

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134909.D
 Acq On : 23 Aug 2023 17:41
 Operator : CG\JU
 Sample : 04103-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-2-082123

Quant Time: Aug 24 04:28:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.79
21) Naphthalene-d8	0.000	136	0	0.000	ng	-8.07
39) Acenaphthene-d10	9.845	164	79	20.000	ng	# 0.01
64) Phenanthrene-d10	11.328	188	600	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	1464	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	1923	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	607794	0.000	ng	0.00
7) Phenol-d6	6.434	99	740935	0.000	ng	0.00
23) Nitrobenzene-d5	7.351	82	441122	0.000	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	159263	171172.698	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	829764	162370.390	ng	0.00
79) Terphenyl-d14	12.922	244	801004	7525.287	ng	0.00
Target Compounds						
						Qvalue
46) 1,1'-Biphenyl	9.251	154	876	140.455	ng	97
47) 2-Chloronaphthalene	9.316	162	300	64.409	ng	# 37
48) 2-Nitroaniline	9.381	65	320	209.000	ng	# 34
49) Acenaphthylene	9.692	152	26066	3633.945	ng	98
50) Dimethylphthalate	9.581	163	62	11.026	ng	# 77
51) 2,6-Dinitrotoluene	9.722	165	462	372.501	ng	90
52) Acenaphthene	9.863	154	8797	1946.767	ng	97
53) 3-Nitroaniline	9.810	138	122	90.060	ng	# 3
55) Dibenzofuran	10.034	168	7002	1064.294	ng	# 94
56) 4-Nitrophenol	9.963	139	337	356.977	ng	# 14
57) 2,4-Dinitrotoluene	10.039	165	603	393.134	ng	# 92
58) Fluorene	10.381	166	13258	2656.971	ng	98
60) Diethylphthalate	10.292	149	159	30.862	ng	# 33
61) 4-Chlorophenyl-phenyle...	10.557	204	58	23.187	ng	# 1
62) 4-Nitroaniline	10.445	138	129	101.867	ng	# 47
63) Azobenzene	10.534	77	1283	250.677	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.622	198	475	134.166	ng	# 1
66) n-Nitrosodiphenylamine	10.492	169	1474	76.288	ng	# 95
67) 4-Bromophenyl-phenylether	10.622	248	10542	1522.928	ng	# 1
69) Atrazine	11.039	200	260	49.555	ng	# 1
71) Phenanthrene	11.345	178	150333	4781.417	ng	98
72) Anthracene	11.398	178	46804	1452.888	ng	99
73) Carbazole	11.557	167	15225	573.547	ng	# 92
74) Di-n-butylphthalate	11.892	149	3928	129.020	ng	# 78
75) Fluoranthene	12.545	202	396088	13295.703	ng	99
77) Benzidine	12.645	184	873	36.753	ng	# 1
78) Pyrene	12.775	202	386280	2488.560	ng	100
80) Butylbenzylphthalate	13.404	149	1574	33.283	ng	# 30
81) Benzo(a)anthracene	13.969	228	198892	1991.201	ng	95
82) 3,3'-Dichlorobenzidine	13.910	252	854	27.013	ng	# 42
83) Chrysene	14.004	228	180168	1828.131	ng	98
84) Bis(2-ethylhexyl)phtha...	13.969	149	5329	104.023	ng	# 73
85) Di-n-octyl phthalate	14.586	149	4649	55.652	ng	# 75
87) Indeno(1,2,3-cd)pyrene	16.951	276	84662	615.929	ng	98
88) Benzo(b)fluoranthene	15.027	252	289290	2666.404	ng	96
89) Benzo(k)fluoranthene	15.027	252	289290	2715.344	ng	94

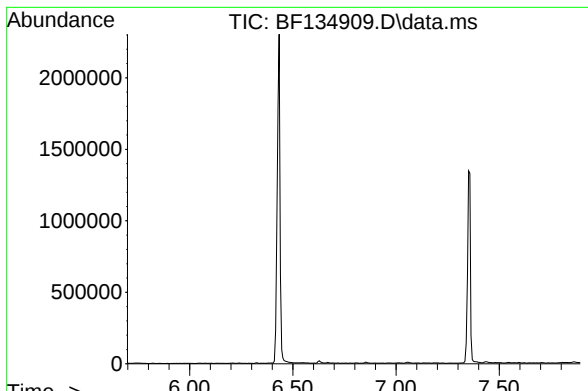
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134909.D
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Operator : CG\JU
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QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	15.392	252	147090	1358.070	ng	94
91) Dibenzo(a,h)anthracene	16.962	278	22334	200.815	ng #	70
92) Benzo(g,h,i)perylene	17.404	276	88153	774.286	ng	97

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

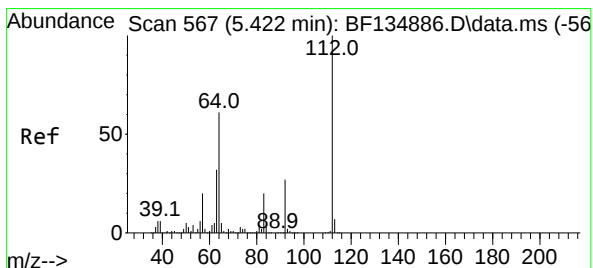
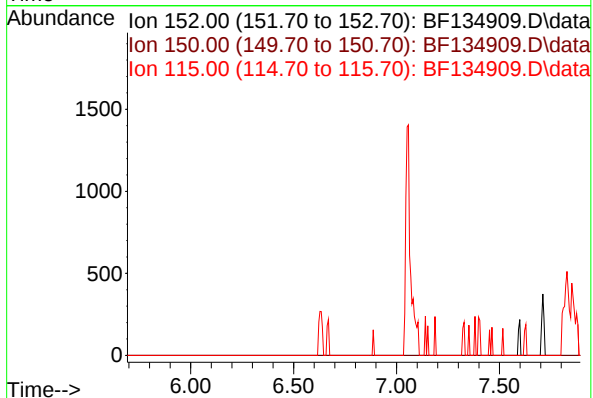


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.79 min
 Lab File: BF134909.D
 Acq: 23 Aug 2023 17:41

Instrument :
 BNA_F
 ClientSampleId :
 OR-2-082123

Tgt Ion: 152

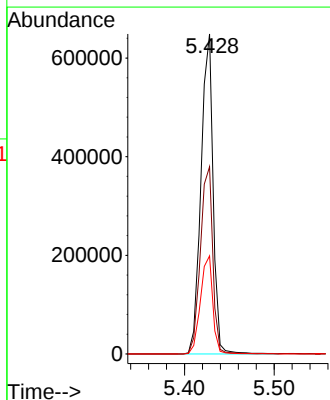
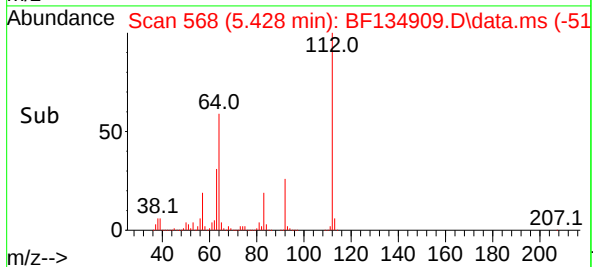
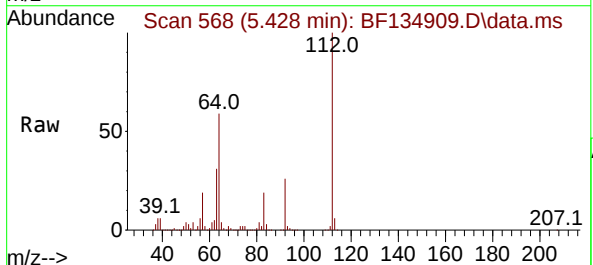
Sig	Exp Ratio
152	100
150	157.6
115	63.9

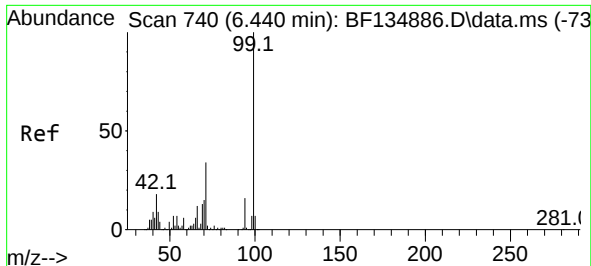


#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: BF134909.D
 Acq: 23 Aug 2023 17:41

Tgt Ion: 112 Resp: 607794

Ion	Ratio	Lower	Upper
112	100		
64	58.5	48.6	73.0
63	30.7	25.7	38.5

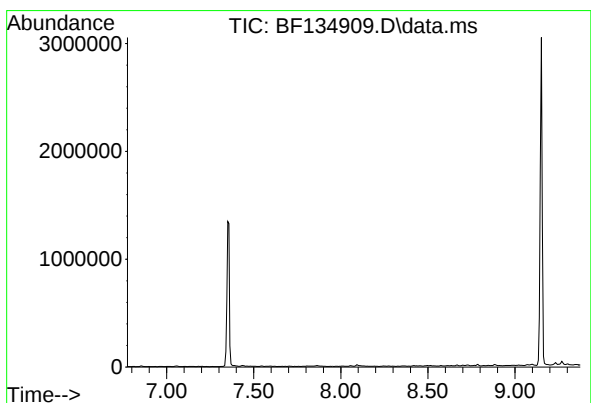
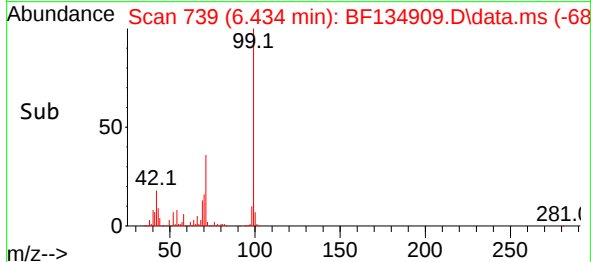
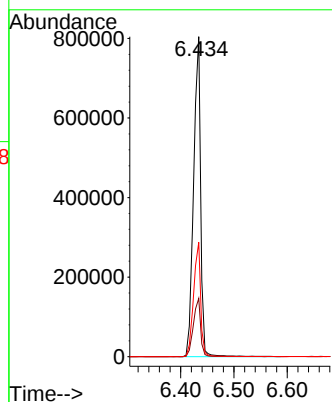
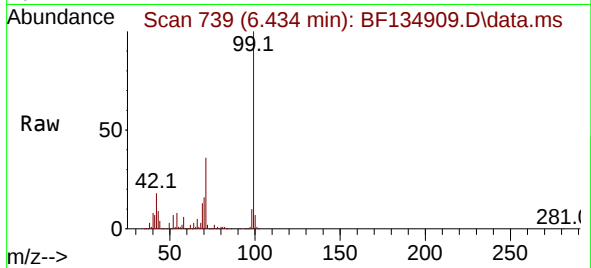




#7
Phenol-d6
Concen: 0.000 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Instrument :
BNA_F
ClientSampleId :
OR-2-082123

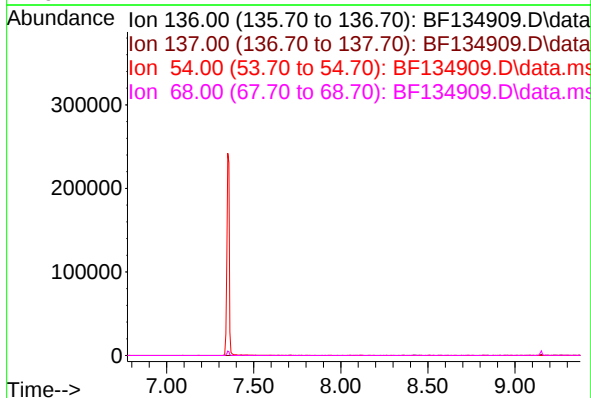
Tgt Ion: 99 Resp: 740935
Ion Ratio Lower Upper
99 100
42 18.2 14.6 22.0
71 35.8 27.6 41.4

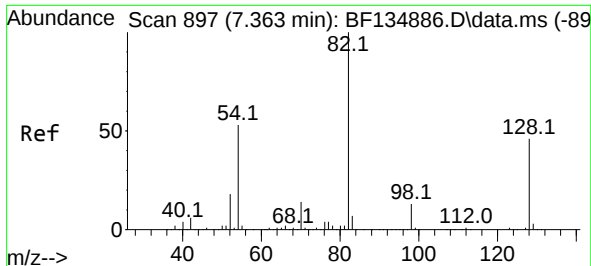


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.07 min

Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.1
54 8.2
68 6.2





#23

Nitrobenzene-d5

Concen: 0.000 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Instrument :

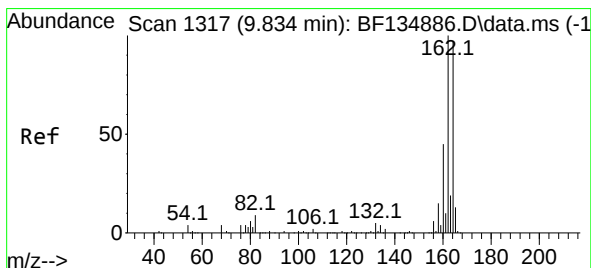
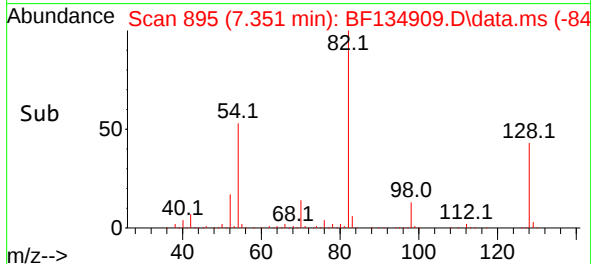
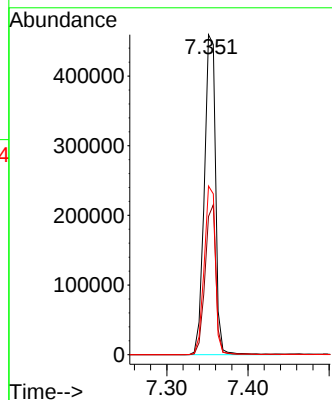
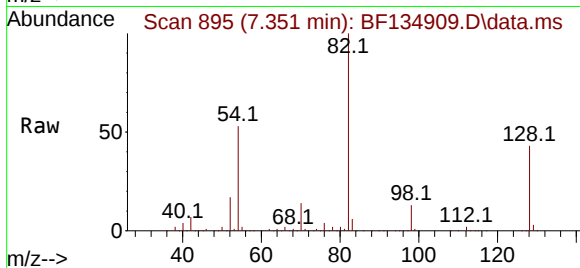
BNA_F

ClientSampleId :

OR-2-082123

Tgt Ion: 82 Resp: 441122

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.6	54.8
54	52.7	42.6	63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

