

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135121.D
 Acq On : 06 Sep 2023 06:03
 Operator : CG\JU
 Sample : 04202-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Quant Time: Sep 06 06:22:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

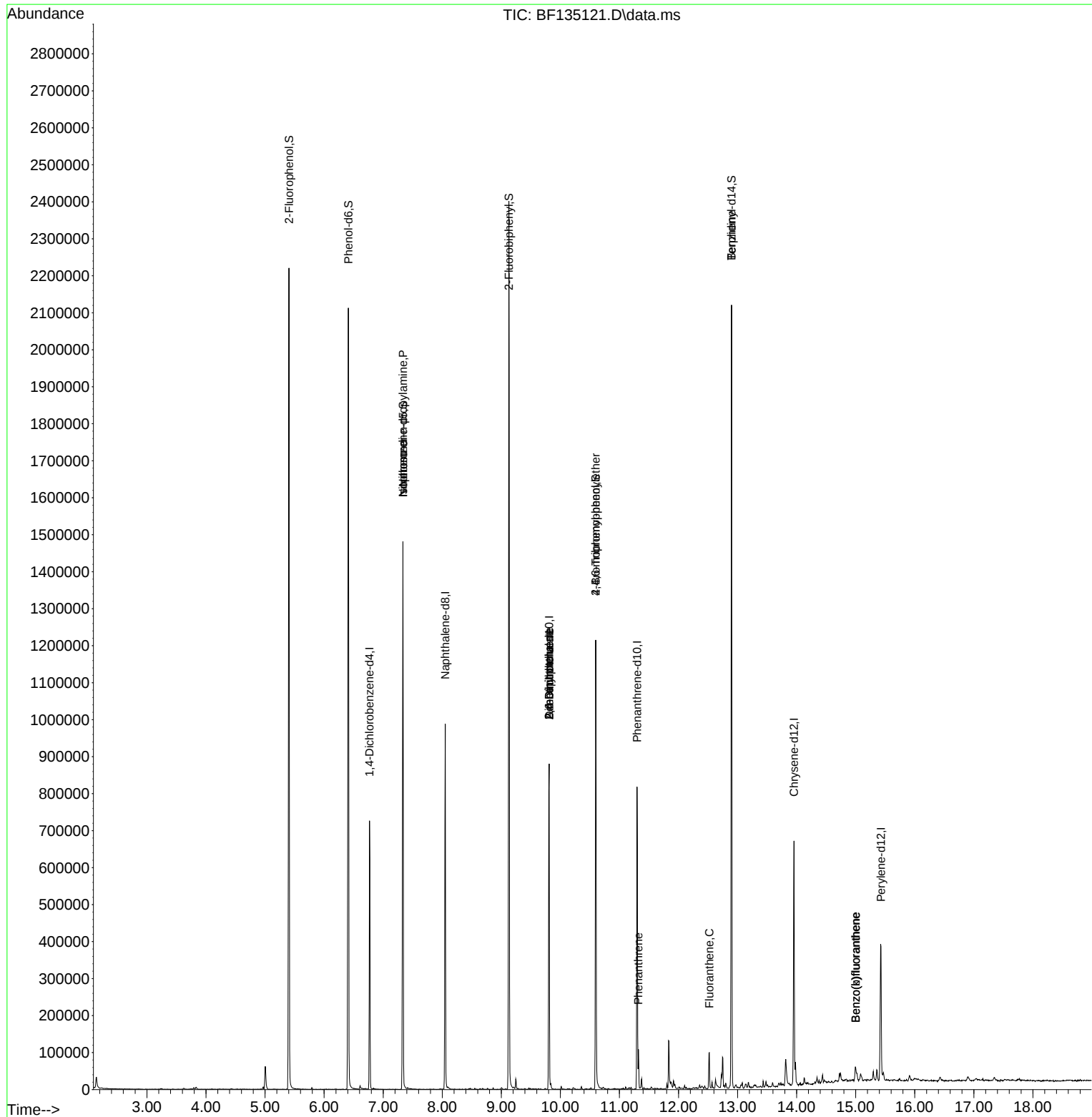
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	104127	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	419720	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	185745	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	296176	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	206284	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	179532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	567179	84.135	ng	0.00
7) Phenol-d6	6.410	99	705825	84.001	ng	0.00
23) Nitrobenzene-d5	7.334	82	450207	60.261	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	145269	73.727	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	750993	65.827	ng	-0.01
79) Terphenyl-d14	12.898	244	677691	53.612	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	61298	12.281	ng	# 80
25) Isophorone	7.334	82	450201	31.783	ng	# 65
50) Dimethylphthalate	9.810	163	38564	2.965	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	23033	8.071	ng	# 23
57) 2,4-Dinitrotoluene	9.810	165	23033	6.476	ng	# 21
67) 4-Bromophenyl-phenylether	10.598	248	9132	2.907	ng	# 1
71) Phenanthrene	11.322	178	35554	2.327	ng	98
75) Fluoranthene	12.521	202	41347	2.676	ng	95
77) Benzidine	12.898	184	8532	2.294	ng	# 95
88) Benzo(b)fluoranthene	14.998	252	26142	2.340	ng	96
89) Benzo(k)fluoranthene	14.998	252	26142	2.422	ng	95

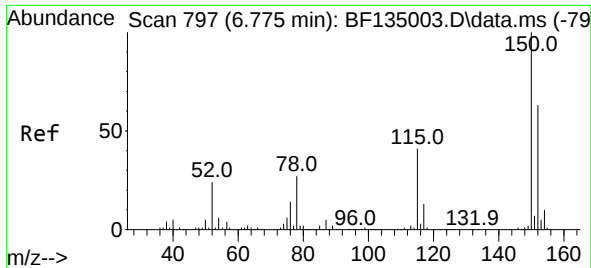
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135121.D
Acq On : 06 Sep 2023 06:03
Operator : CG\JU
Sample : 04202-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-2

