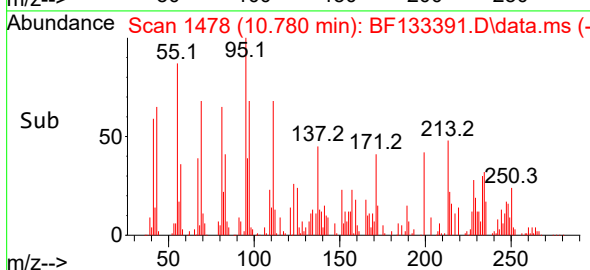
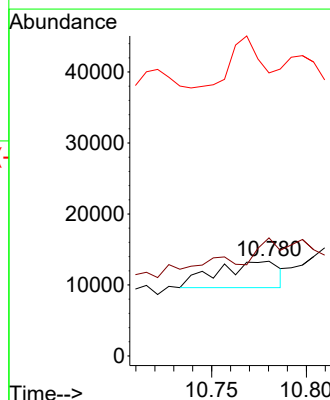
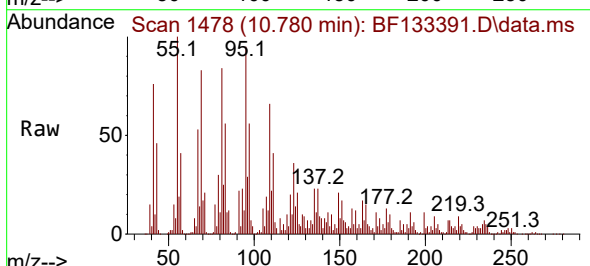
Instrument :
BNA_F
ClientSampleId :
CHRT-25990

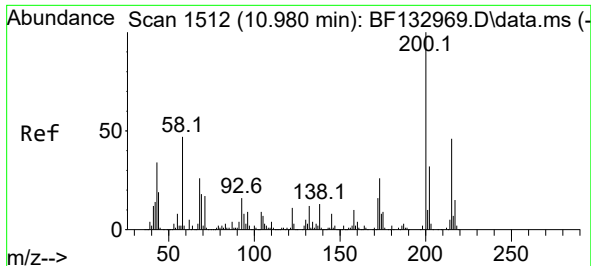
Tgt Ion:169 Resp: 3327
Ion Ratio Lower Upper
169 100
168 128.9 53.8 80.8#
167 196.7 29.7 44.5#



#67
4-Bromophenyl-phenylether
Concen: 134.373 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

Tgt Ion:248 Resp: 8508
Ion Ratio Lower Upper
248 100
250 124.7 78.7 118.1#
141 298.8 56.3 84.5#

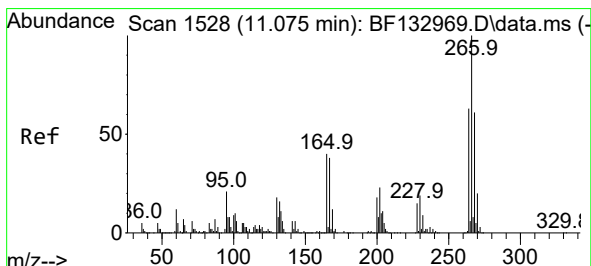
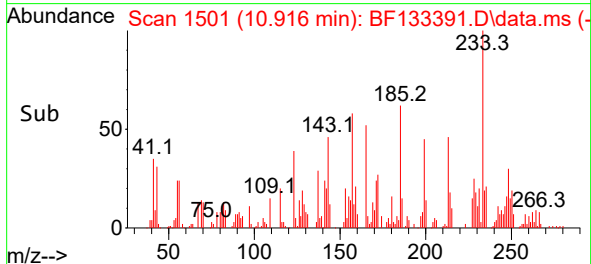
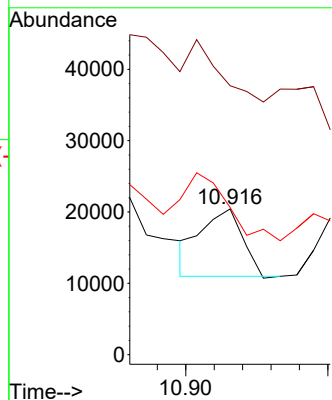
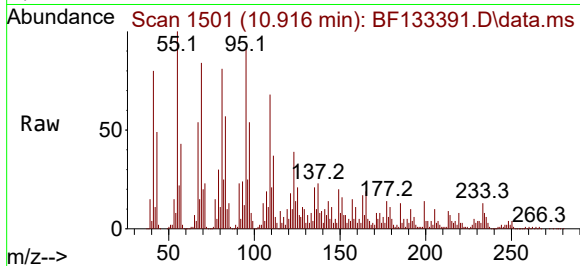




#69
Atrazine
Concen: 174.413 ng
RT: 10.916 min Scan# 1512
Delta R.T. -0.035 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

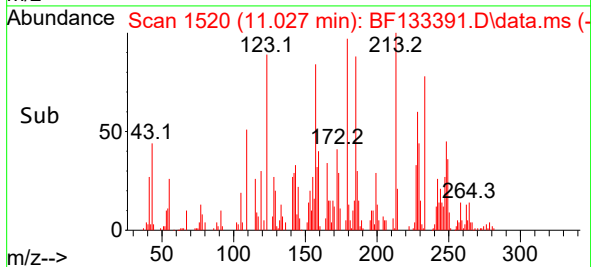
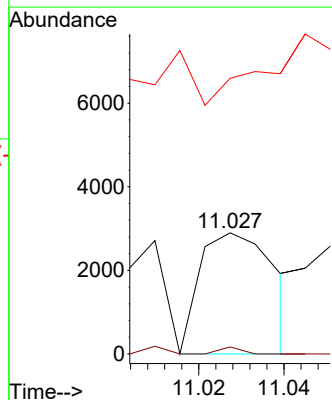
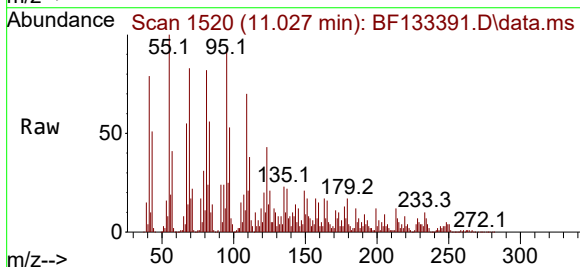
Instrument :
BNA_F
ClientSampleId :
CHRT-25990