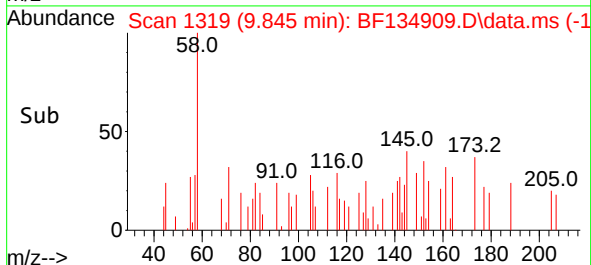
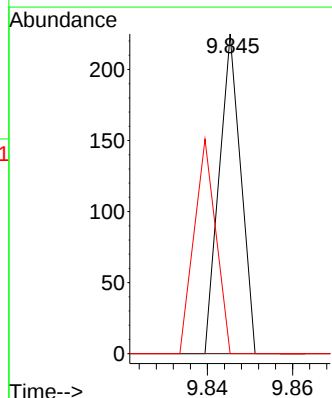
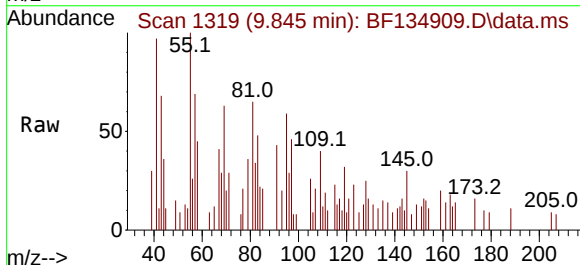
Delta R.T. 0.012 min

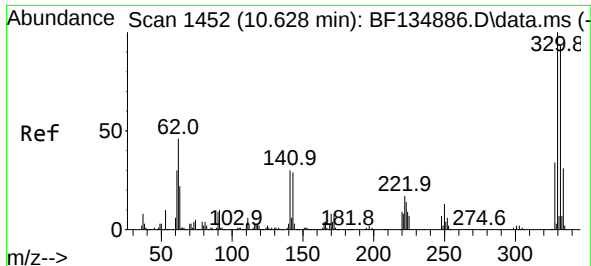
Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Tgt Ion: 164 Resp: 79

Ion	Ratio	Lower	Upper
164	100		
162	0.0	82.6	123.8#
160	0.0	37.0	55.4#

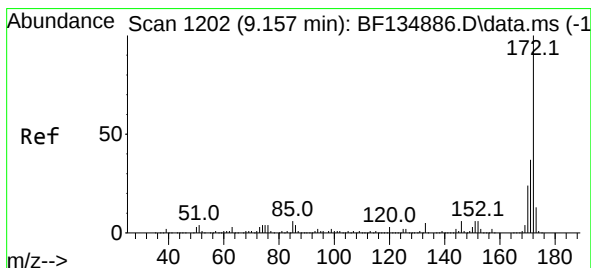
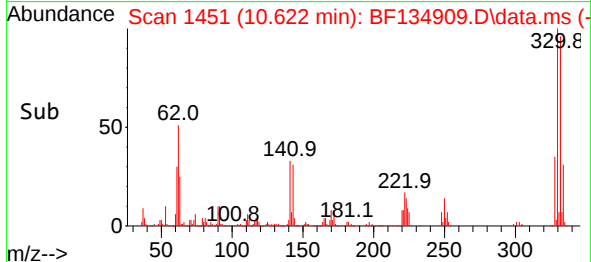
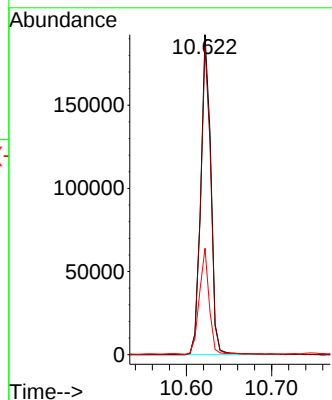
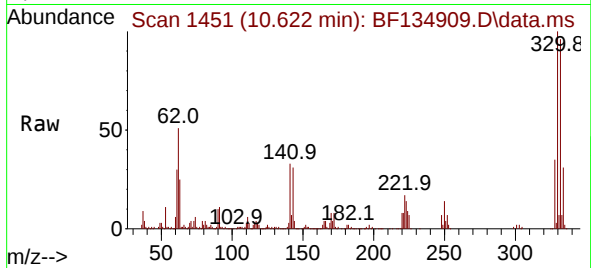




#42
2,4,6-Tribromophenol
Concen: 171172.698 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

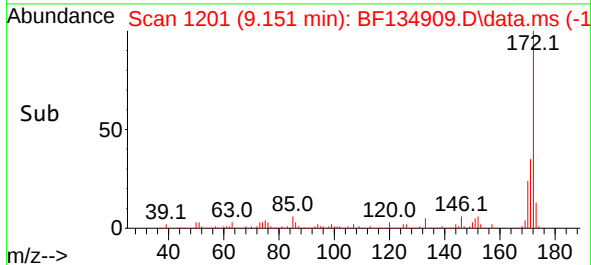
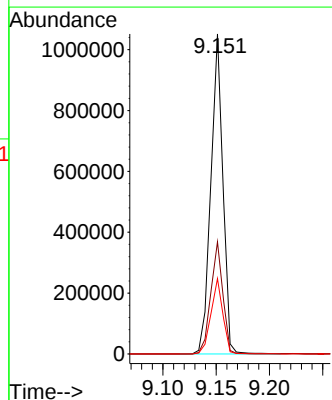
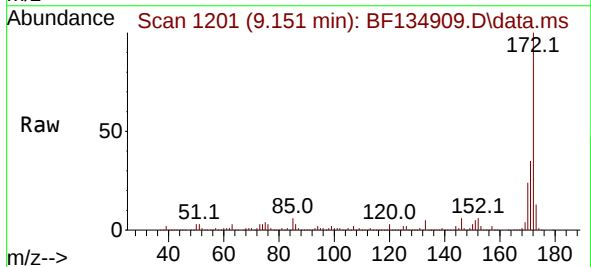
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BNA_F
ClientSampleId :
OR-2-082123

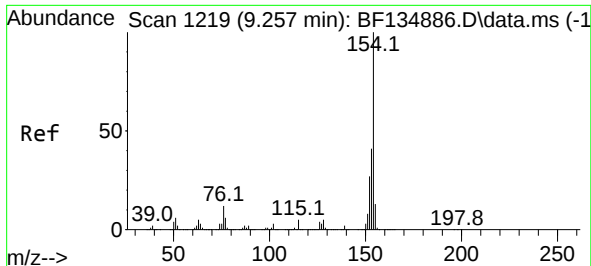
Tgt Ion:330 Resp: 159263
Ion Ratio Lower Upper
330 100
332 96.1 76.3 114.5
141 31.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 162370.390 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Tgt Ion:172 Resp: 829764
Ion Ratio Lower Upper
172 100
171 35.1 29.4 44.0
170 23.6 19.6 29.4

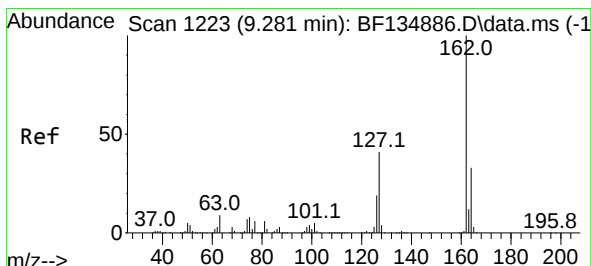
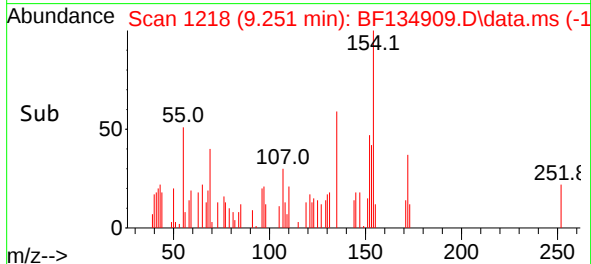
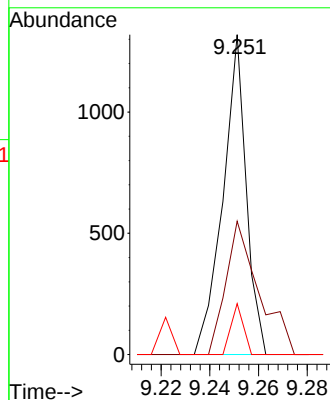
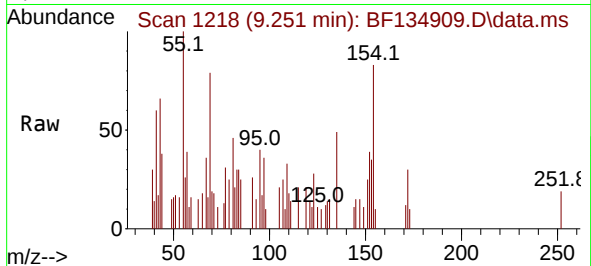




#46
1,1'-Biphenyl
Concen: 140.455 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

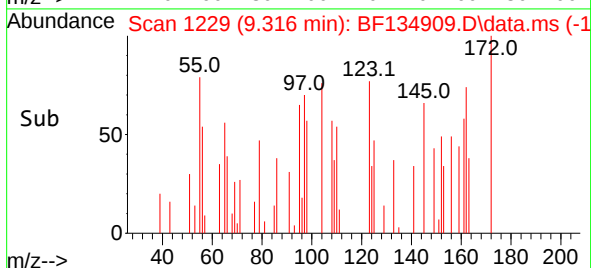
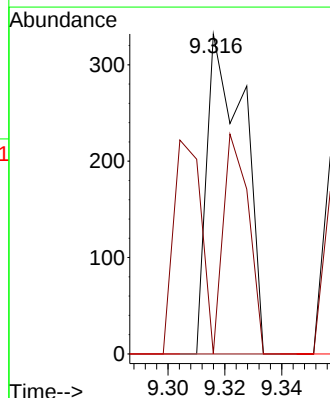
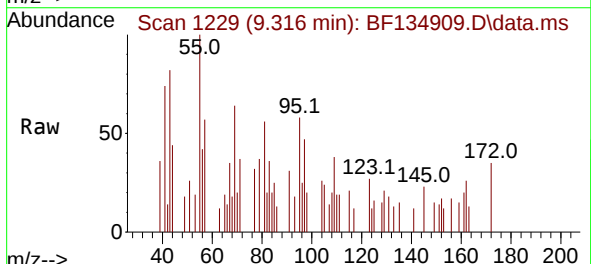
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ClientSampleId :
OR-2-082123

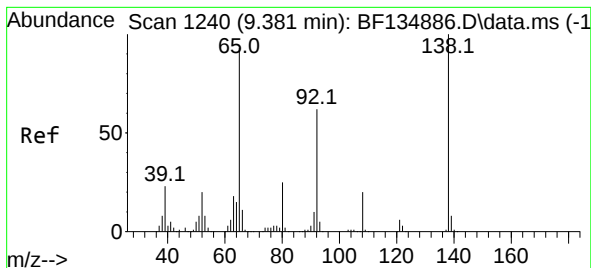
Tgt Ion:154	Resp:	876
Ion Ratio	Lower	Upper
154	100	
153	41.7	21.3 61.3
76	15.9	0.0 31.8



#47
2-Chloronaphthalene
Concen: 64.409 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.035 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Tgt Ion:162	Resp:	300
Ion Ratio	Lower	Upper
162	100	
127	0.0	33.4 50.0#
164	0.0	26.6 39.8#





#48

2-Nitroaniline

Concen: 209.000 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

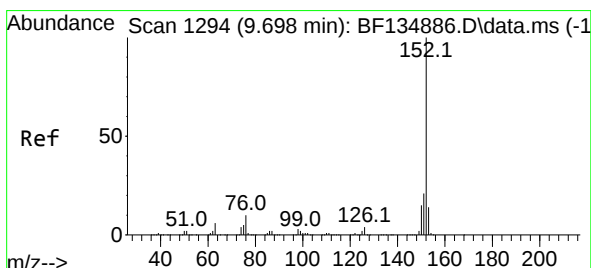
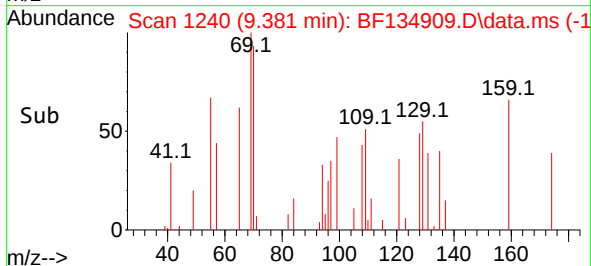
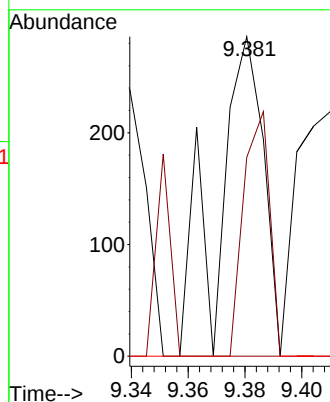
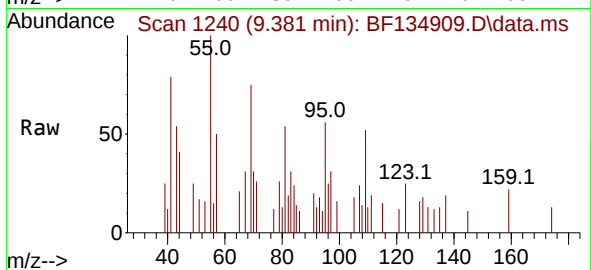
Instrument :

BNA_F

ClientSampleId :

OR-2-082123

Tgt Ion:	65	Resp:	320
Ion	Ratio	Lower	Upper
65	100		
92	62.2	53.8	80.8
138	0.0	86.5	129.7



#49

Acenaphthylene

Concen: 3633.945 ng

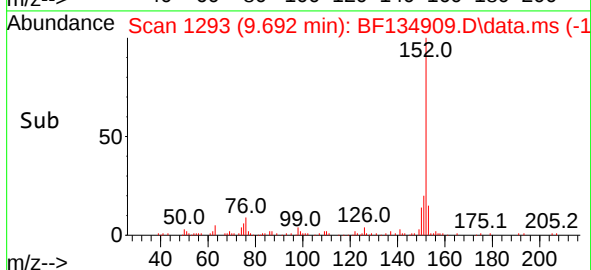
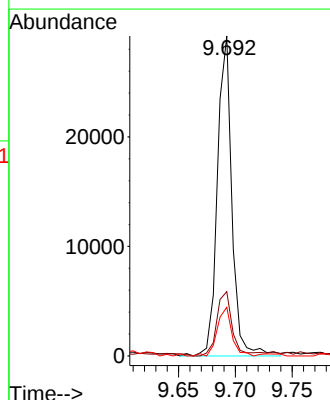
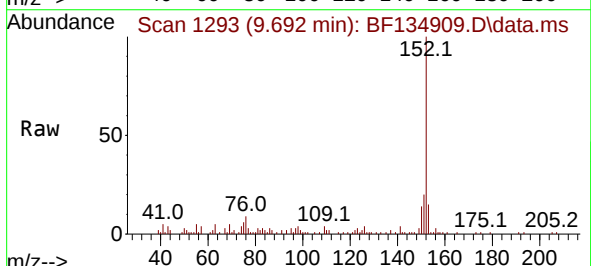
RT: 9.692 min Scan# 1293