Quant Time: Sep 06 06:22:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

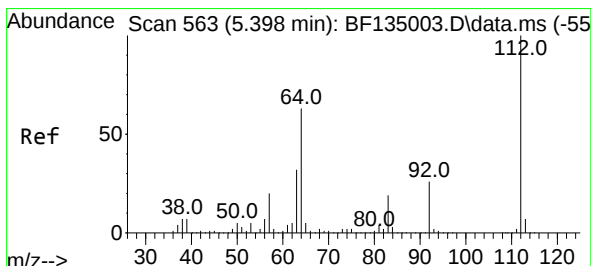
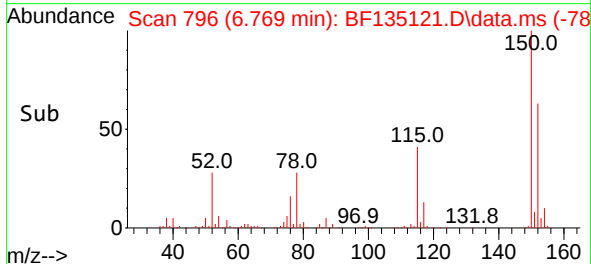
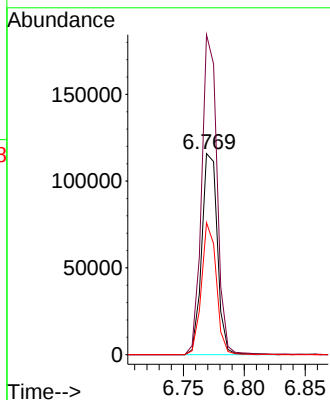
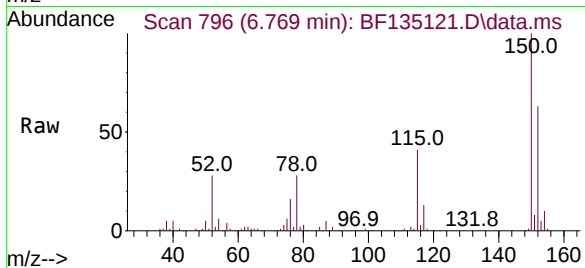




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

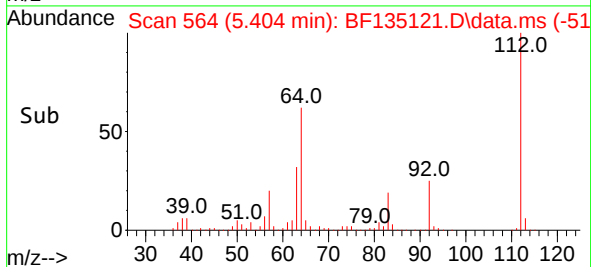
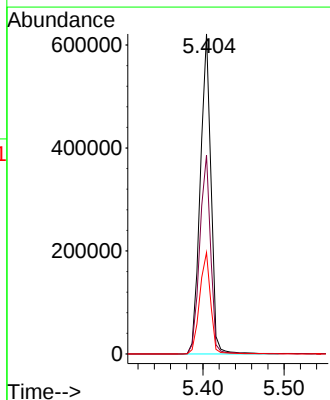
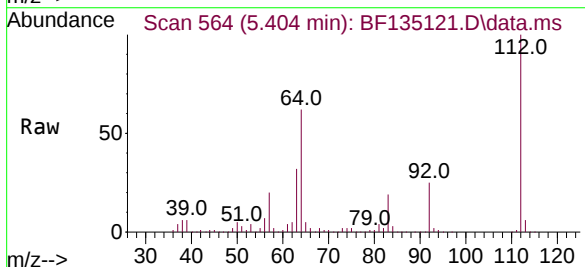
Instrument :
BNA_F
ClientSampleId :
C-2

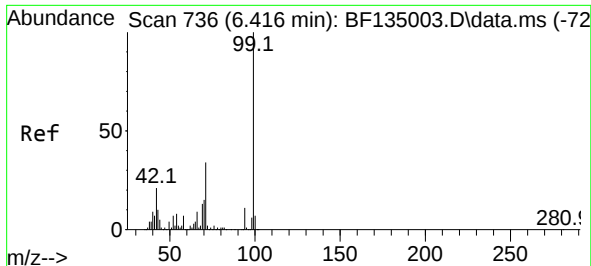
Tgt Ion:152 Resp: 104127
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.4
115 65.7 51.2 76.8



#5
2-Fluorophenol
Concen: 84.135 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

Tgt Ion:112 Resp: 567179
Ion Ratio Lower Upper
112 100
64 62.1 50.5 75.7
63 31.7 25.9 38.9

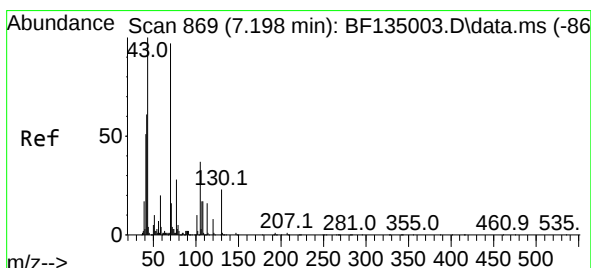
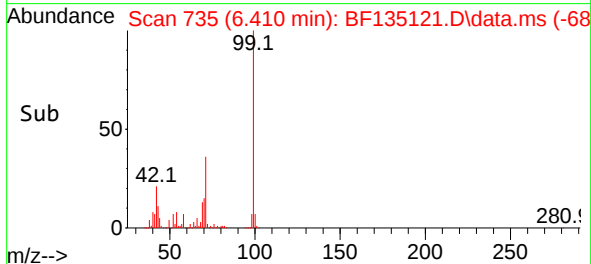
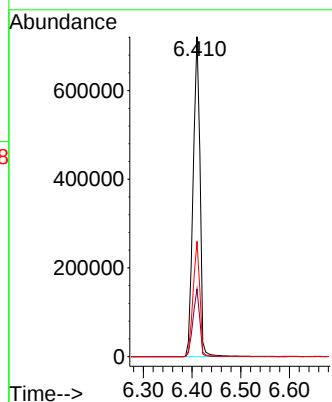
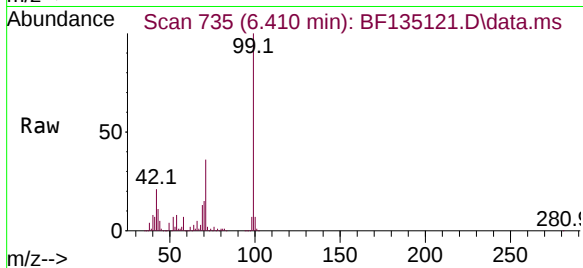




#7
Phenol-d6
Concen: 84.001 ng
RT: 6.410 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

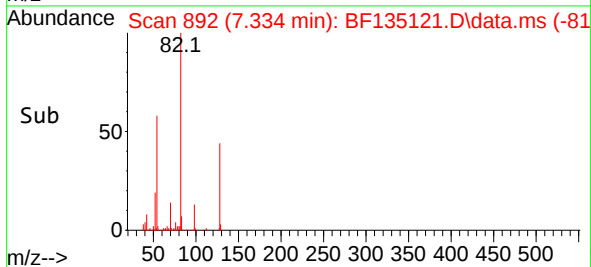
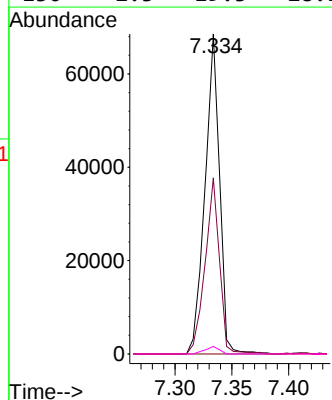
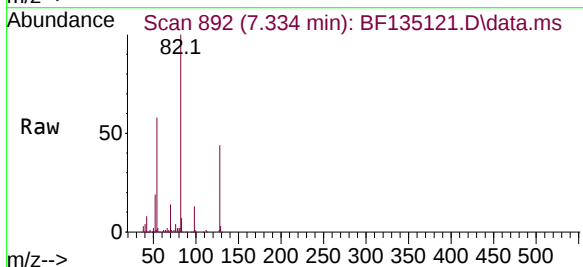
Instrument :
BNA_F
ClientSampleId :
C-2