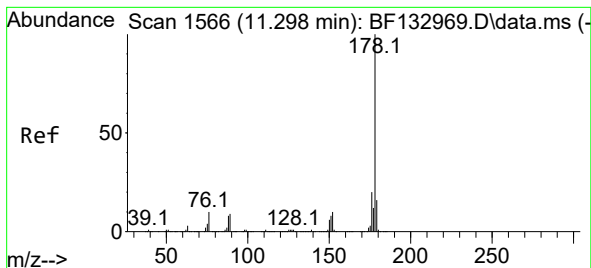
Tgt Ion:200 Resp: 9517
Ion Ratio Lower Upper
200 100
173 184.5 6.2 46.2#
215 101.0 26.3 66.3#



#70
Pentachlorophenol
Concen: 76.547 ng
RT: 11.027 min Scan# 1520
Delta R.T. -0.024 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

Tgt Ion:266 Resp: 3537
Ion Ratio Lower Upper
266 100
268 5.8 48.8 73.2#
264 227.6 50.6 76.0#





#71

Phenanthrene

Concen: 1143.117 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.047 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

CHRT-25990

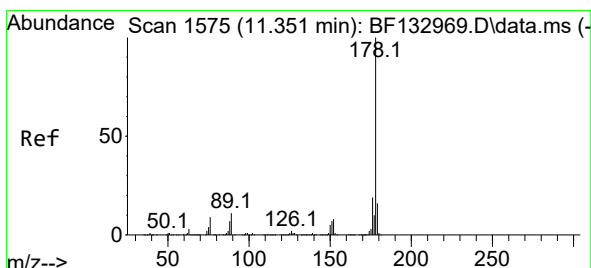
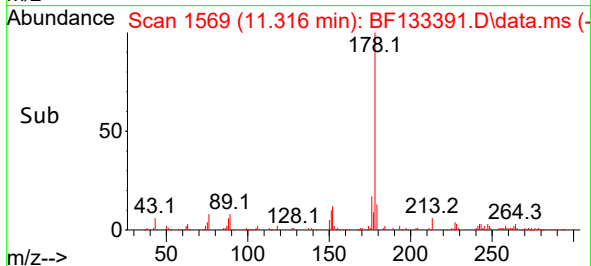
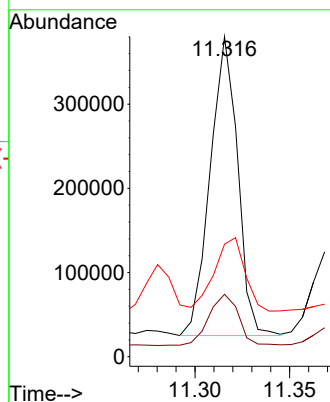
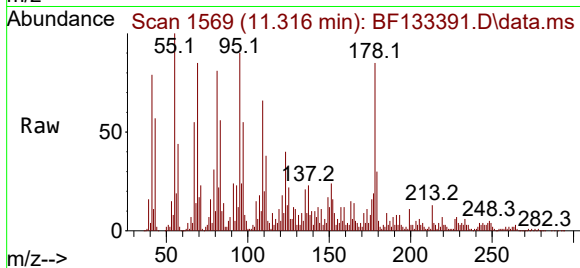
Tgt Ion:178 Resp: 358682

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 35.2 12.5 18.7#



#72

Anthracene

Concen: 1116.993 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

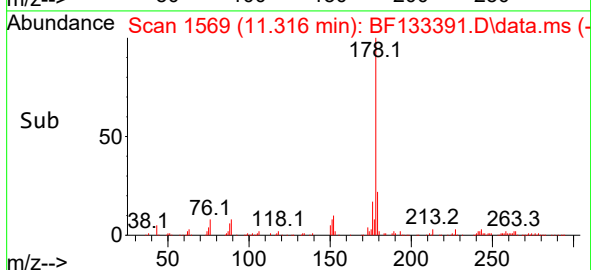
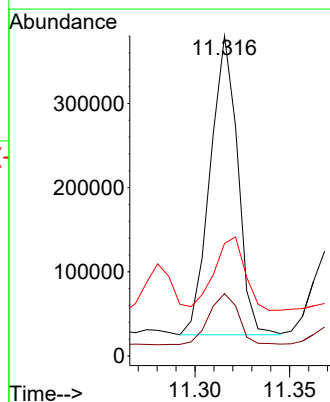
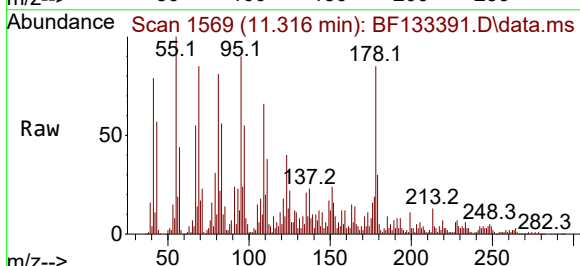
Tgt Ion:178 Resp: 358682

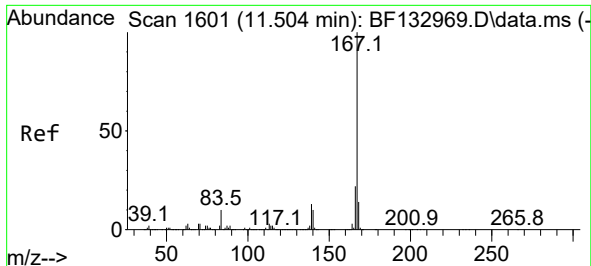
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 35.2 12.4 18.6#