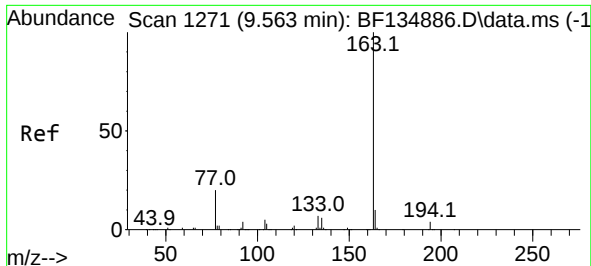
Delta R.T. -0.006 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Tgt Ion:	152	Resp:	26066
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	15.2	11.3	16.9

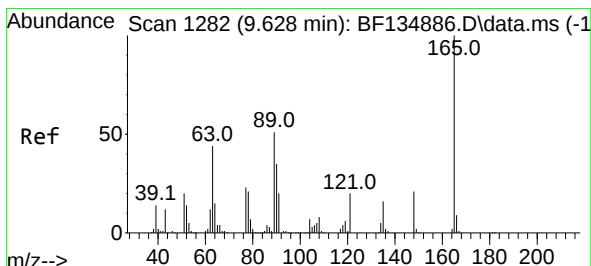
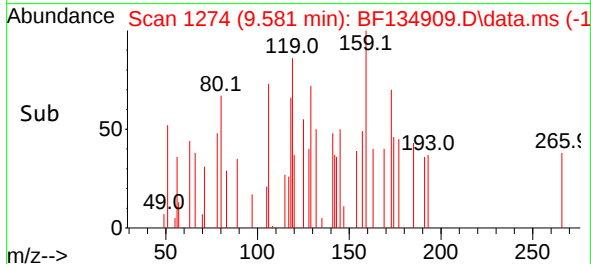
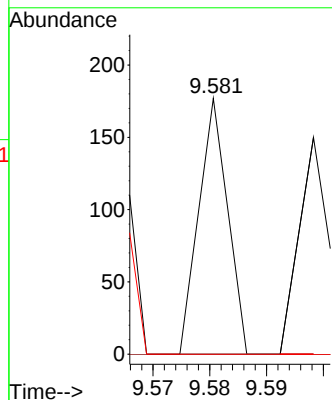
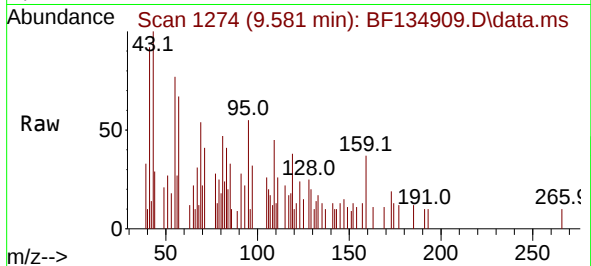




#50
Dimethylphthalate
Concen: 11.026 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

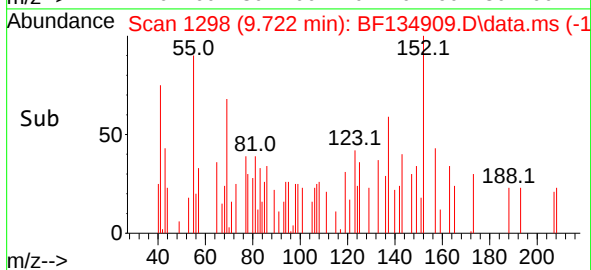
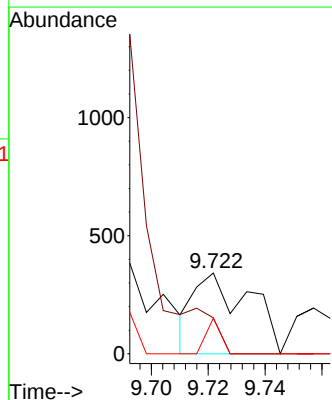
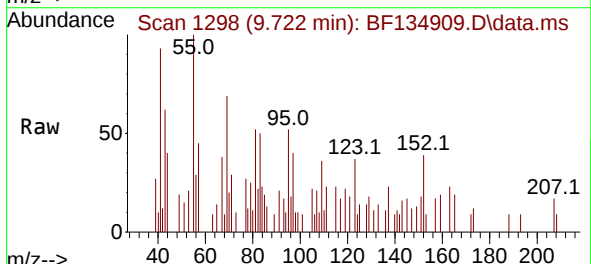
Instrument :
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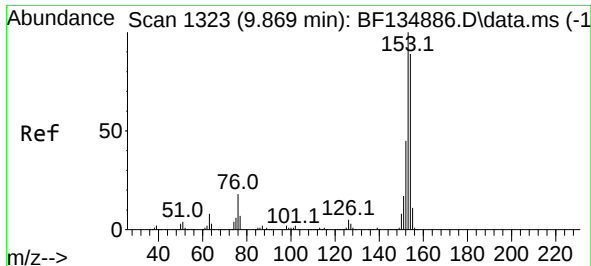
Tgt Ion:163 Resp: 62
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 0.0 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 372.501 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.094 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Tgt Ion:165 Resp: 462
Ion Ratio Lower Upper
165 100
63 44.7 41.4 62.2
89 44.2 40.9 61.3





#52

Acenaphthene

Concen: 1946.767 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

OR-2-082123

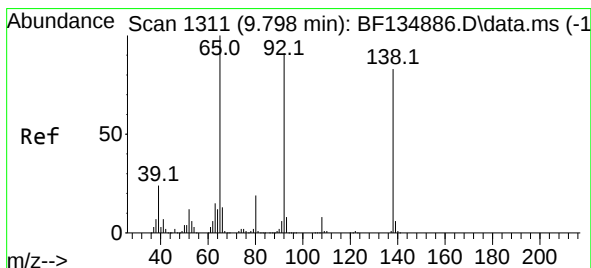
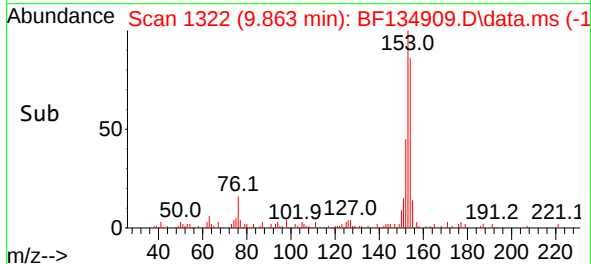
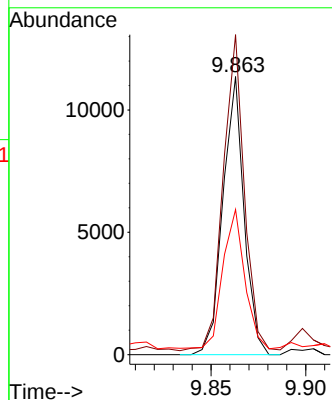
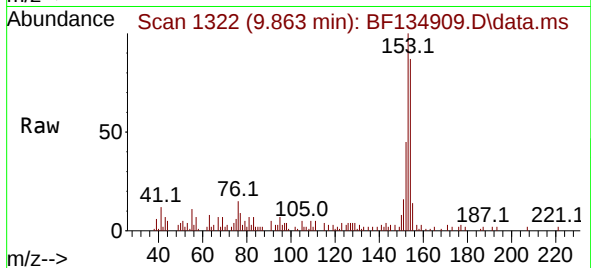
Tgt Ion:154 Resp: 8797

Ion Ratio Lower Upper

154 100

153 115.1 89.6 134.4

152 52.2 40.5 60.7



#53

3-Nitroaniline

Concen: 90.060 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.012 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

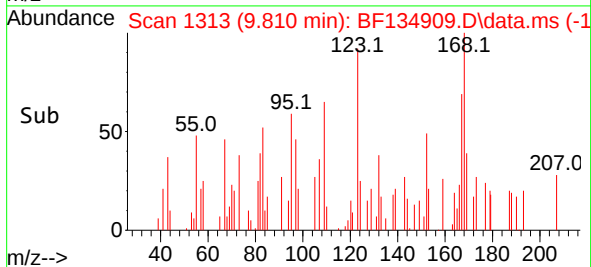
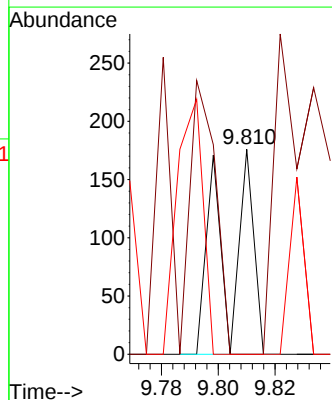
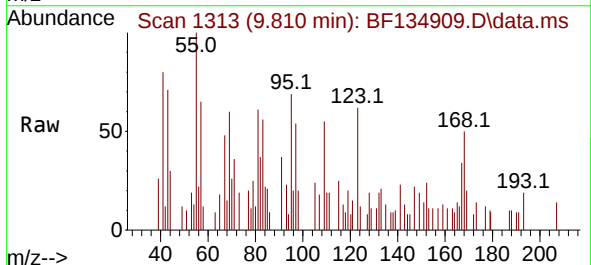
Tgt Ion:138 Resp: 122

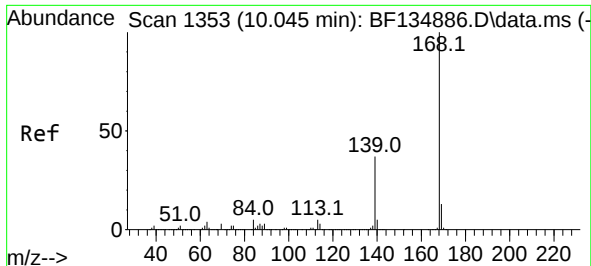
Ion Ratio Lower Upper

138 100

108 0.0 8.0 12.0#

92 0.0 87.6 131.4#

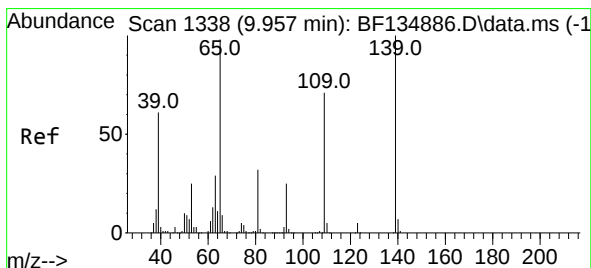
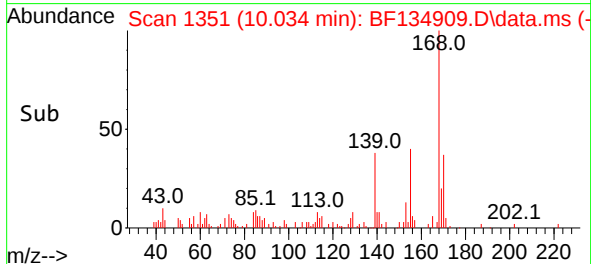
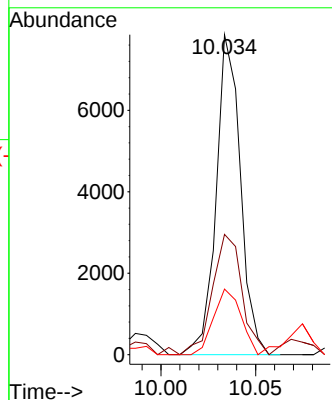
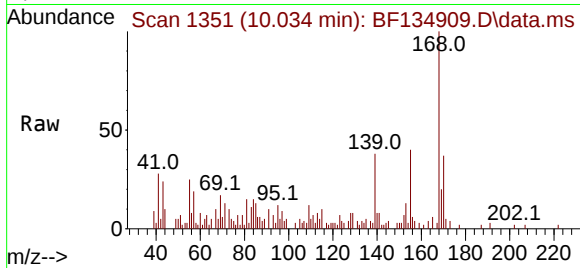




#55
Dibenzofuran
Concen: 1064.294 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

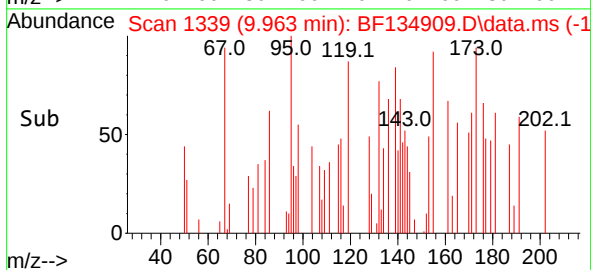
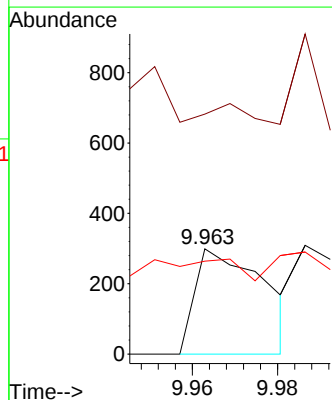
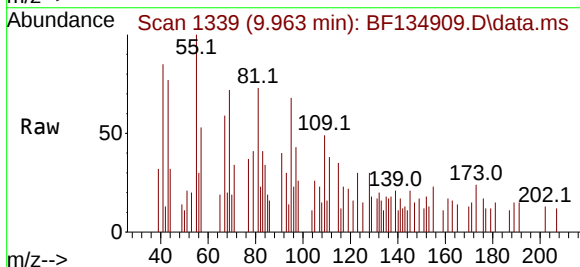
Instrument :
BNA_F
ClientSampleId :
OR-2-082123

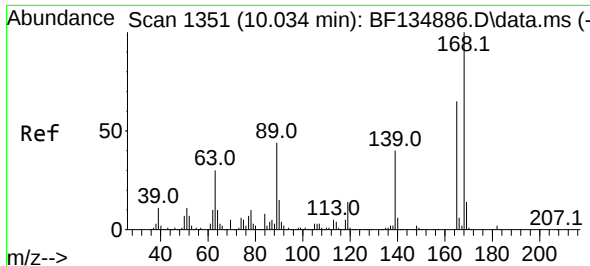
Tgt Ion:168 Resp: 7002
Ion Ratio Lower Upper
168 100
139 37.6 29.5 44.3
169 20.5 10.7 16.1#



#56
4-Nitrophenol
Concen: 356.977 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Tgt Ion:139 Resp: 337
Ion Ratio Lower Upper
139 100
109 228.1 51.0 91.0#
65 88.3 78.5 118.5