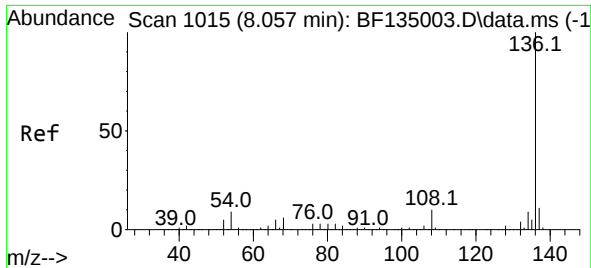
Tgt Ion: 99 Resp: 705825
Ion Ratio Lower Upper
99 100
42 21.1 16.6 25.0
71 36.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.281 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

Tgt Ion: 70 Resp: 61298
Ion Ratio Lower Upper
70 100
42 55.0 50.2 75.4
101 0.0 8.1 12.1#
130 2.3 19.3 28.9#

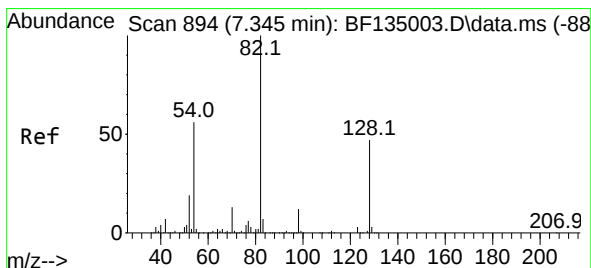
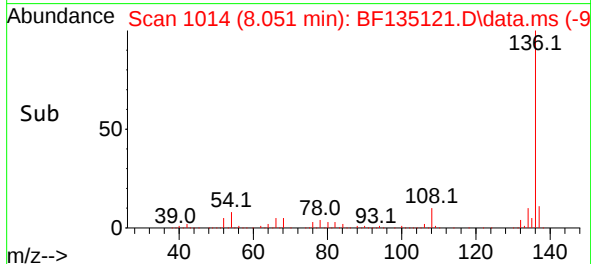
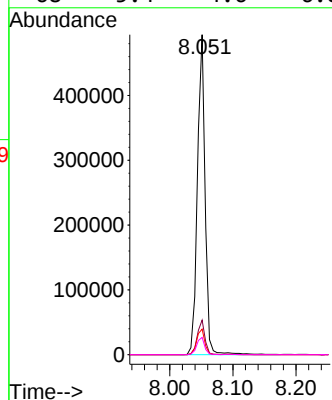
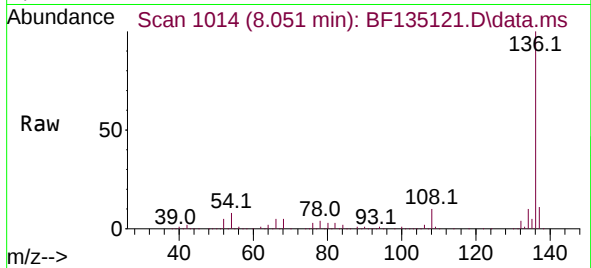




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

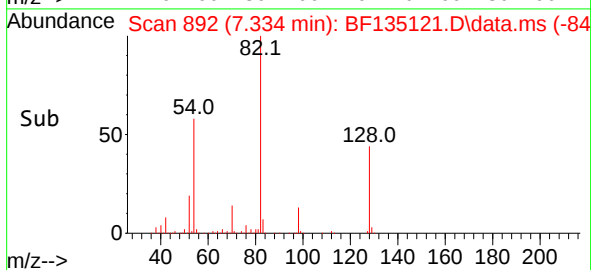
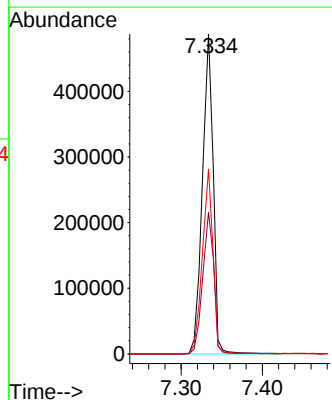
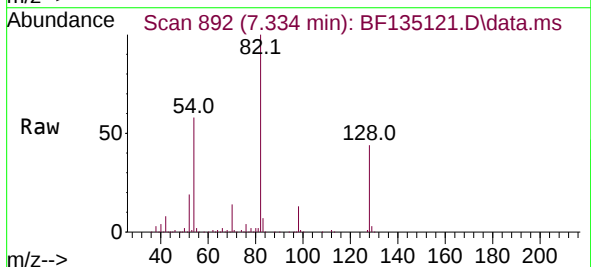
Instrument :
BNA_F
ClientSampleId :
C-2

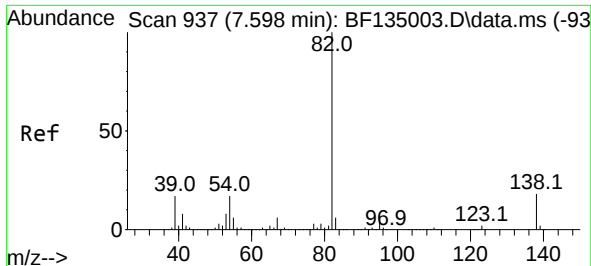
Tgt Ion:136	Resp: 419720
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 8.0	7.0 10.4
68 5.4	4.6 6.8



#23
Nitrobenzene-d5
Concen: 60.261 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

Tgt Ion: 82	Resp: 450207
Ion Ratio	Lower Upper
82 100	
128 44.3	37.8 56.8
54 57.7	45.0 67.6