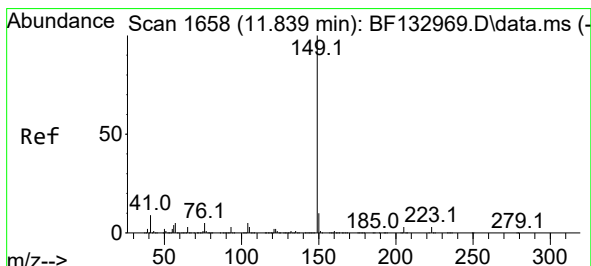
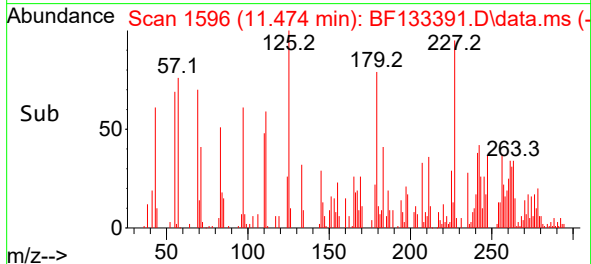
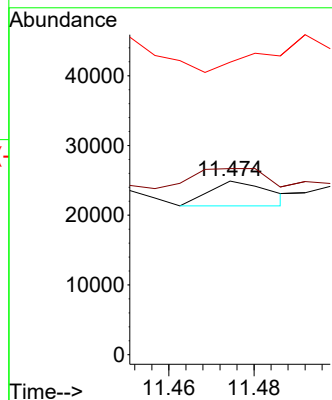
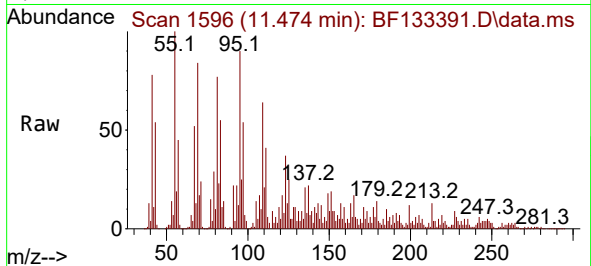




#73
 Carbazole
 Concen: 12.216 ng
 RT: 11.474 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133391.D
 Acq: 15 May 2023 19:23

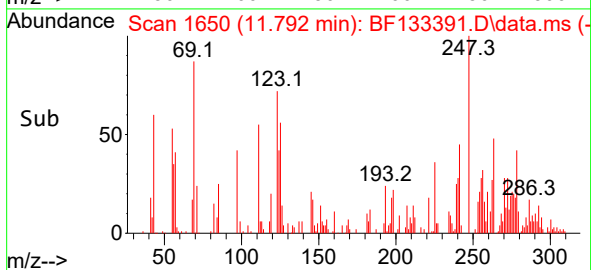
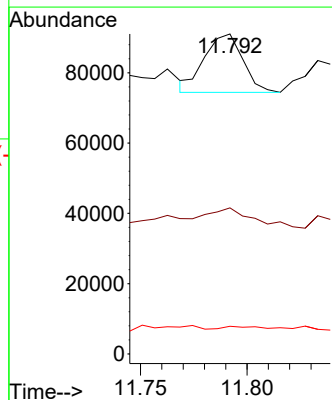
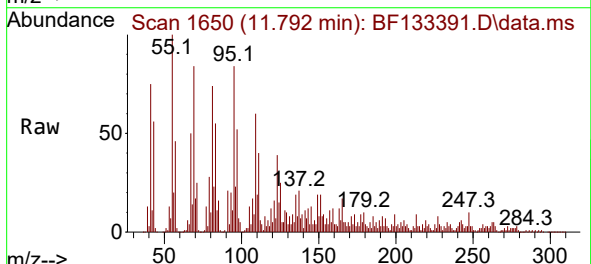
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25990

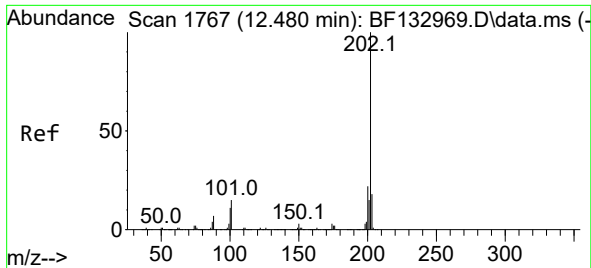
Tgt Ion:167 Resp: 3493
 Ion Ratio Lower Upper
 167 100
 166 107.2 17.4 26.0#
 139 168.5 10.6 16.0#



#74
 Di-n-butylphthalate
 Concen: 63.994 ng
 RT: 11.792 min Scan# 1650
 Delta R.T. -0.012 min
 Lab File: BF133391.D
 Acq: 15 May 2023 19:23

Tgt Ion:149 Resp: 20707
 Ion Ratio Lower Upper
 149 100
 150 45.7 7.6 11.4#
 104 8.7 4.0 6.0#