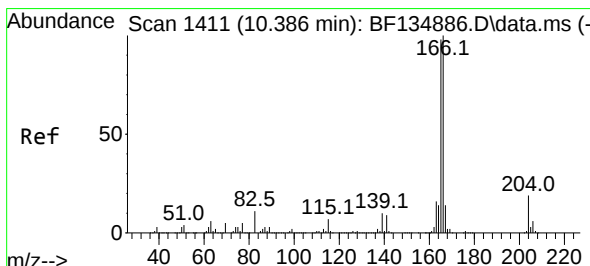
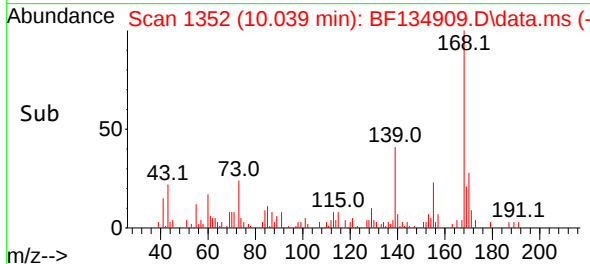
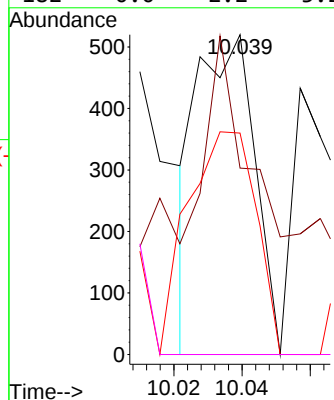
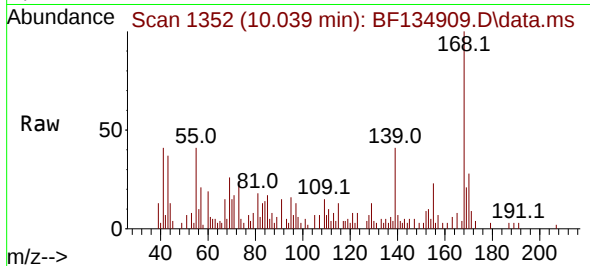




#57
2,4-Dinitrotoluene
Concen: 393.134 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

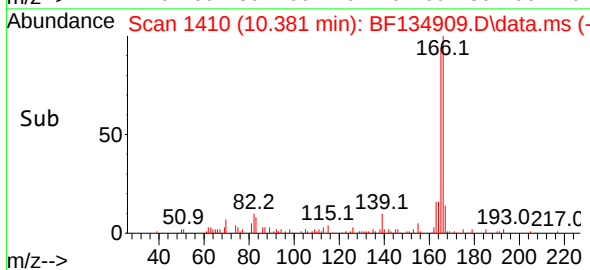
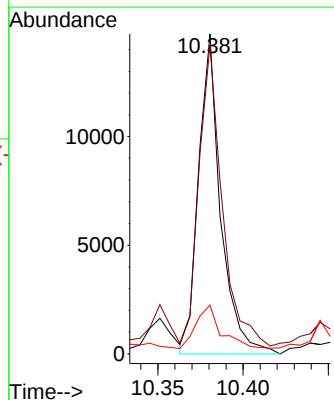
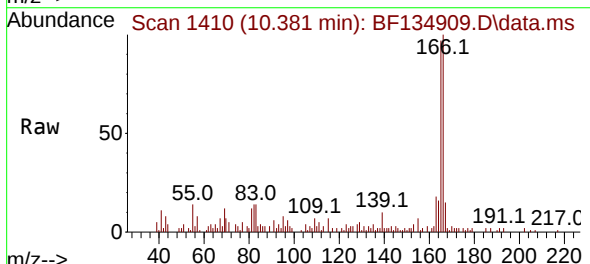
Instrument :
BNA_F
ClientSampleId :
OR-2-082123

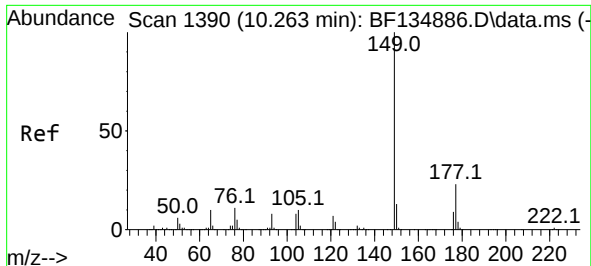
Tgt Ion:165 Resp: 603
Ion Ratio Lower Upper
165 100
63 58.3 37.7 56.5#
89 69.2 54.2 81.4
182 0.0 2.2 3.2#



#58
Fluorene
Concen: 2656.971 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.005 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Tgt Ion:166 Resp: 13258
Ion Ratio Lower Upper
166 100
165 96.5 78.5 117.7
167 15.3 11.0 16.6

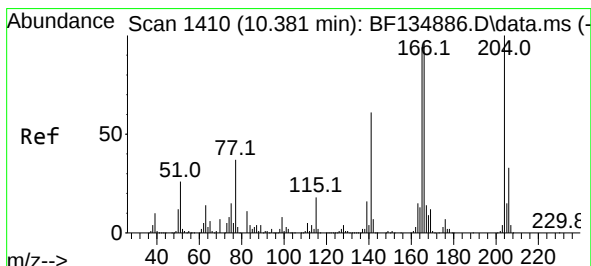
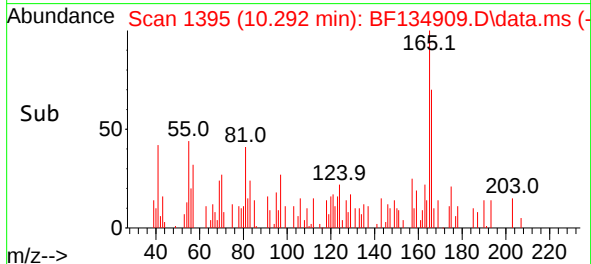
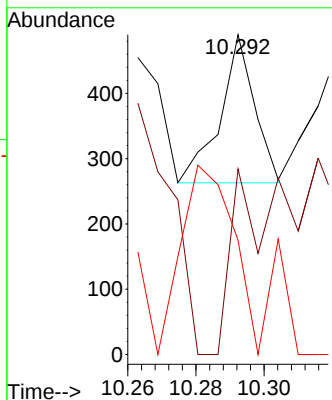
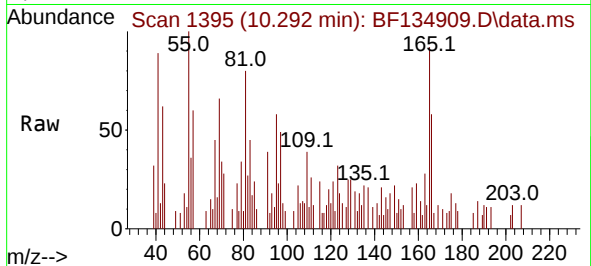




#60
Diethylphthalate
Concen: 30.862 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

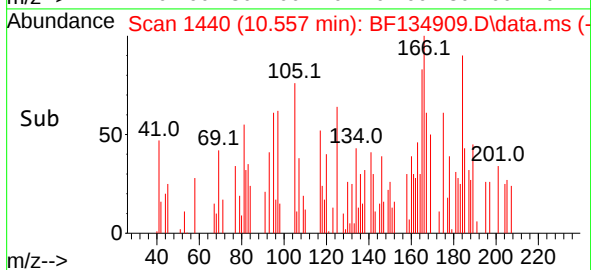
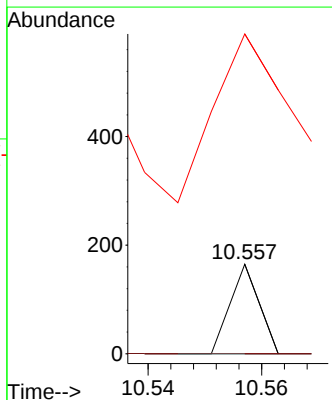
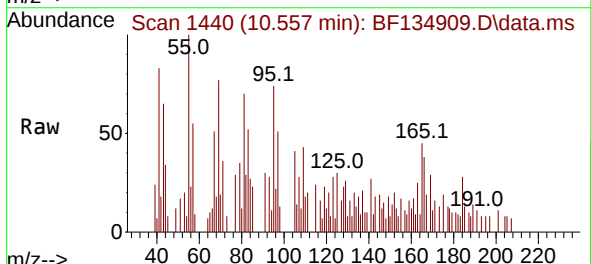
Instrument :
BNA_F
ClientSampleId :
OR-2-082123

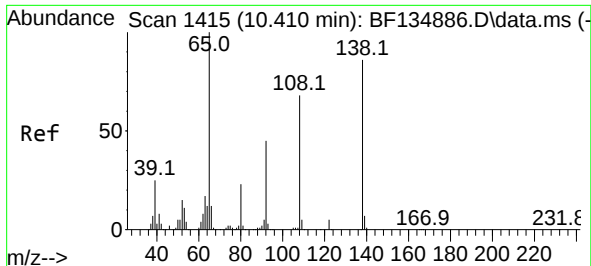
Tgt Ion:149 Resp: 159
Ion Ratio Lower Upper
149 100
177 58.0 18.4 27.6#
150 35.7 10.3 15.5#



#61
4-Chlorophenyl-phenylether
Concen: 23.187 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.176 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Tgt Ion:204 Resp: 58
Ion Ratio Lower Upper
204 100
206 0.0 26.3 39.5#
141 357.0 48.6 73.0#

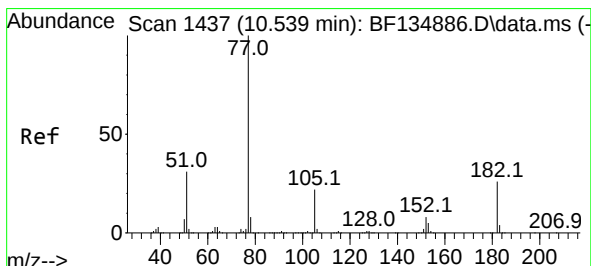
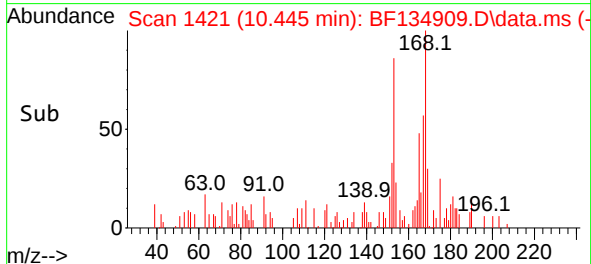
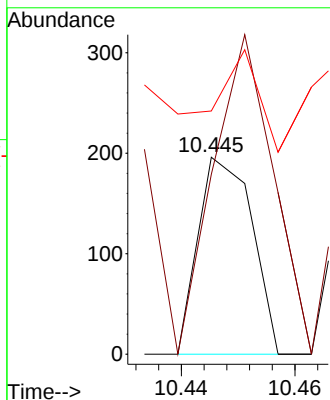
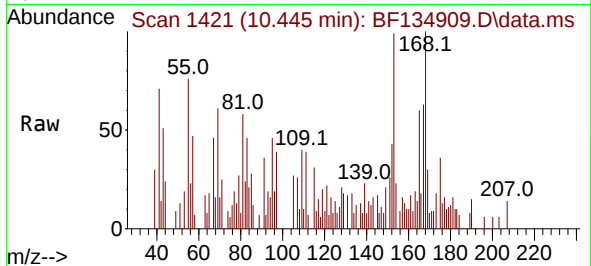




#62
4-Nitroaniline
Concen: 101.867 ng
RT: 10.445 min Scan# 1415
Delta R.T. 0.035 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

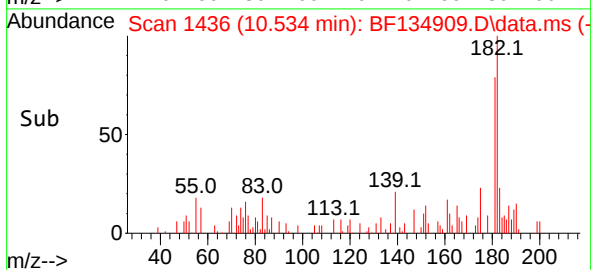
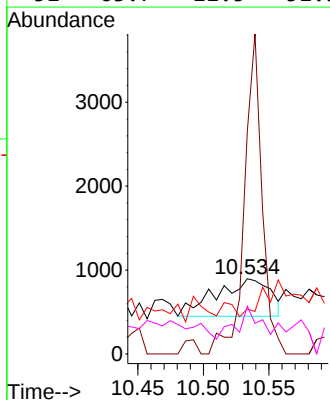
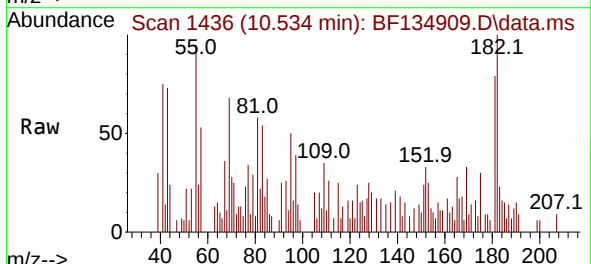
Instrument :
BNA_F
ClientSampleId :
OR-2-082123

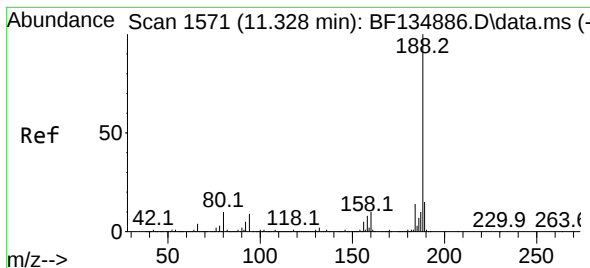
Tgt Ion:138 Resp: 129
Ion Ratio Lower Upper
138 100
92 91.3 32.5 72.5#
108 123.5 58.6 98.6#



#63
Azobenzene
Concen: 250.677 ng
RT: 10.534 min Scan# 1436
Delta R.T. -0.005 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Tgt Ion: 77 Resp: 1283
Ion Ratio Lower Upper
77 100
182 296.2 5.8 45.8#
105 59.8 1.6 41.6#
51 63.7 11.5 51.5#