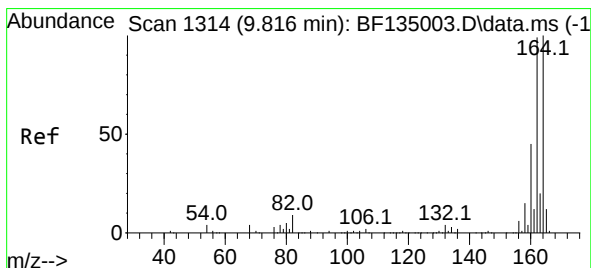
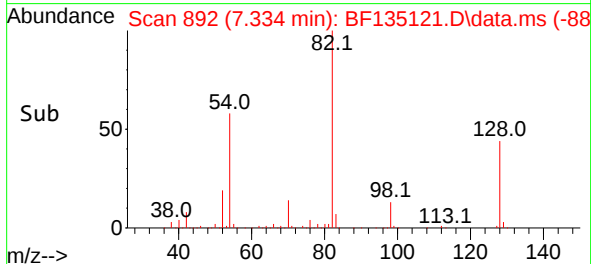
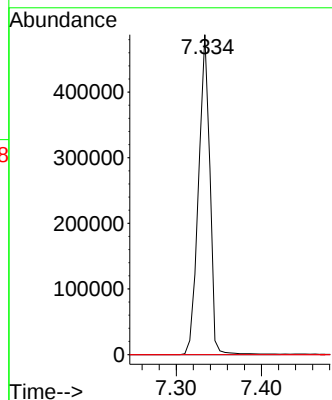
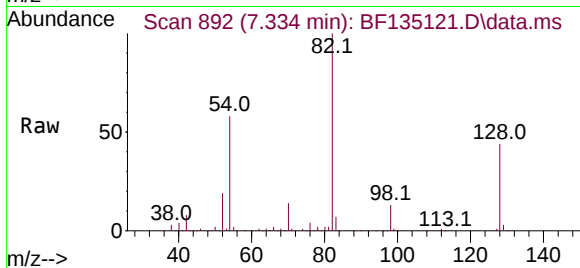




#25
Isophorone
Concen: 31.783 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

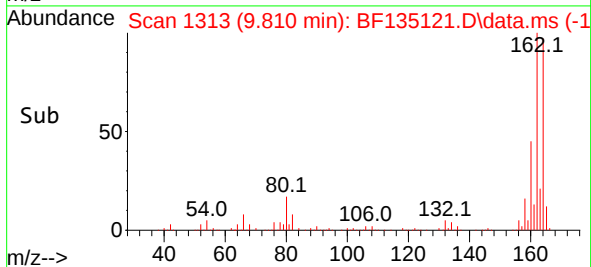
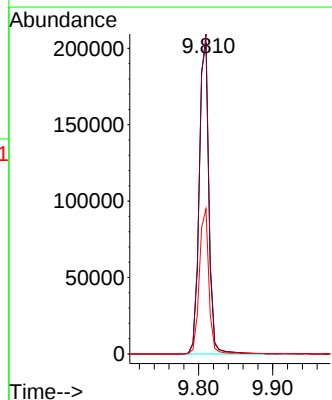
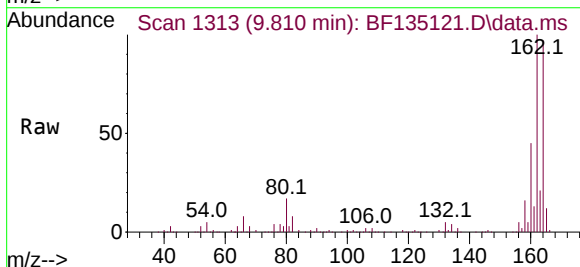
Instrument :
BNA_F
ClientSampleId :
C-2

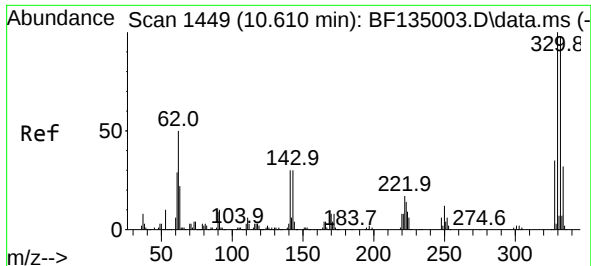
Tgt Ion: 82 Resp: 450201
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

Tgt Ion: 164 Resp: 185745
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 46.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 73.727 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135121.D

Acq: 06 Sep 2023 06:03

Instrument :

BNA_F

ClientSampleId :

C-2

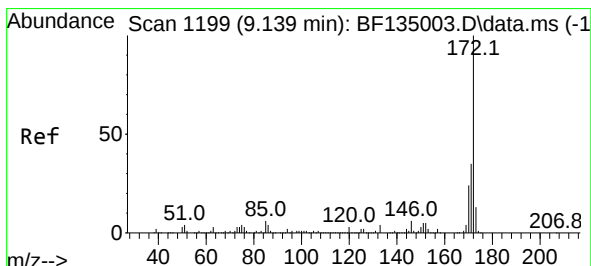
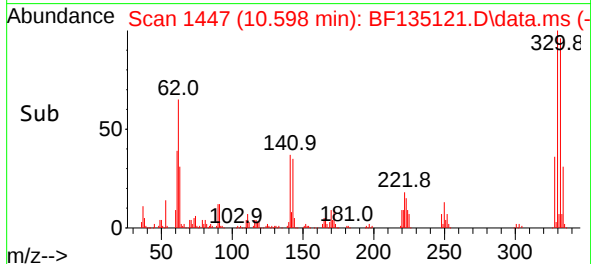
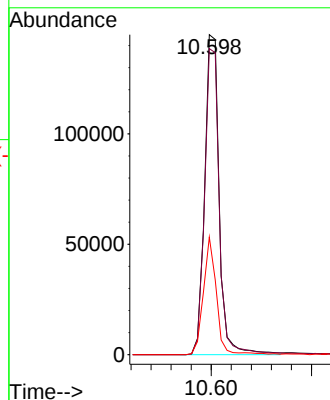
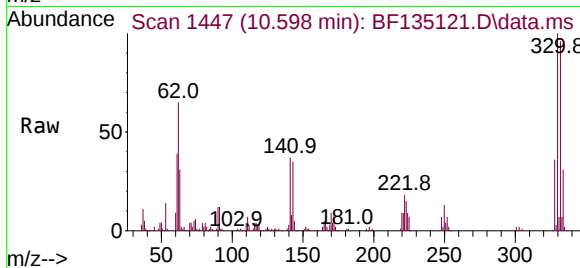
Tgt Ion:330 Resp: 145269

Ion Ratio Lower Upper

330 100

332 97.5 77.6 116.4

141 32.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 65.827 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135121.D