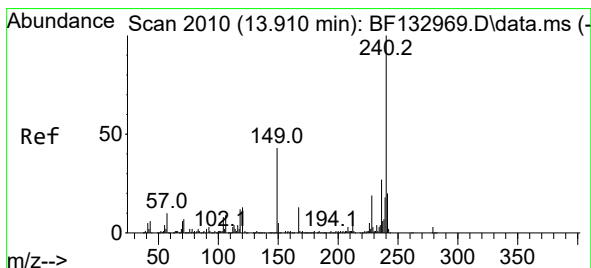
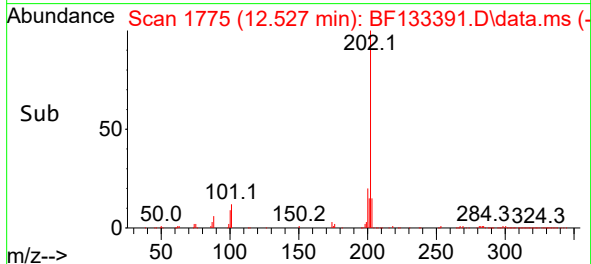
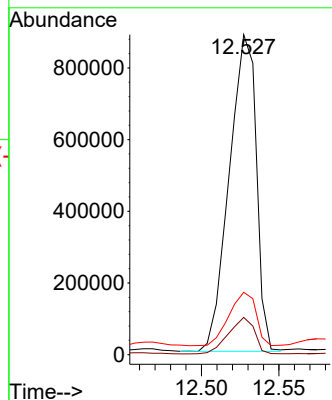
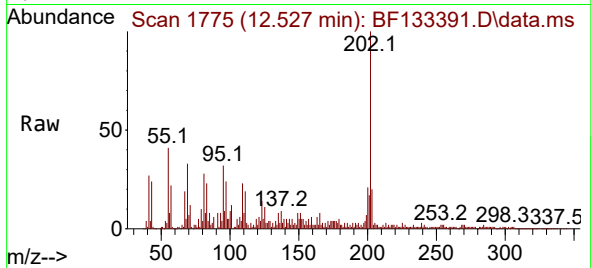




#75
Fluoranthene
Concen: 3406.075 ng
RT: 12.527 min Scan# 1
Delta R.T. 0.076 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

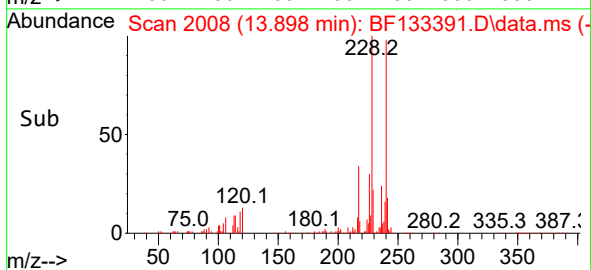
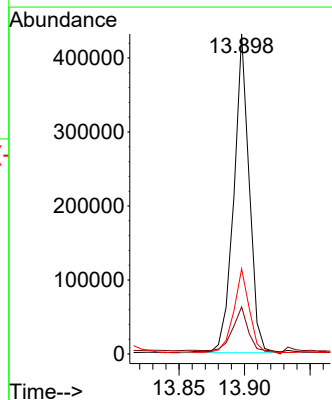
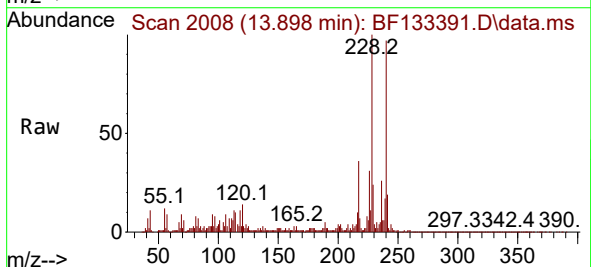
Instrument :
BNA_F
ClientSampleId :
CHRT-25990

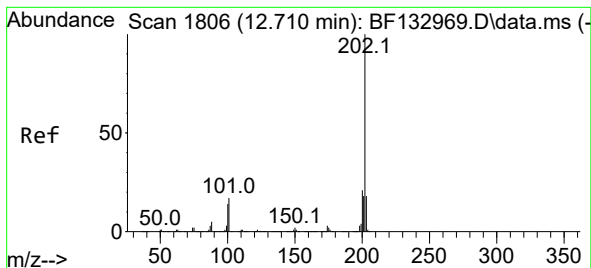
Tgt Ion:202 Resp: 1072603
Ion Ratio Lower Upper
202 100
101 11.6 0.0 35.3
203 19.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

Tgt Ion:240 Resp: 352489
Ion Ratio Lower Upper
240 100
120 14.7 10.5 15.7
236 26.6 21.5 32.3





#78

Pyrene

Concen: 46.969 ng

RT: 12.751 min Scan# 1813

Delta R.T. 0.071 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

CHRT-25990

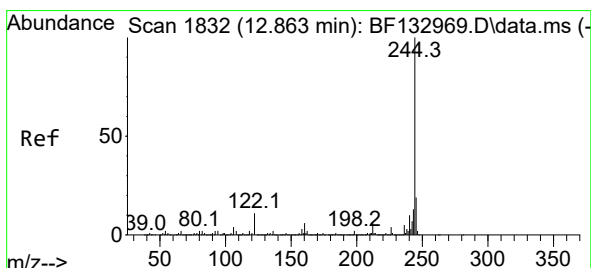
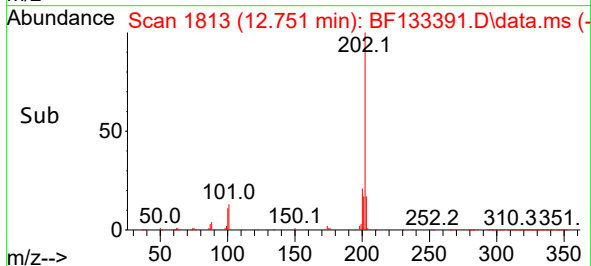
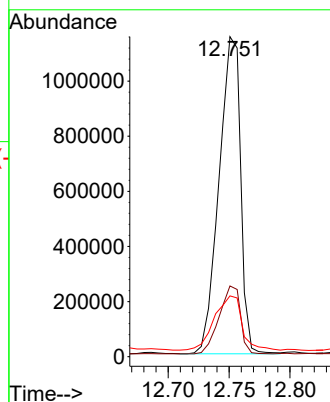
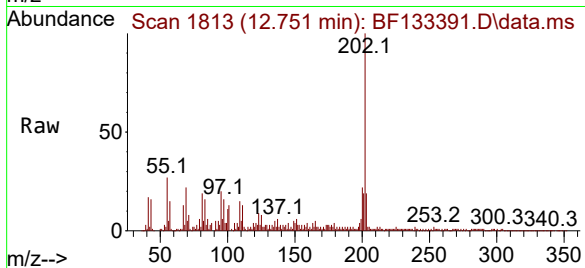
Tgt Ion:202 Resp: 1419233