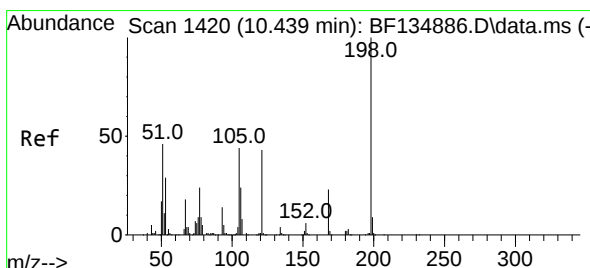
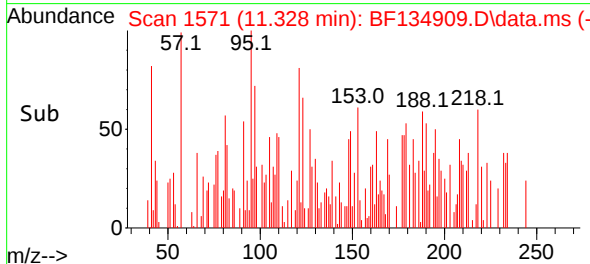
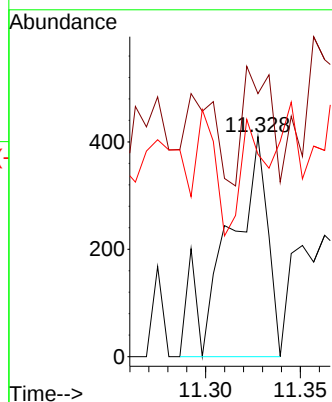
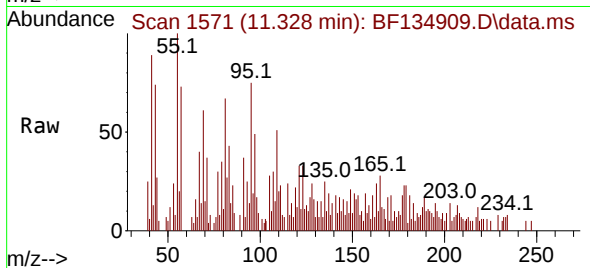




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

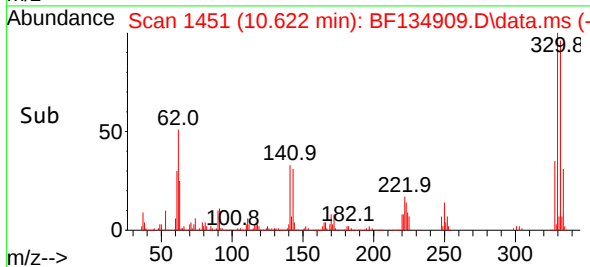
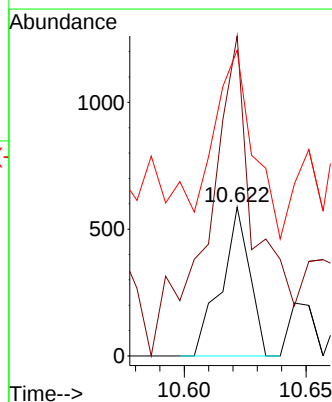
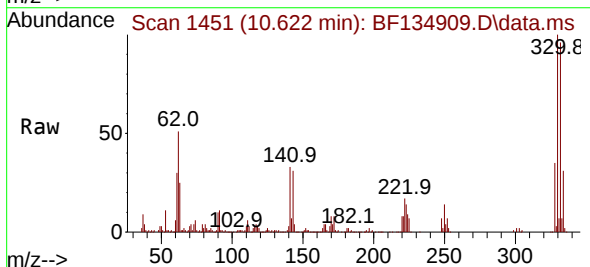
Instrument :
BNA_F
ClientSampleId :
OR-2-082123

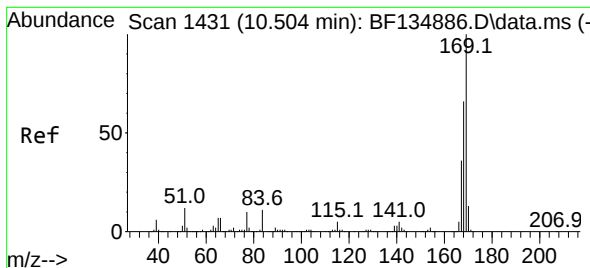
Tgt Ion:188 Resp: 600
Ion Ratio Lower Upper
188 100
94 119.5 7.5 11.3#
80 92.0 7.8 11.6#



#65
4,6-Dinitro-2-methylphenol
Concen: 134.166 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.183 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Tgt Ion:198 Resp: 475
Ion Ratio Lower Upper
198 100
51 215.0 30.3 70.3#
105 205.5 24.5 64.5#

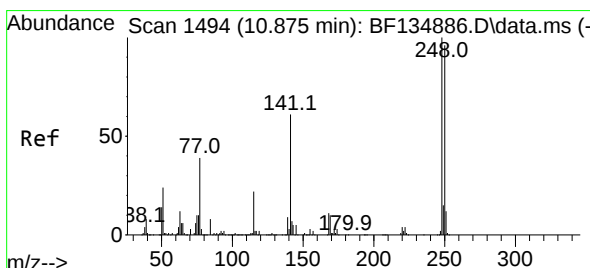
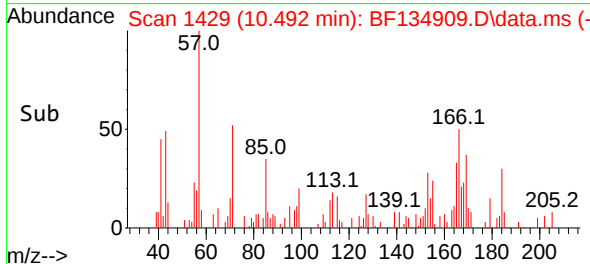
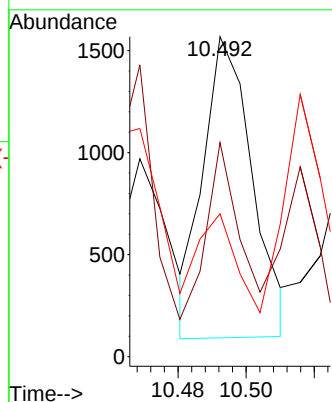
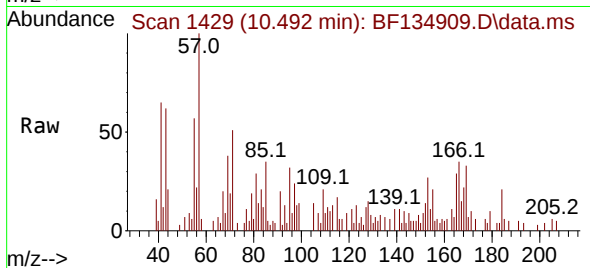




#66
 n-Nitrosodiphenylamine
 Concen: 76.288 ng
 RT: 10.492 min Scan# 1429
 Delta R.T. -0.012 min
 Lab File: BF134909.D
 Acq: 23 Aug 2023 17:41

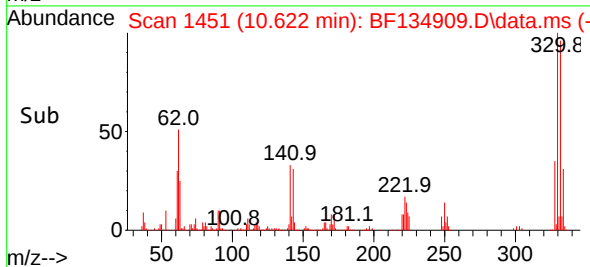
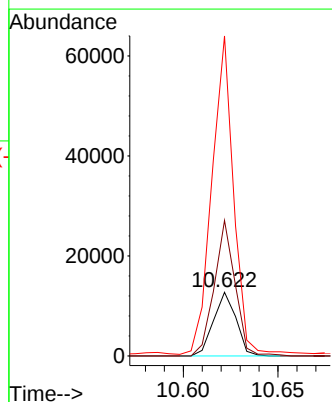
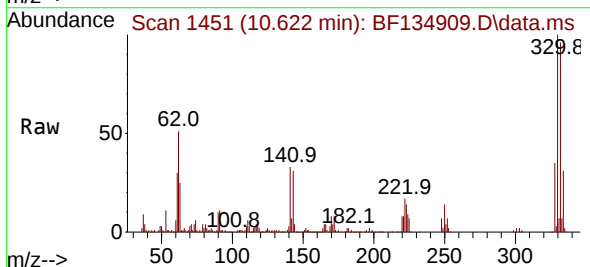
Instrument :
 BNA_F
 ClientSampleId :
 OR-2-082123

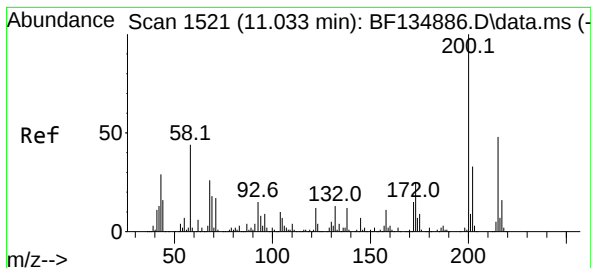
Tgt Ion:169 Resp: 1474
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.0 79.6
 167 44.6 29.0 43.6#



#67
 4-Bromophenyl-phenylether
 Concen: 1522.928 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. -0.253 min
 Lab File: BF134909.D
 Acq: 23 Aug 2023 17:41

Tgt Ion:248 Resp: 10542
 Ion Ratio Lower Upper
 248 100
 250 212.6 77.1 115.7#
 141 502.3 49.0 73.4#





#69

Atrazine

Concen: 49.555 ng

RT: 11.039 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

OR-2-082123

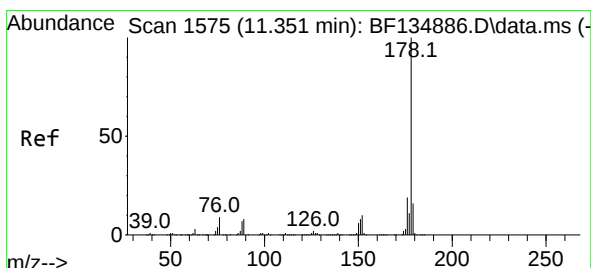
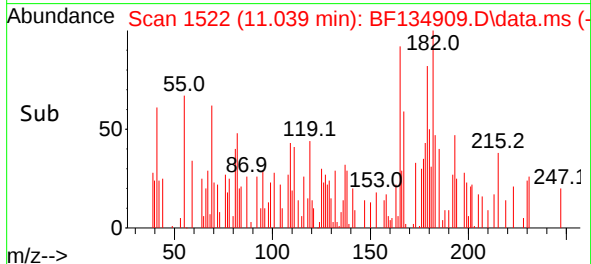
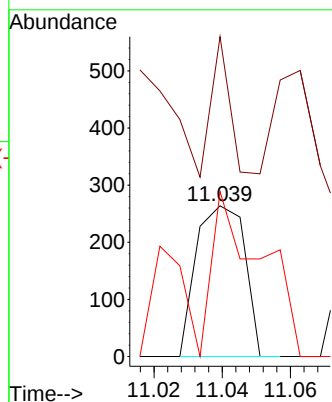
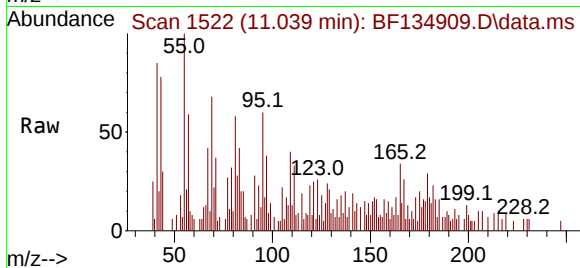
Tgt Ion:200 Resp: 260

Ion Ratio Lower Upper

200 100

173 212.1 5.3 45.3#

215 109.5 28.3 68.3#



#71

Phenanthrene

Concen: 4781.417 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

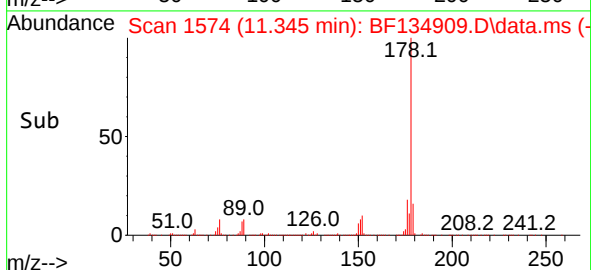
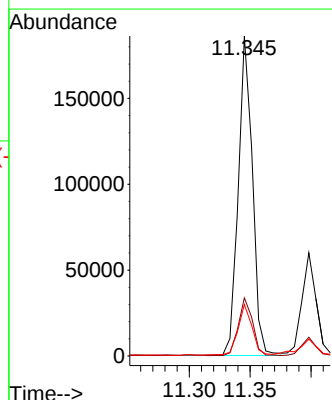
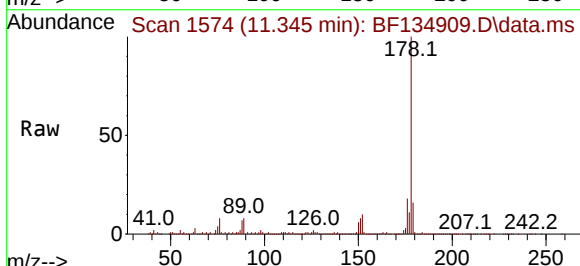
Tgt Ion:178 Resp: 150333

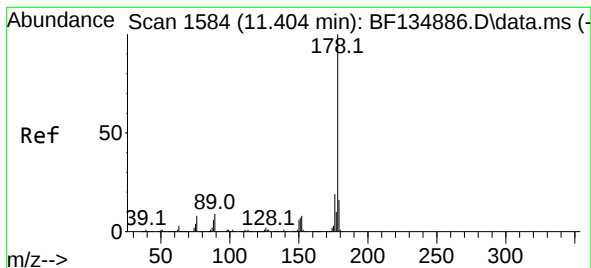
Ion Ratio Lower Upper

178 100

176 18.1 15.5 23.3

179 16.1 12.6 19.0





#72

Anthracene

Concen: 1452.888 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

OR-2-082123

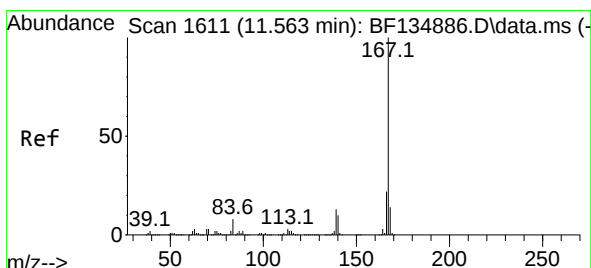
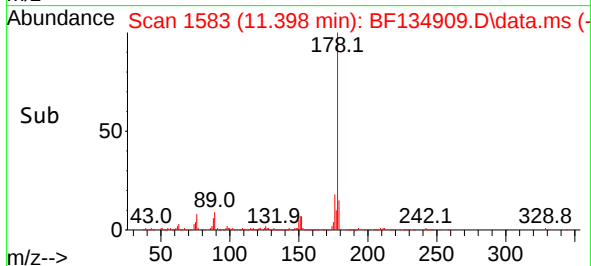
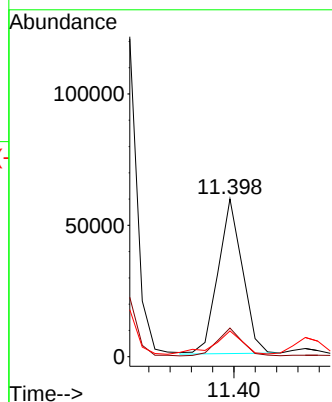
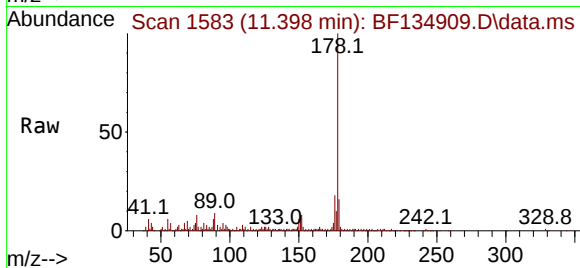
Tgt Ion:178 Resp: 46804