Acq: 06 Sep 2023 06:03

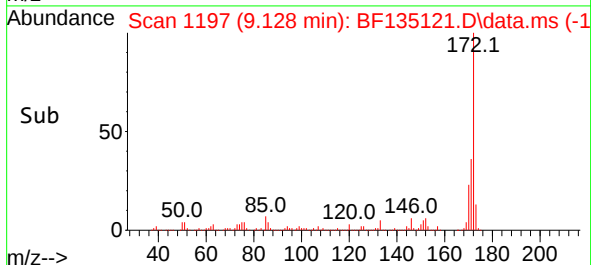
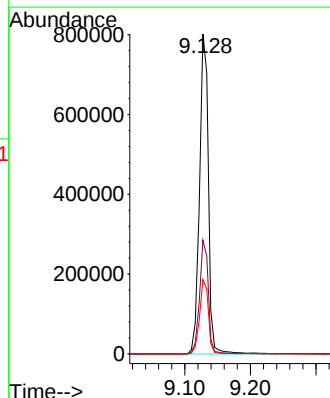
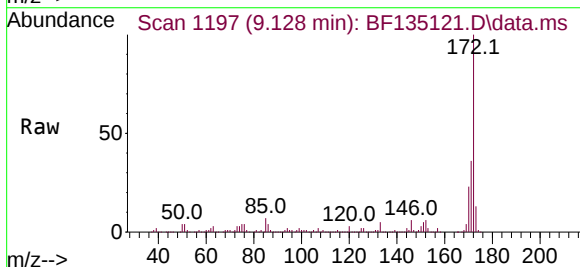
Tgt Ion:172 Resp: 750993

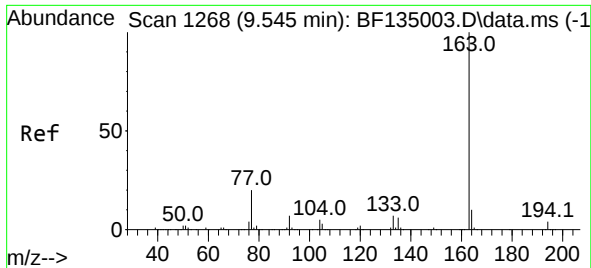
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.2 19.0 28.4

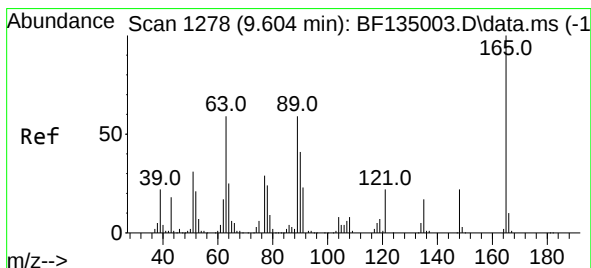
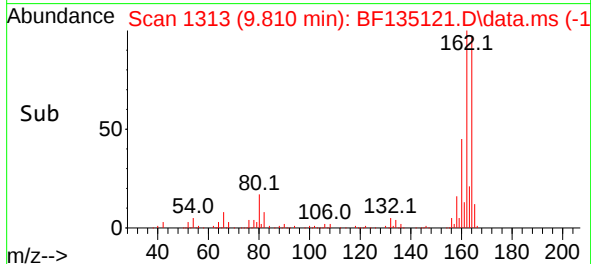
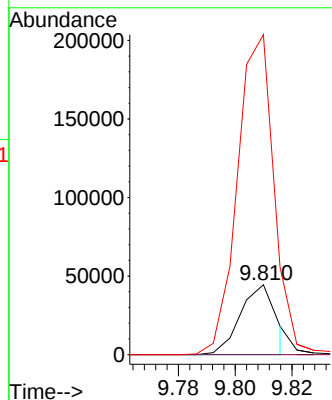
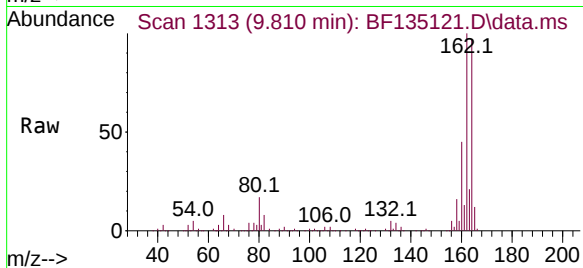




#50
Dimethylphthalate
Concen: 2.965 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.265 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

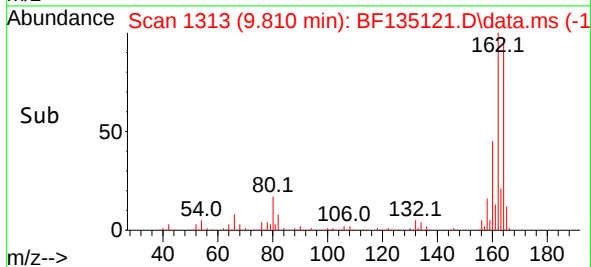
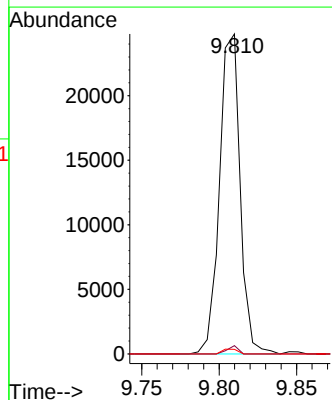
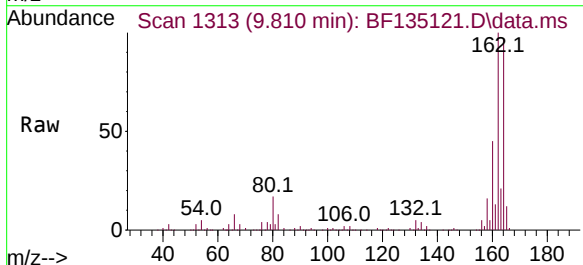
Instrument :
BNA_F
ClientSampleId :
C-2

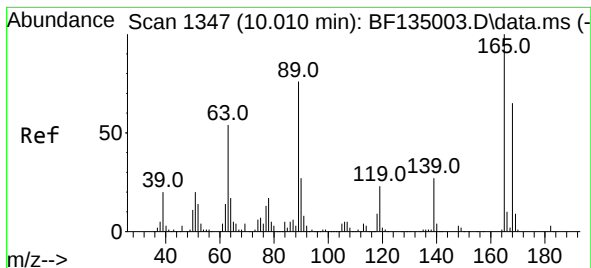
Tgt Ion:163 Resp: 38564
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 458.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.071 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

Tgt Ion:165 Resp: 23033
Ion Ratio Lower Upper
165 100
63 2.6 50.4 75.6#
89 1.4 47.1 70.7#