Ion Ratio Lower Upper

202 100

200 22.1 17.1 25.7

203 19.0 14.1 21.1



#79

Terphenyl-d14

Concen: 25.965 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.047 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

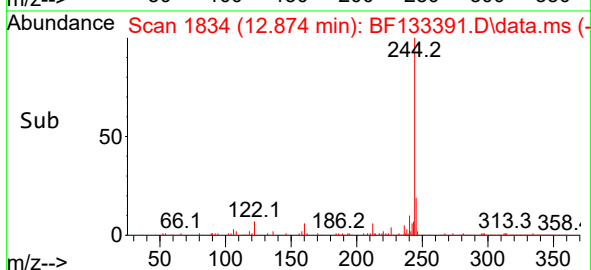
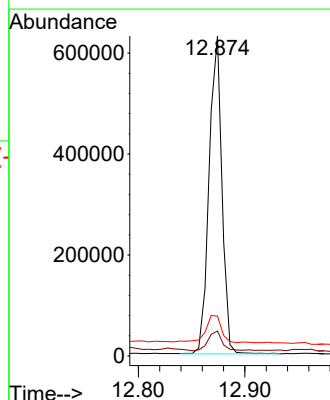
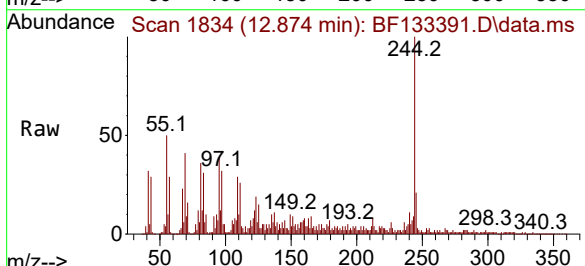
Tgt Ion:244 Resp: 530668

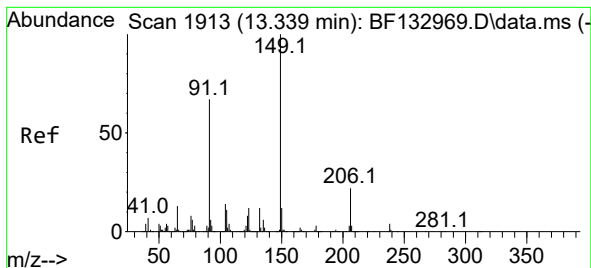
Ion Ratio Lower Upper

244 100

212 7.8 5.1 7.7#

122 12.5 8.6 13.0





#80

Butylbenzylphthalate

Concen: 2.195 ng

RT: 13.427 min Scan# 1913

Delta R.T. 0.123 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

CHRT-25990

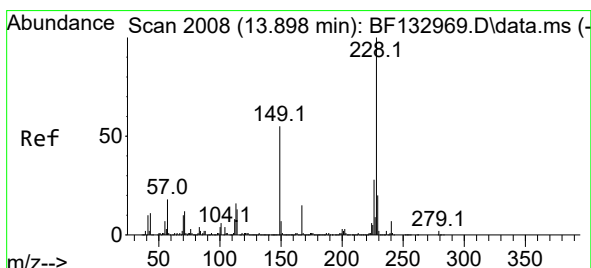
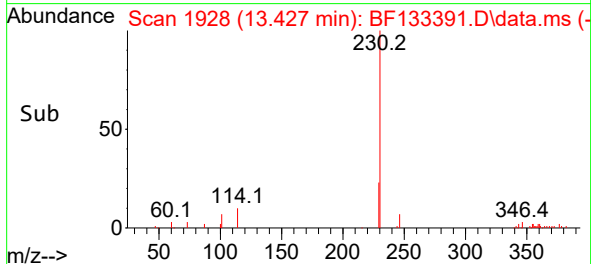
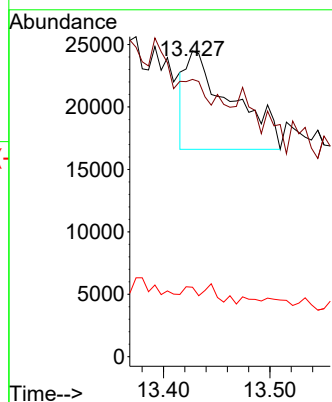
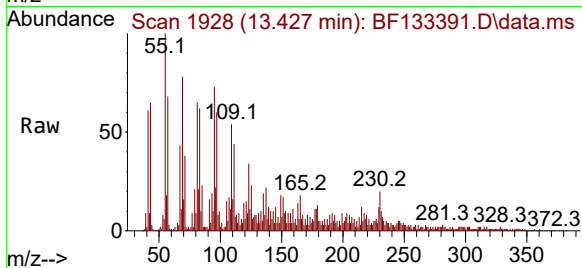
Tgt Ion:149 Resp: 23486

Ion Ratio Lower Upper

149 100

91 90.7 53.8 80.6#

206 22.7 17.5 26.3



#81

Benzo(a)anthracene

Concen: 69.535 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.018 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

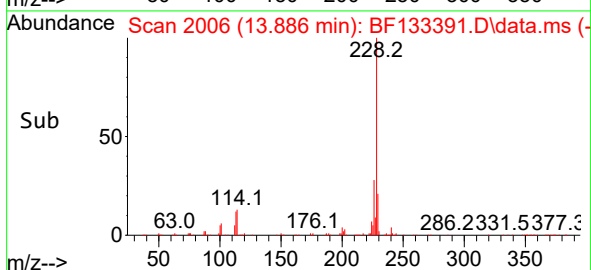
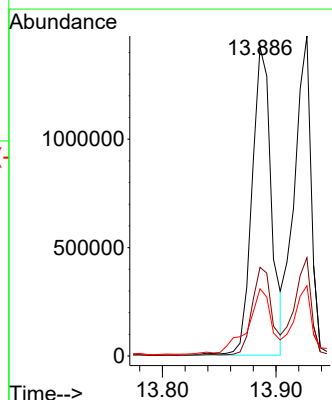
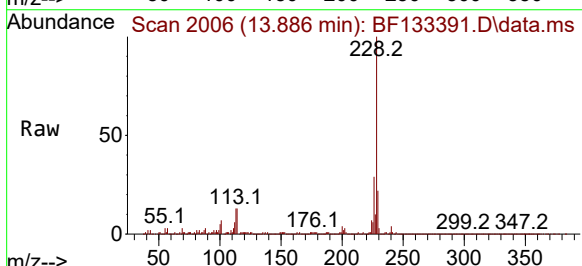
Tgt Ion:228 Resp: 1685489