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.6

179 16.3 12.5 18.7



#73

Carbazole

Concen: 573.547 ng

RT: 11.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

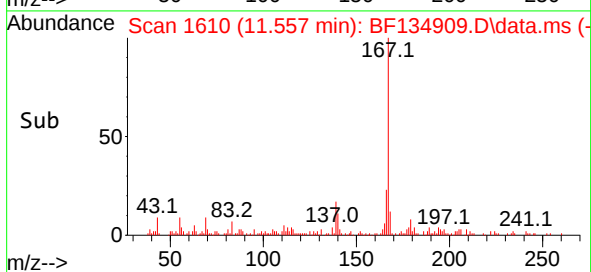
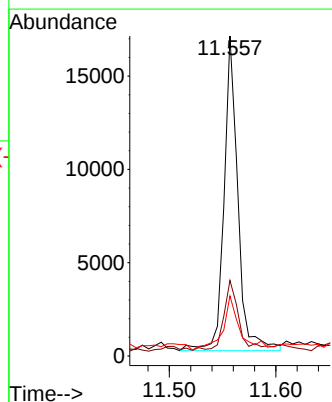
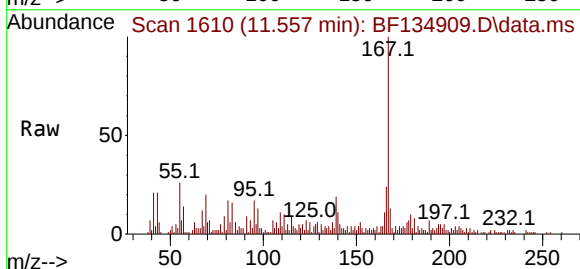
Tgt Ion:167 Resp: 15225

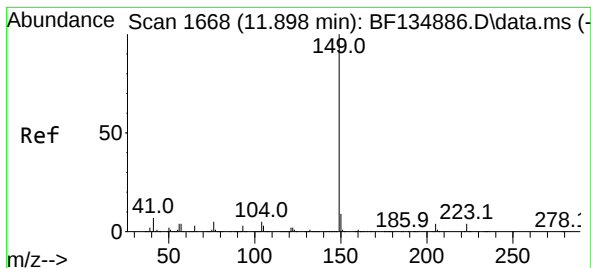
Ion Ratio Lower Upper

167 100

166 23.6 17.4 26.2

139 18.8 10.4 15.6#





#74

Di-n-butylphthalate

Concen: 129.020 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

OR-2-082123

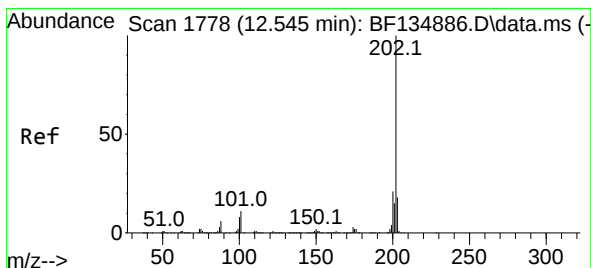
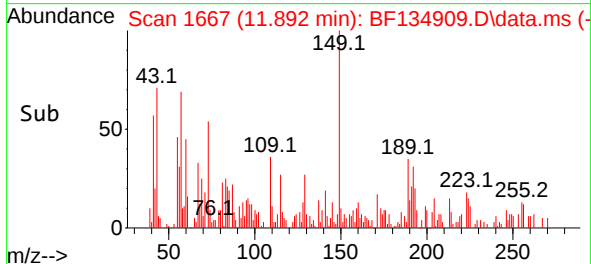
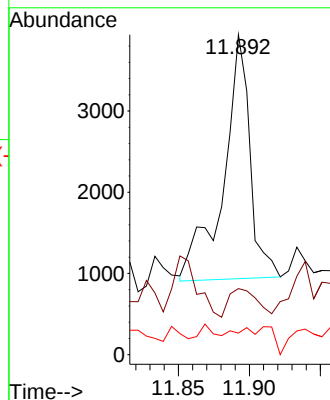
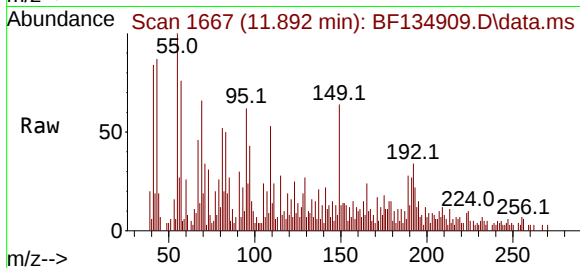
Tgt Ion:149 Resp: 3928

Ion Ratio Lower Upper

149 100

150 20.7 7.4 11.2#

104 6.8 4.1 6.1#



#75

Fluoranthene

Concen: 13295.703 ng

RT: 12.545 min Scan# 1778

Delta R.T. 0.000 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

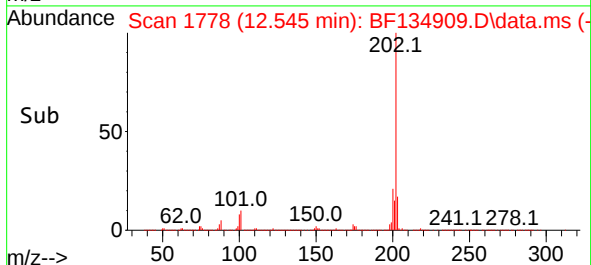
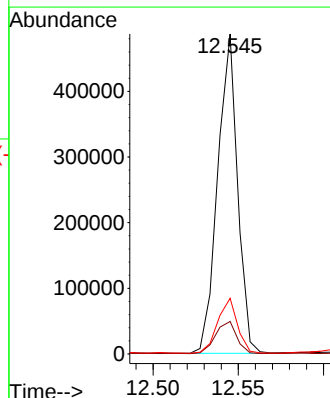
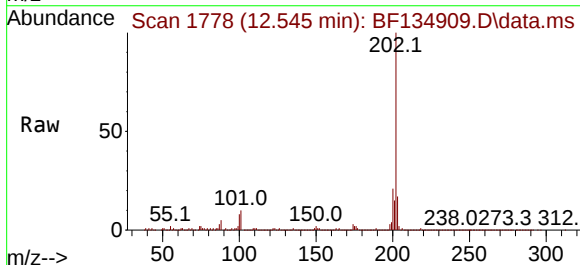
Tgt Ion:202 Resp: 396088

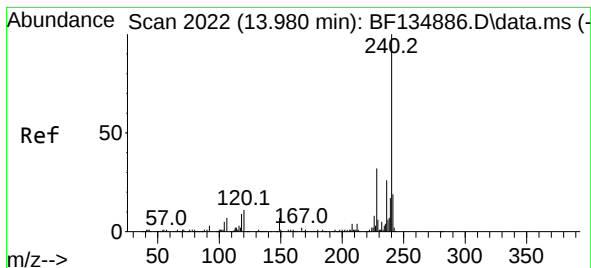
Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.5

203 17.4 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

OR-2-082123

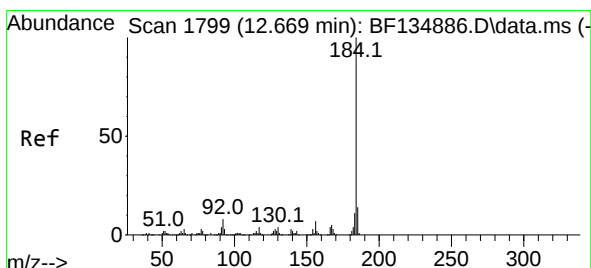
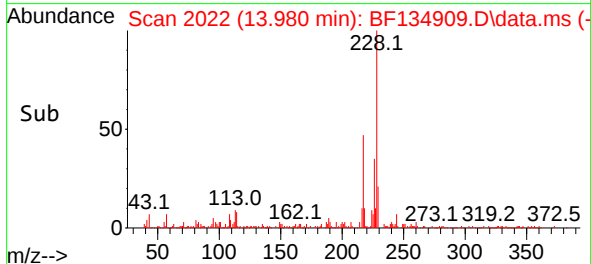
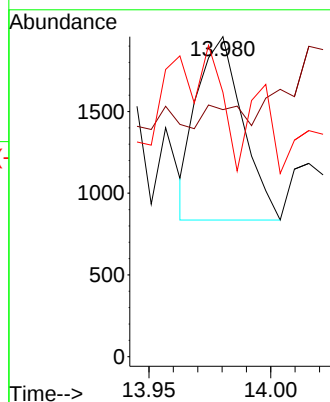
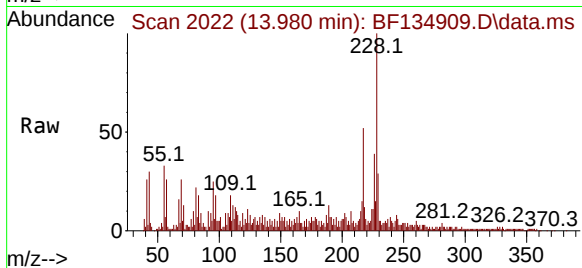
Tgt Ion:240 Resp: 1464

Ion Ratio Lower Upper

240 100

120 77.2 8.6 12.8#

236 82.6 20.6 31.0#



#77

Benzidine

Concen: 36.753 ng

RT: 12.645 min Scan# 1795

Delta R.T. -0.024 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

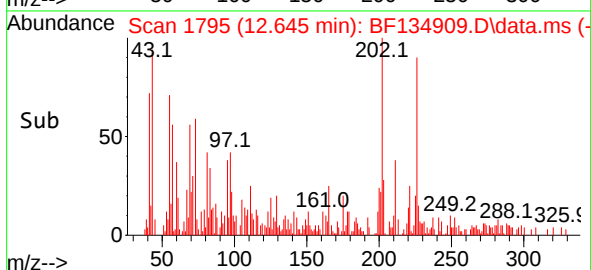
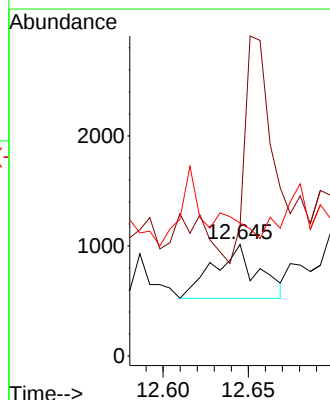
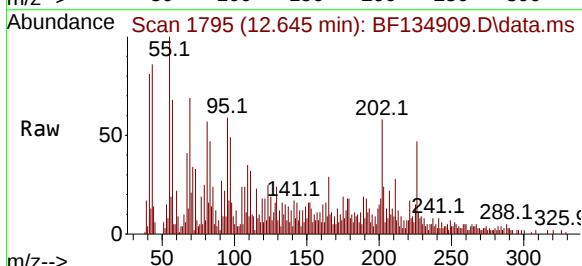
Tgt Ion:184 Resp: 873

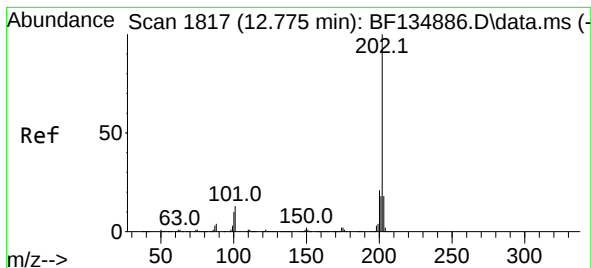
Ion Ratio Lower Upper

184 100

185 116.4 11.4 17.0#

183 119.1 9.0 13.4#





#78

Pyrene

Concen: 2488.560 ng

RT: 12.775 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

OR-2-082123

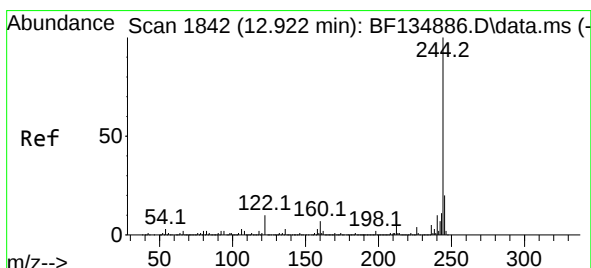
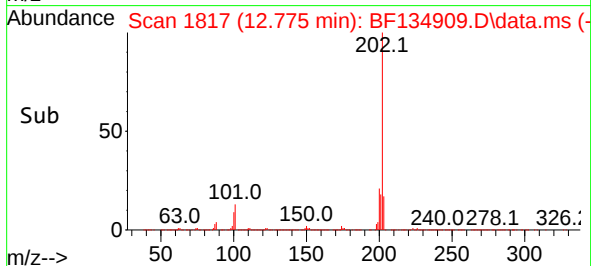
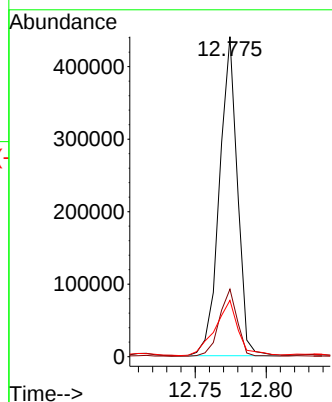
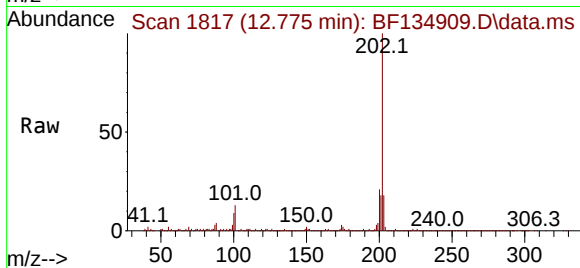
Tgt Ion:202 Resp: 386280

Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.6 14.2 21.2



#79

Terphenyl-d14

Concen: 7525.287 ng

RT: 12.922 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

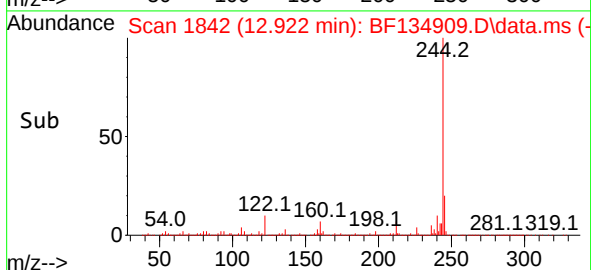
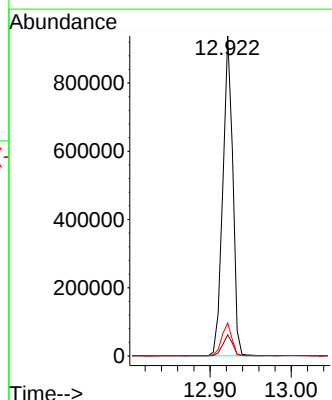
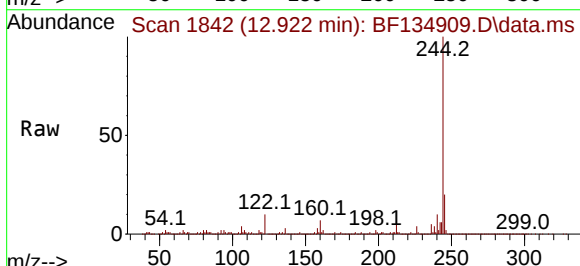
Tgt Ion:244 Resp: 801004