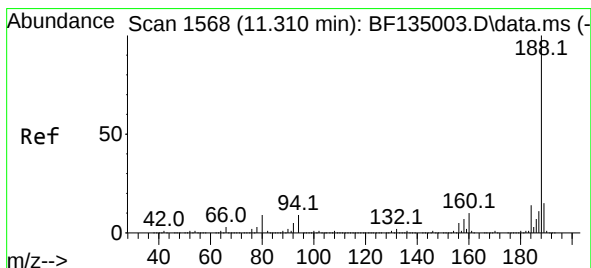
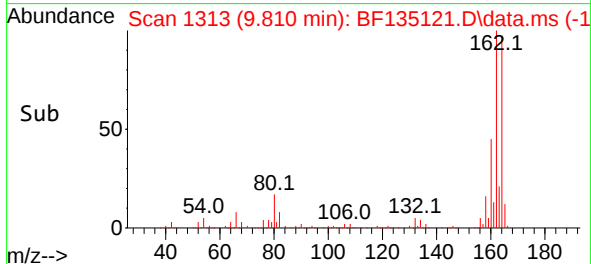
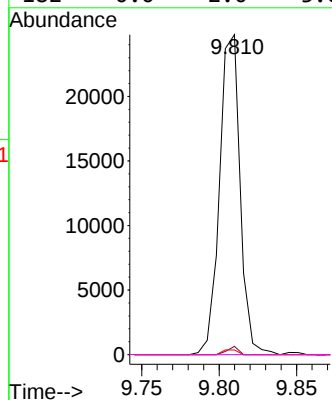
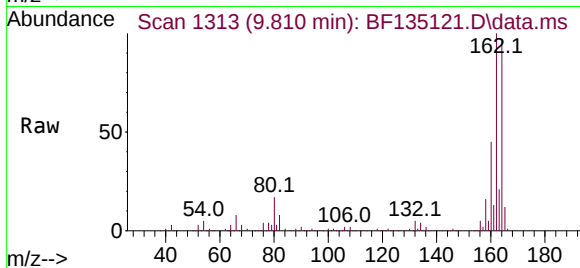




#57
2,4-Dinitrotoluene
Concen: 6.476 ng
RT: 9.810 min Scan# 1347
Delta R.T. -0.200 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

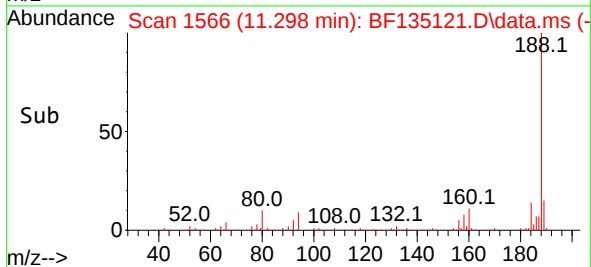
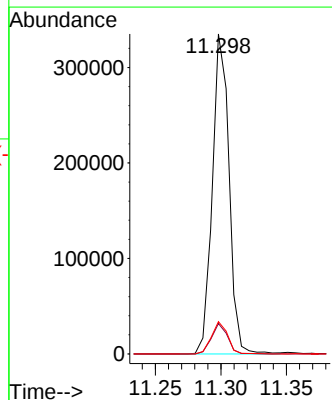
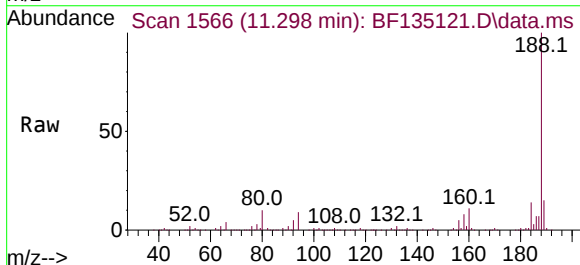
Instrument :
BNA_F
ClientSampleId :
C-2

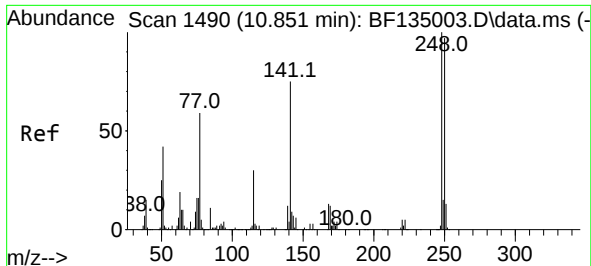
Tgt Ion:165 Resp: 23033
Ion Ratio Lower Upper
165 100
63 2.6 43.2 64.8#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

Tgt Ion:188 Resp: 296176
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.1 7.4 11.2





#67

4-Bromophenyl-phenylether

Concen: 2.907 ng

RT: 10.598 min Scan# 14

Delta R.T. -0.253 min

Lab File: BF135121.D

Acq: 06 Sep 2023 06:03

Instrument :

BNA_F

ClientSampleId :

C-2

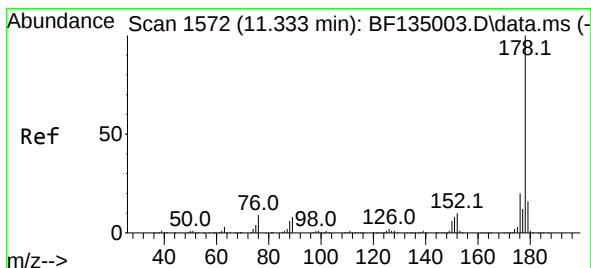
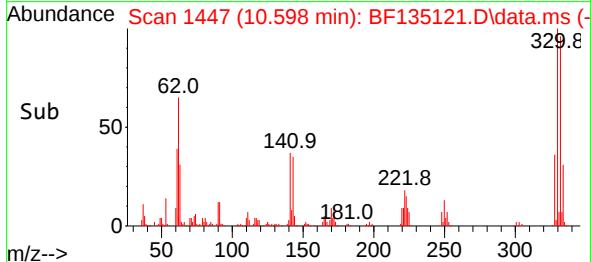
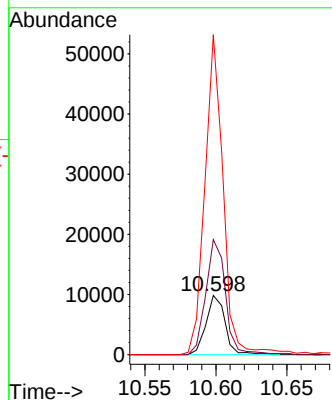
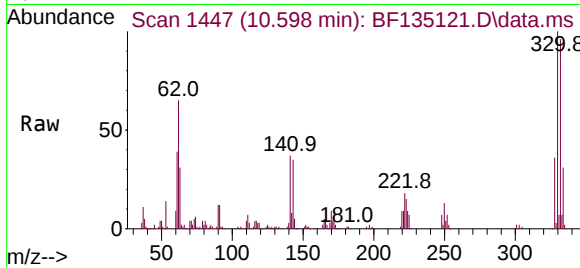
Tgt Ion:248 Resp: 9132