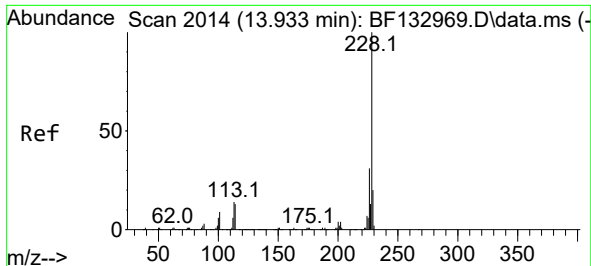
Ion Ratio Lower Upper

228 100

226 28.7 22.2 33.4

229 21.8 16.0 24.0

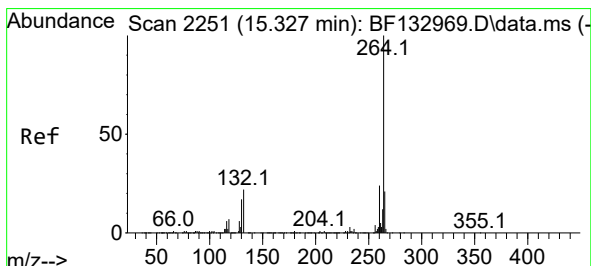
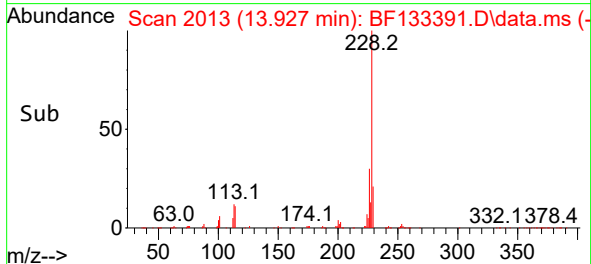
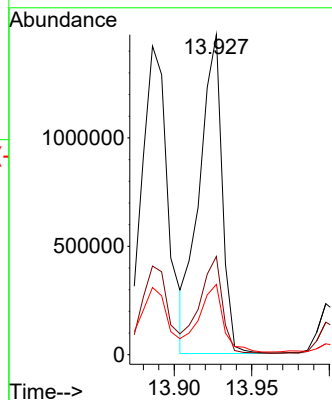
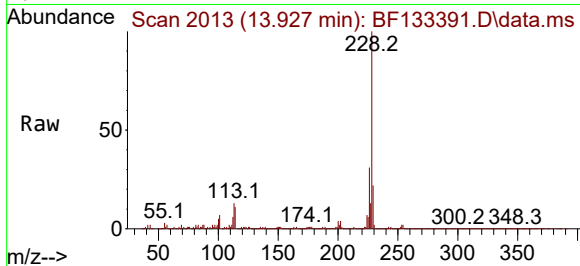




#83
Chrysene
Concen: 62.291 ng
RT: 13.927 min Scan# 20
Delta R.T. 0.023 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

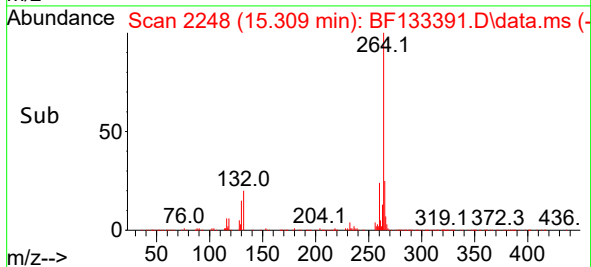
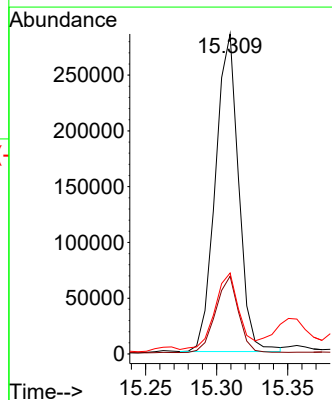
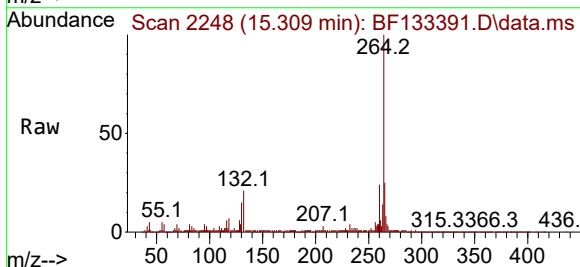
Instrument :
BNA_F
ClientSampleId :
CHRT-25990

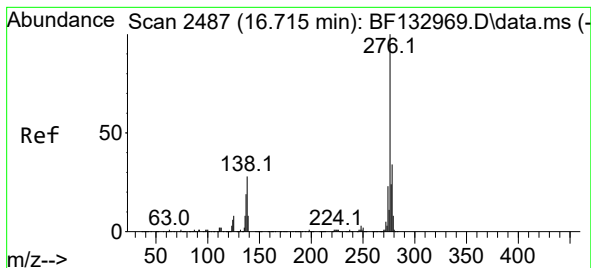
Tgt Ion:228 Resp: 1509527
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 21.9 16.1 24.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.309 min Scan# 2248
Delta R.T. 0.018 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

Tgt Ion:264 Resp: 323540
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 25.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.057 ng