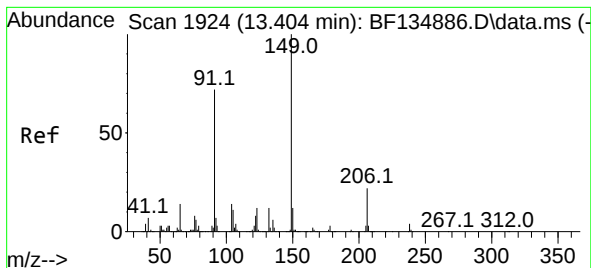
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.3 8.2 12.4





#80

Butylbenzylphthalate

Concen: 33.283 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

OR-2-082123

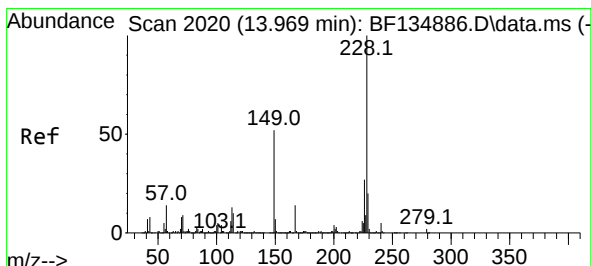
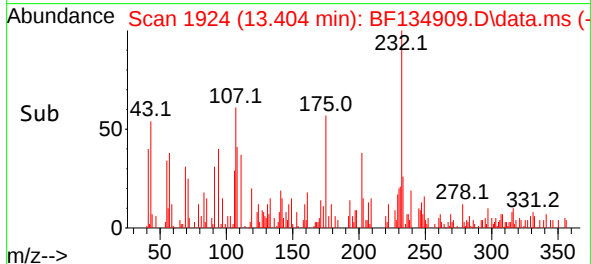
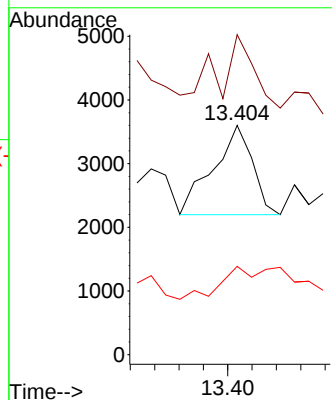
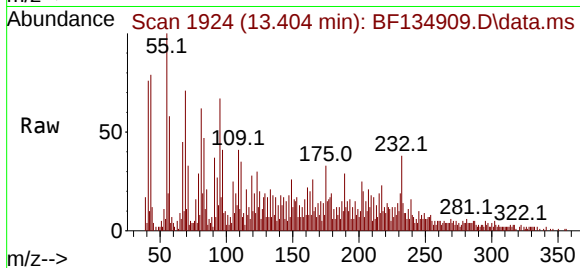
Tgt Ion:149 Resp: 1574

Ion Ratio Lower Upper

149 100

91 139.5 57.2 85.8#

206 38.5 18.0 27.0#



#81

Benzo(a)anthracene

Concen: 1991.201 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

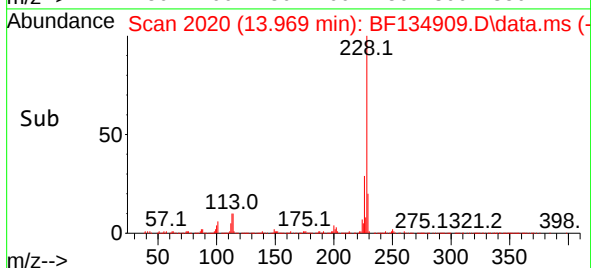
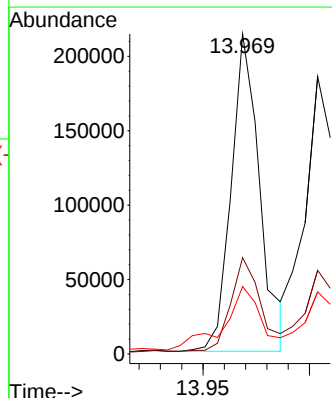
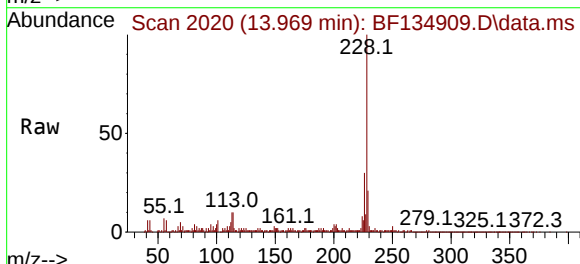
Tgt Ion:228 Resp: 198892

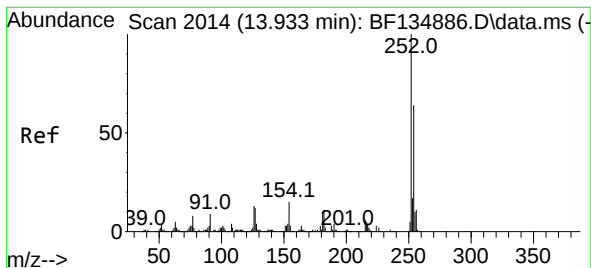
Ion Ratio Lower Upper

228 100

226 30.1 21.8 32.6

229 21.0 15.6 23.4





#82

3,3'-Dichlorobenzidine

Concen: 27.013 ng

RT: 13.910 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

OR-2-082123

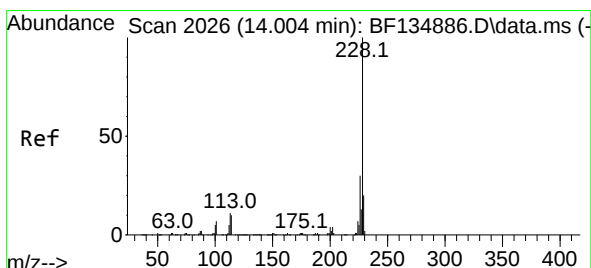
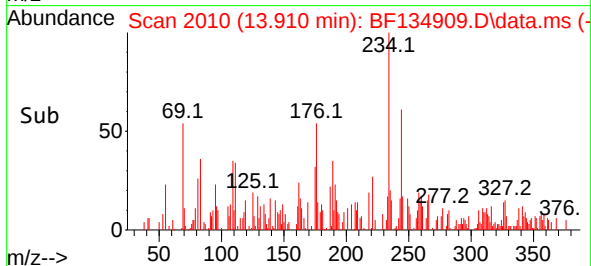
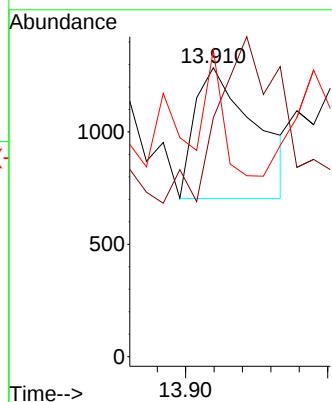
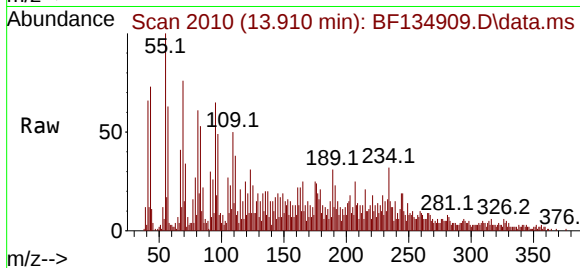
Tgt Ion:252 Resp: 854

Ion Ratio Lower Upper

252 100

254 82.7 51.6 77.4#

126 106.1 10.3 15.5#



#83

Chrysene

Concen: 1828.131 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

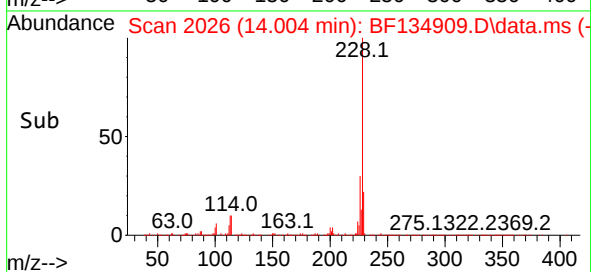
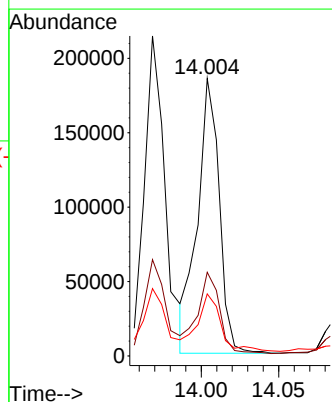
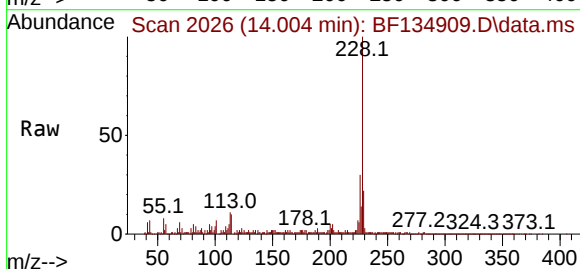
Tgt Ion:228 Resp: 180168

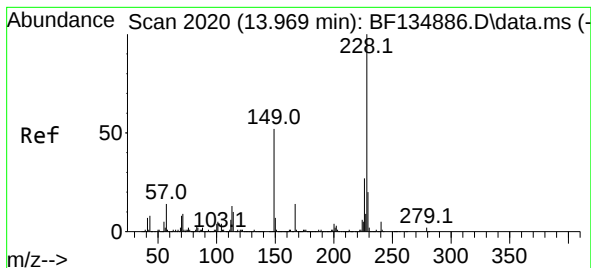
Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 22.4 16.0 24.0

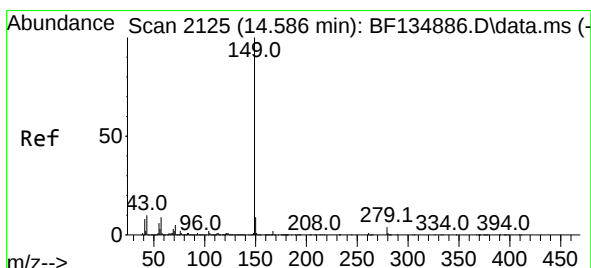
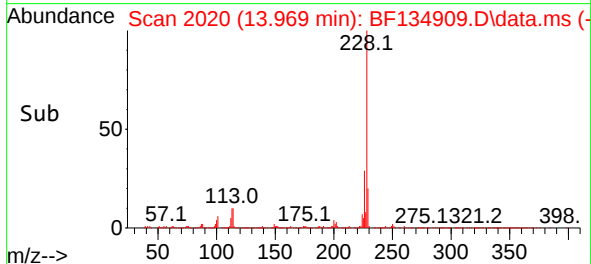
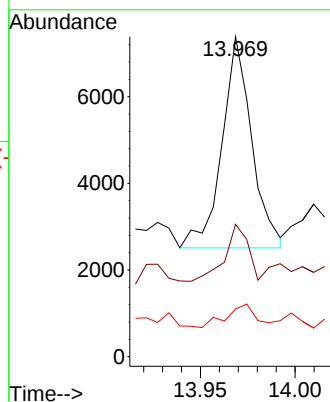
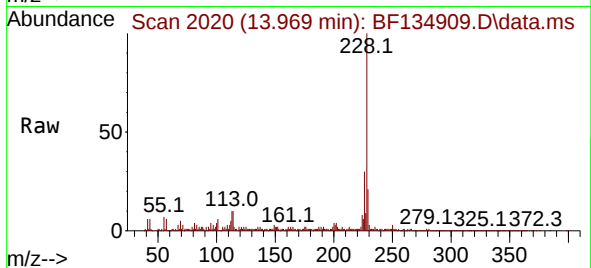




#84
Bis(2-ethylhexyl)phthalate
Concen: 104.023 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

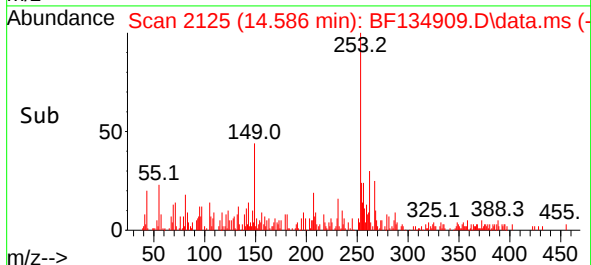
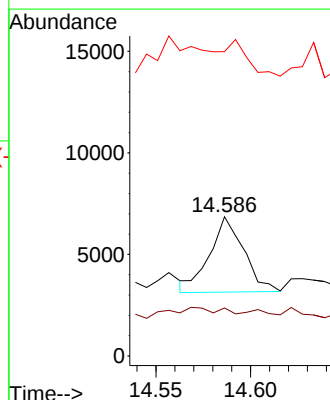
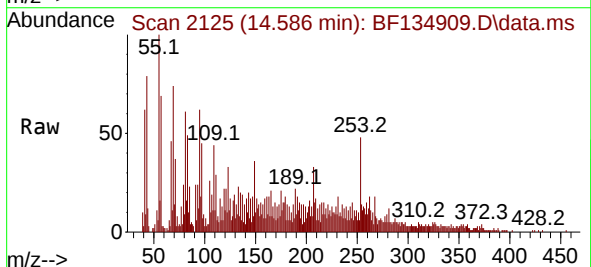
Instrument :
BNA_F
ClientSampleId :
OR-2-082123

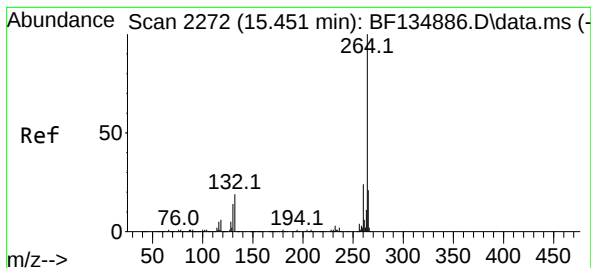
Tgt Ion:149 Resp: 5329
Ion Ratio Lower Upper
149 100
167 41.3 22.1 33.1#
279 14.9 3.6 5.4#



#85
Di-n-octyl phthalate
Concen: 55.652 ng
RT: 14.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Tgt Ion:149 Resp: 4649
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