Ion Ratio Lower Upper

248 100

250 194.3 77.9 116.9#

141 540.5 59.8 89.8#



#71

Phenanthrene

Concen: 2.327 ng

RT: 11.322 min Scan# 1570

Delta R.T. -0.012 min

Lab File: BF135121.D

Acq: 06 Sep 2023 06:03

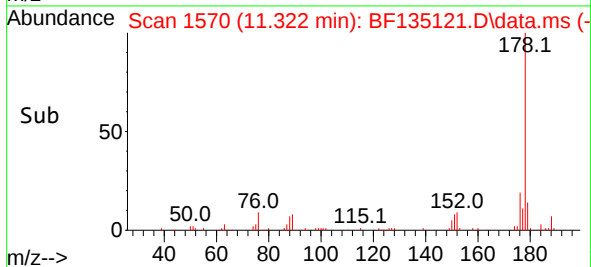
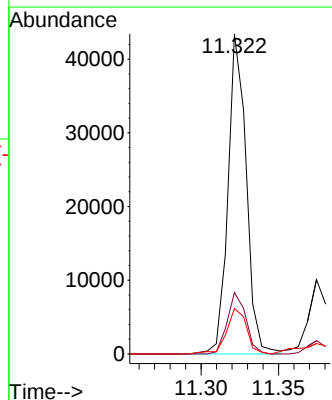
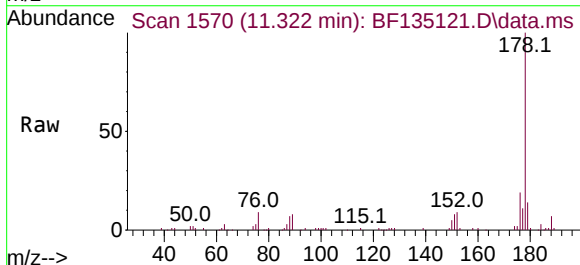
Tgt Ion:178 Resp: 35554

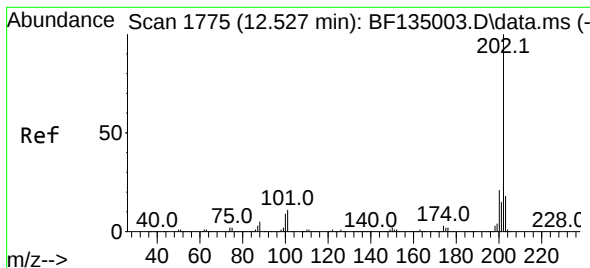
Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

179 14.2 12.5 18.7





#75

Fluoranthene

Concen: 2.676 ng

RT: 12.521 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF135121.D

Acq: 06 Sep 2023 06:03

Instrument :

BNA_F

ClientSampleId :

C-2

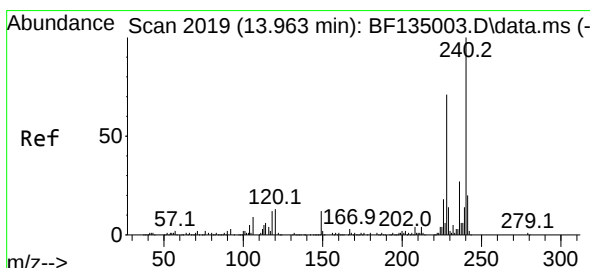
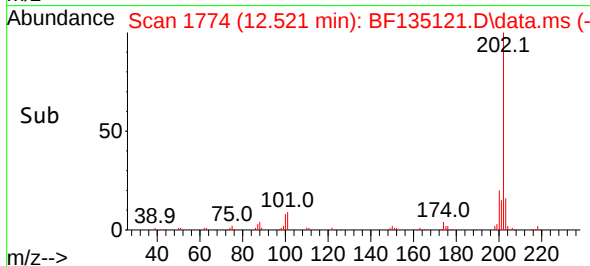
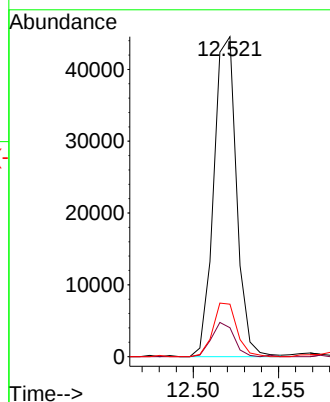
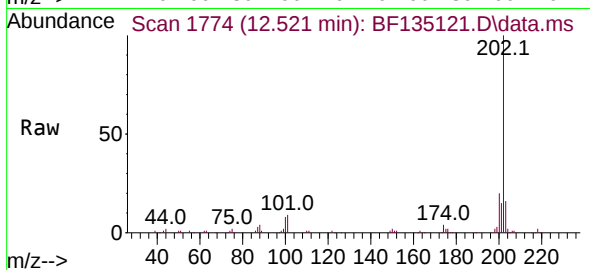
Tgt Ion:202 Resp: 41347

Ion Ratio Lower Upper

202 100

101 9.0 0.0 31.5

203 16.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF135121.D

Acq: 06 Sep 2023 06:03

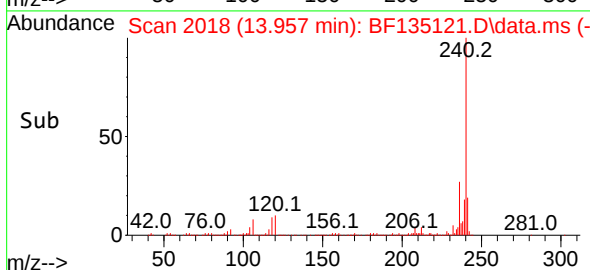
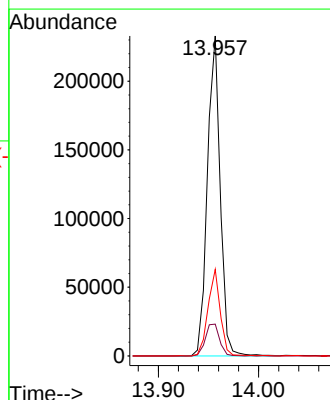
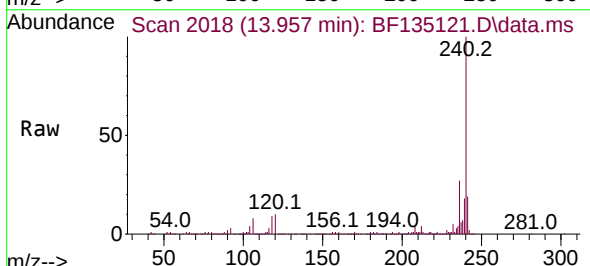
Tgt Ion:240 Resp: 206284

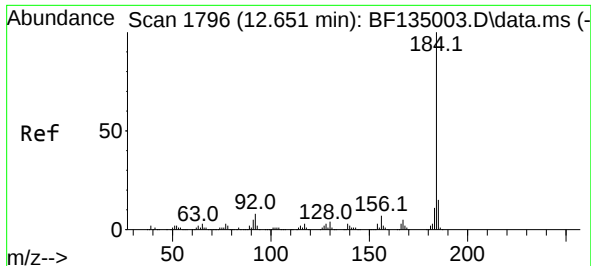
Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.2#