RT: 16.692 min Scan# 24

Delta R.T. 0.012 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

CHRT-25990

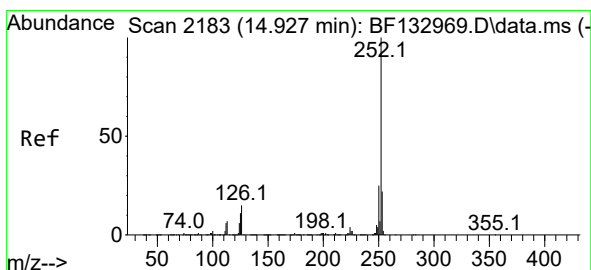
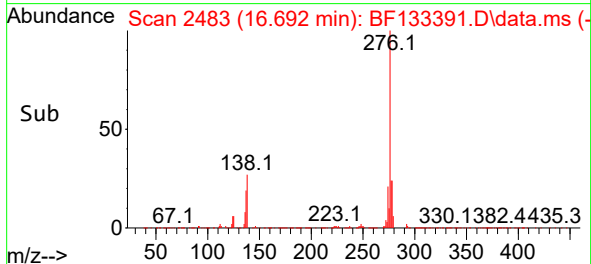
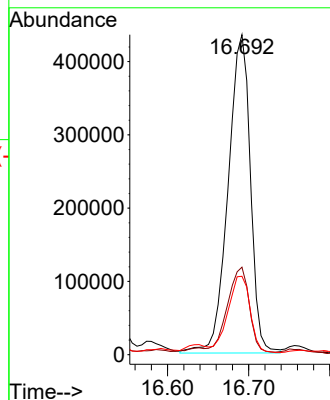
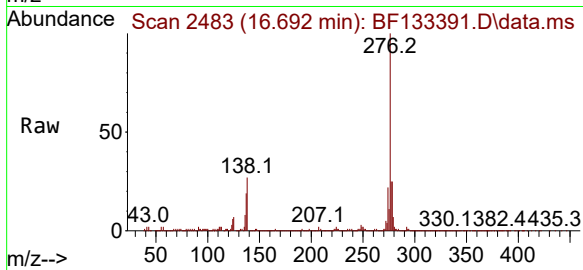
Tgt Ion:276 Resp: 829214

Ion Ratio Lower Upper

276 100

138 27.0 25.5 38.3

277 23.9 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 111.791 ng

RT: 14.909 min Scan# 2180

Delta R.T. 0.018 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

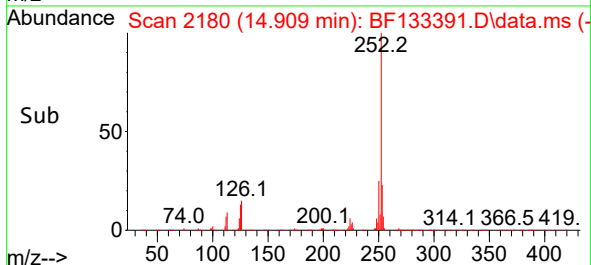
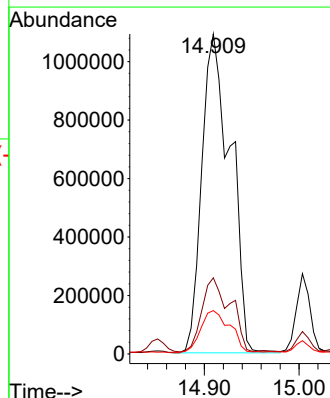
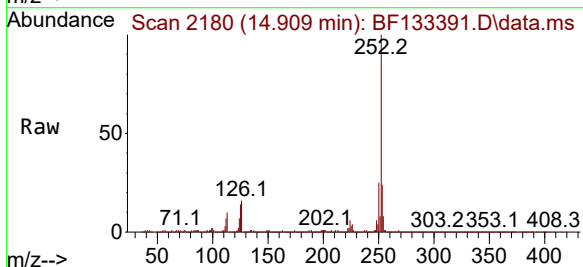
Tgt Ion:252 Resp: 2301031

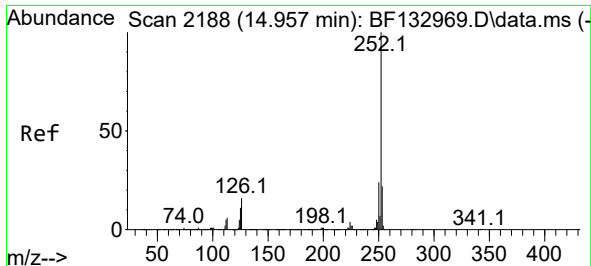
Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

125 13.5 8.9 13.3#

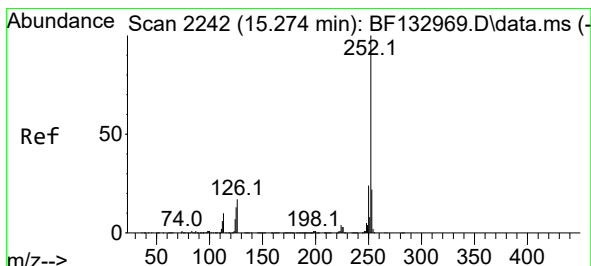
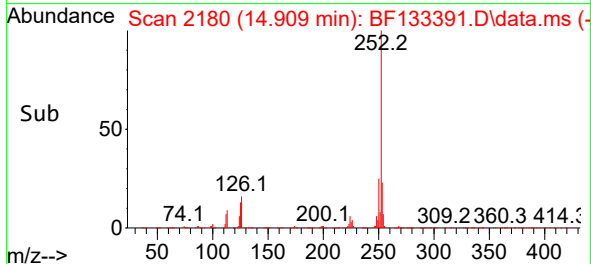
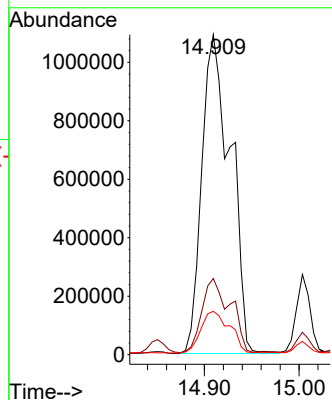
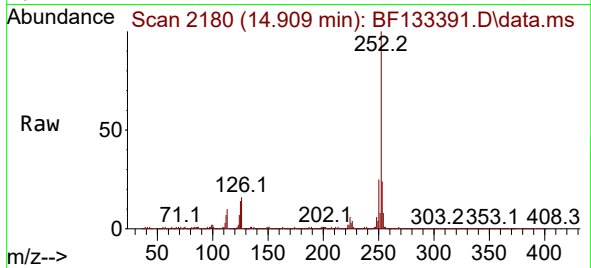