OR-2-082123

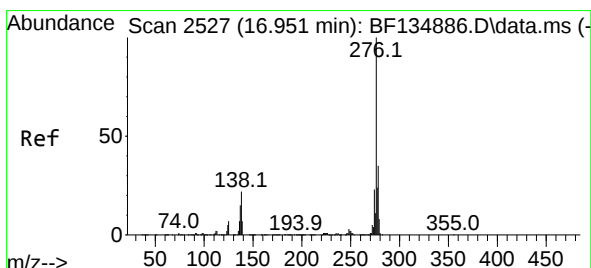
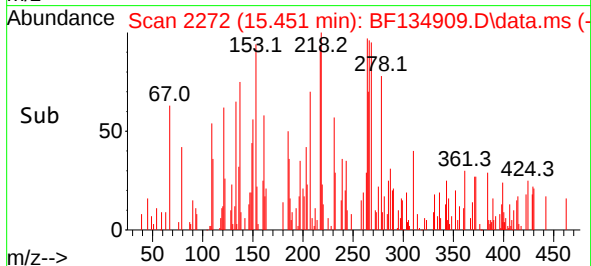
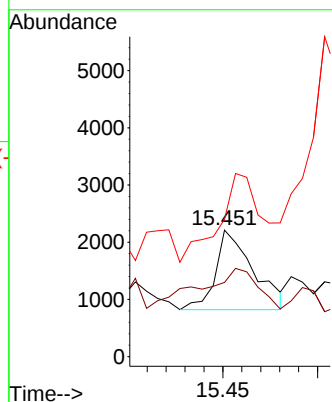
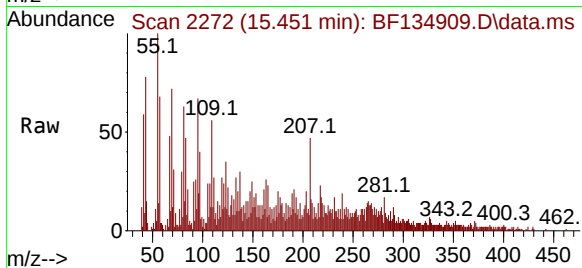
Tgt Ion:264 Resp: 1923

Ion Ratio Lower Upper

264 100

260 58.7 19.0 28.6#

265 108.6 17.1 25.7#



#87

Indeno(1,2,3-cd)pyrene

Concen: 615.929 ng

RT: 16.951 min Scan# 2527

Delta R.T. 0.000 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

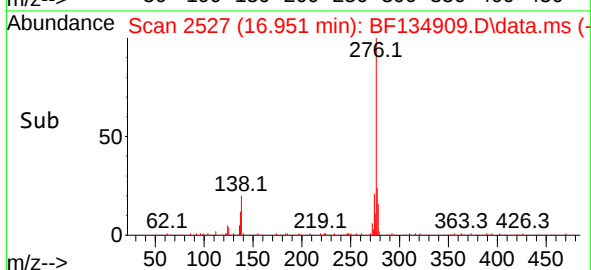
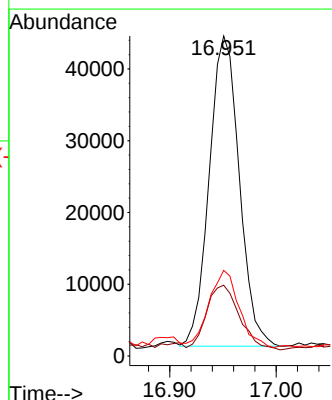
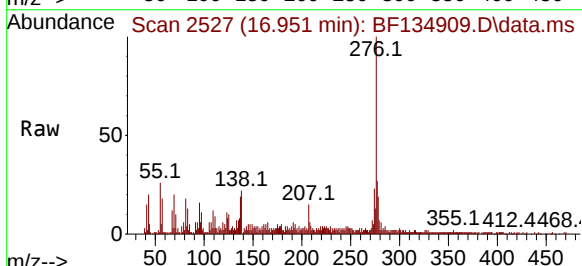
Tgt Ion:276 Resp: 84662

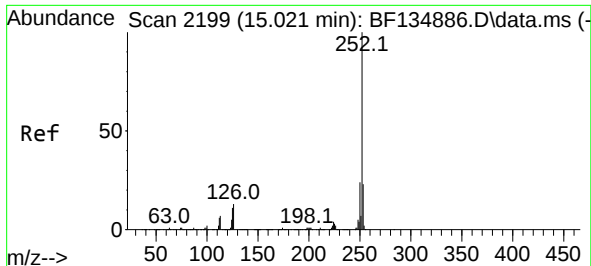
Ion Ratio Lower Upper

276 100

138 23.0 19.7 29.5

277 25.1 20.1 30.1

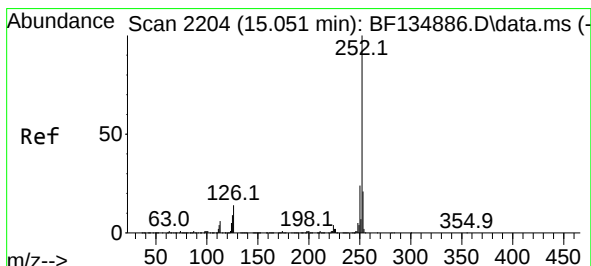
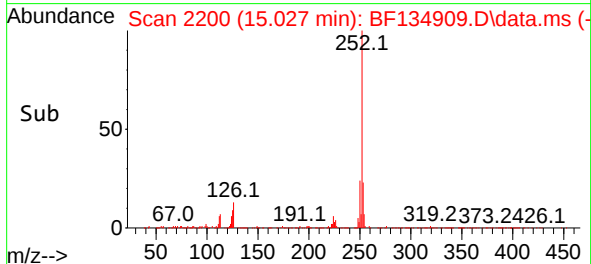
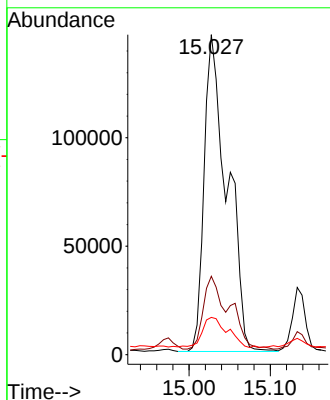
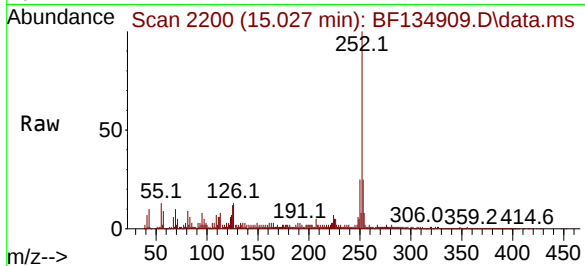




#88
Benzo(b)fluoranthene
Concen: 2666.404 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

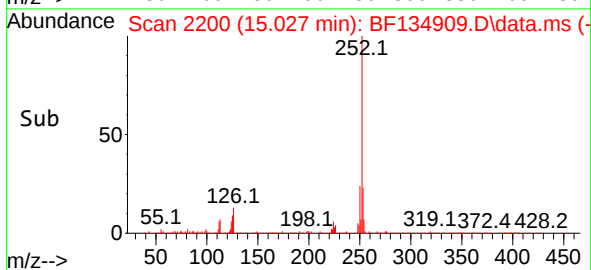
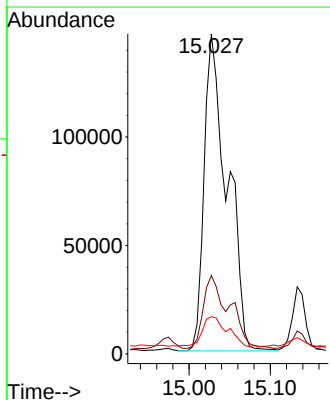
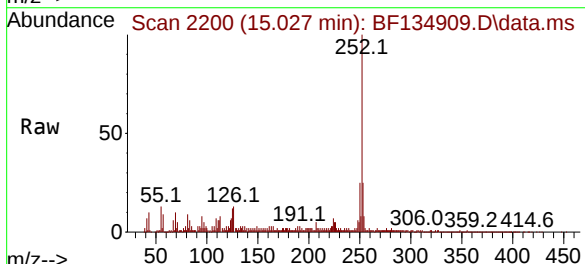
Instrument :
BNA_F
ClientSampleId :
OR-2-082123

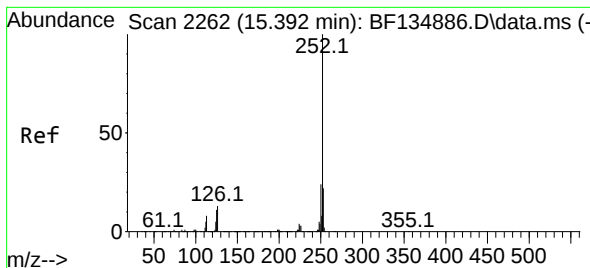
Tgt Ion:252 Resp: 289290
Ion Ratio Lower Upper
252 100
253 24.5 18.1 27.1
125 11.7 8.4 12.6



#89
Benzo(k)fluoranthene
Concen: 2715.344 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.024 min
Lab File: BF134909.D
Acq: 23 Aug 2023 17:41

Tgt Ion:252 Resp: 289290
Ion Ratio Lower Upper
252 100
253 24.5 17.1 25.7
125 11.7 8.0 12.0





#90

Benzo(a)pyrene

Concen: 1358.070 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

OR-2-082123

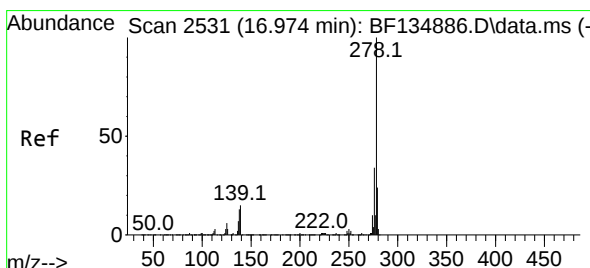
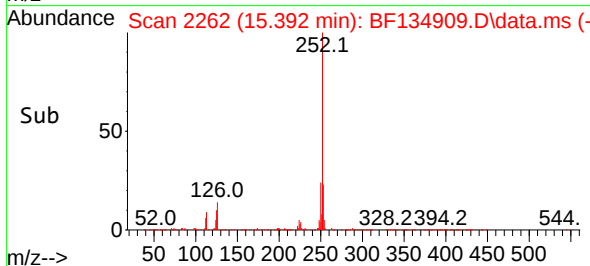
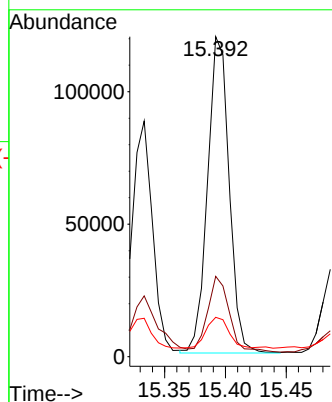
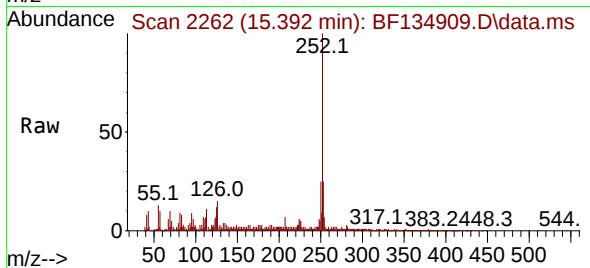
Tgt Ion:252 Resp: 147090

Ion Ratio Lower Upper

252 100

253 25.1 17.6 26.4

125 12.3 8.4 12.6



#91

Dibenzo(a,h)anthracene

Concen: 200.815 ng

RT: 16.962 min Scan# 2529

Delta R.T. -0.012 min

Lab File: BF134909.D

Acq: 23 Aug 2023 17:41

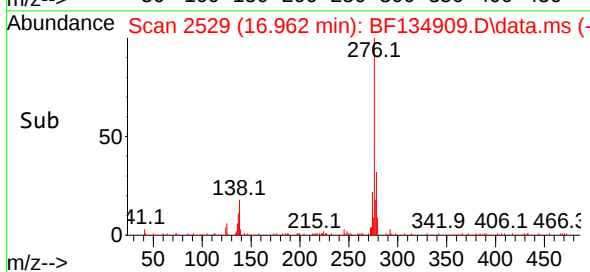
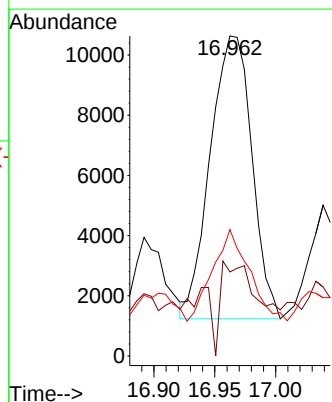
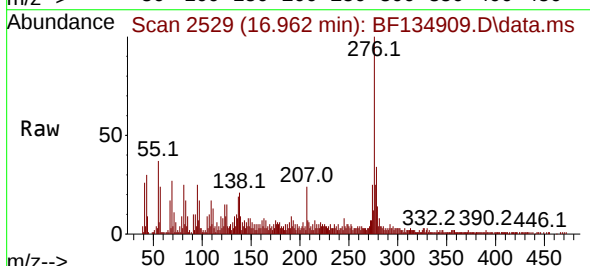
Tgt Ion:278 Resp: 22334

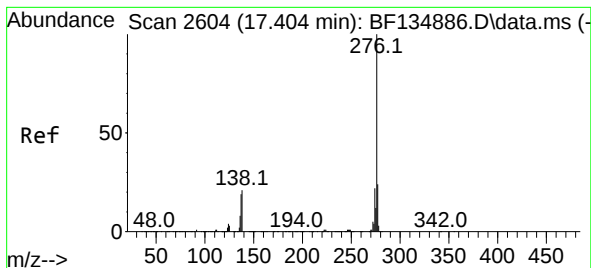
Ion Ratio Lower Upper

278 100

139 26.3 12.2 18.4#

279 39.5 19.1 28.7#





#92

Benzo(g,h,i)perylene

Concen: 774.286 ng

RT: 17.404 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF134909.D

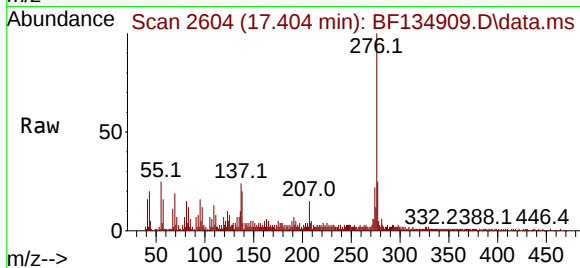
Acq: 23 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

OR-2-082123



Tgt Ion:276 Resp: 88153

Ion Ratio Lower Upper

276 100

277 25.3 19.2 28.8

138 19.7 17.0 25.6