#89
Benzo(k)fluoranthene
Concen: 112.774 ng
RT: 14.909 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

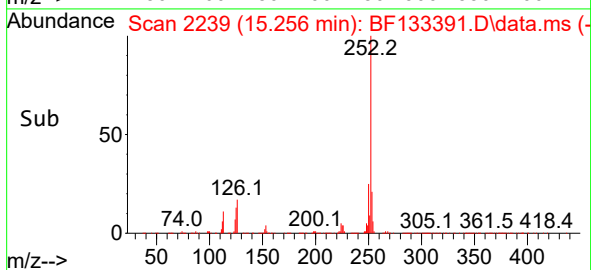
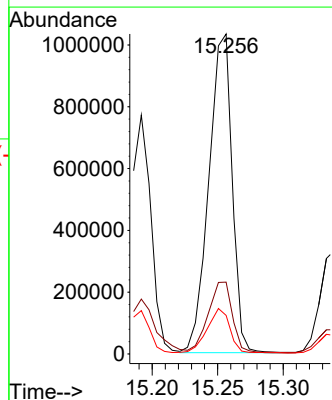
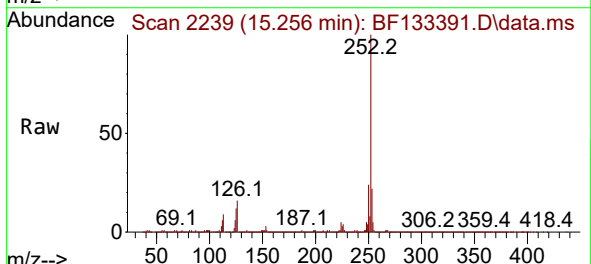
Instrument :
BNA_F
ClientSampleId :
CHRT-25990

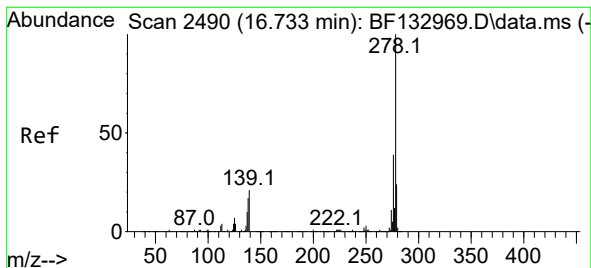
Tgt Ion:252 Resp: 2301031
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 13.5 9.0 13.4#



#90
Benzo(a)pyrene
Concen: 68.194 ng
RT: 15.256 min Scan# 2239
Delta R.T. 0.018 min
Lab File: BF133391.D
Acq: 15 May 2023 19:23

Tgt Ion:252 Resp: 1277623
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.0 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 12.489 ng

RT: 16.698 min Scan# 2484

Delta R.T. 0.006 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

Instrument :

BNA_F

ClientSampleId :

CHRT-25990

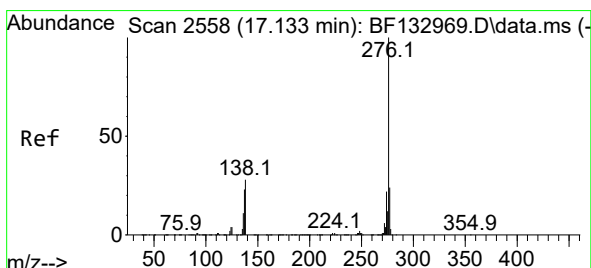
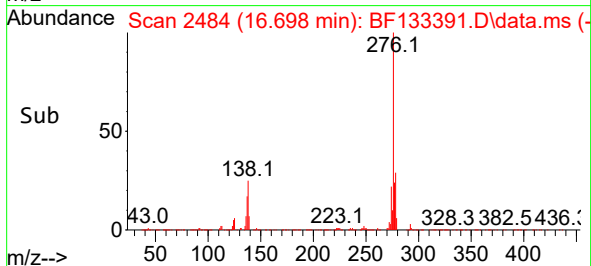
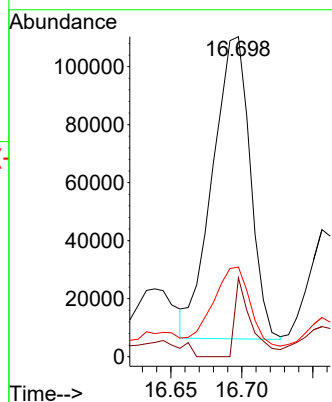
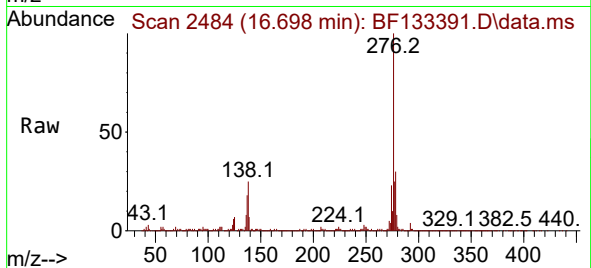
Tgt Ion:278 Resp: 191700

Ion Ratio Lower Upper

278 100

139 24.6 16.6 24.8

279 28.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 53.069 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.018 min

Lab File: BF133391.D

Acq: 15 May 2023 19:23

Tgt Ion:276 Resp: 804204

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.0

138 27.5 22.7 34.1