236 27.0 21.3 31.9

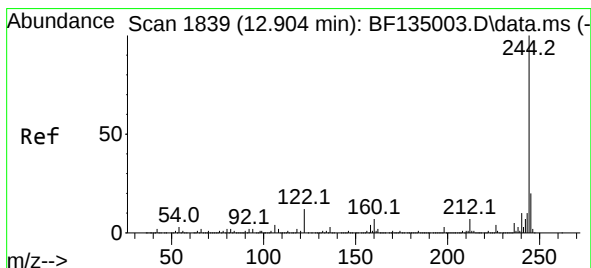
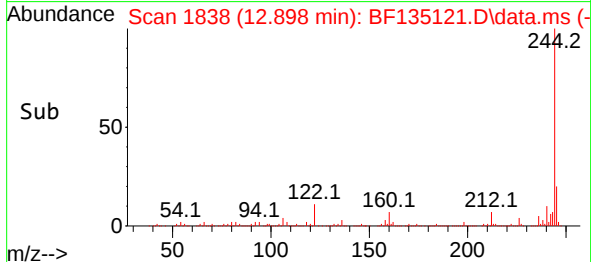
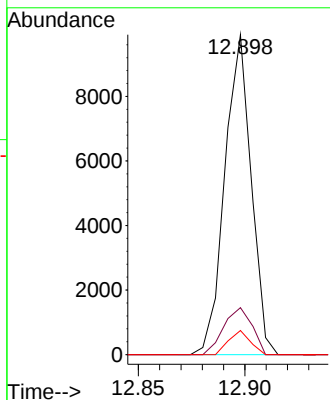
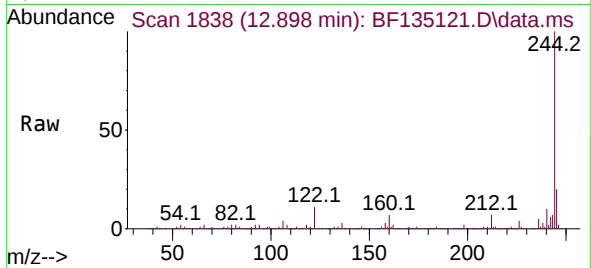




#77
Benzidine
Concen: 2.294 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

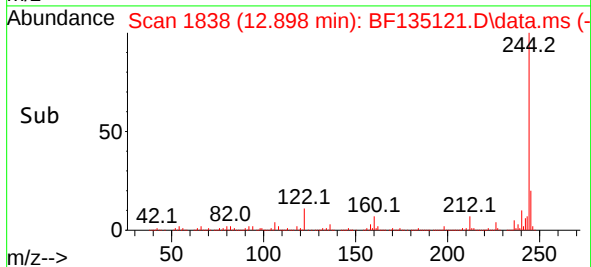
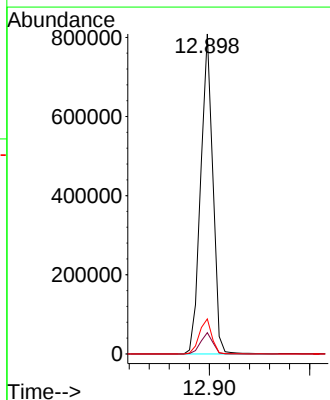
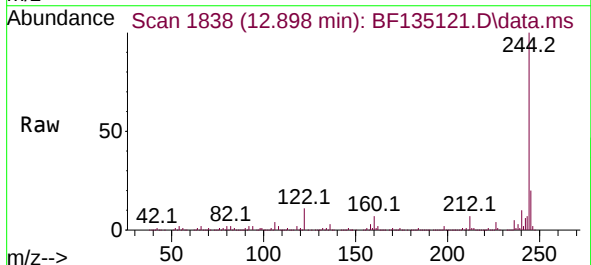
Instrument :
BNA_F
ClientSampleId :
C-2

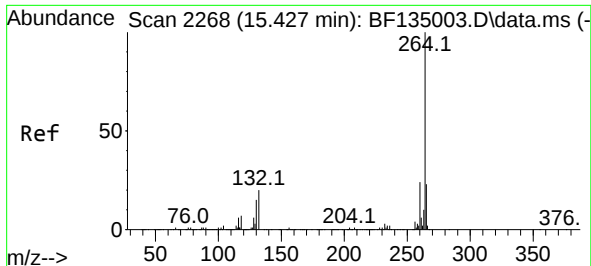
Tgt Ion:184 Resp: 8532
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 7.6 9.0 13.6#



#79
Terphenyl-d14
Concen: 53.612 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

Tgt Ion:244 Resp: 677691
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.9 9.8 14.6



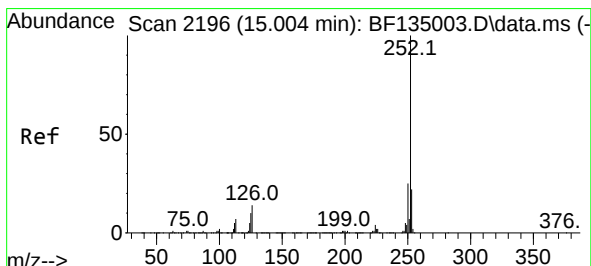
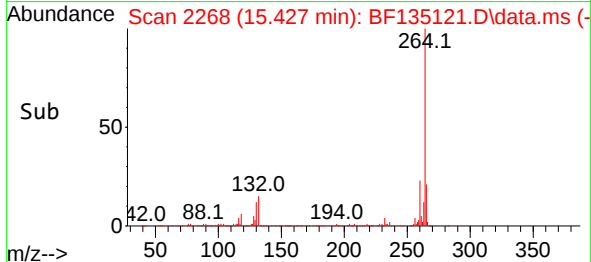
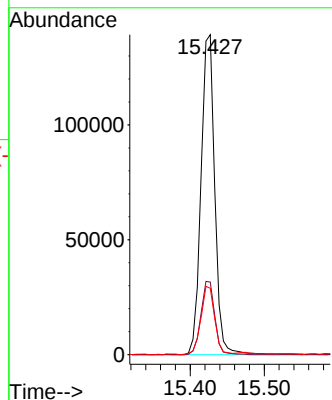
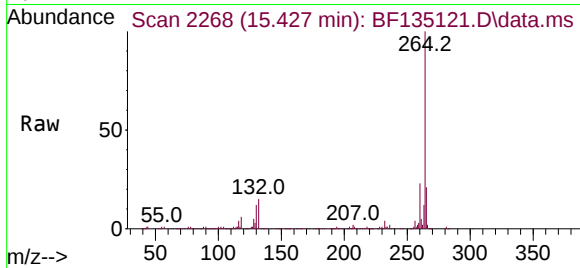


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

Instrument :
BNA_F
ClientSampleId :
C-2

Tgt Ion:264 Resp: 179532

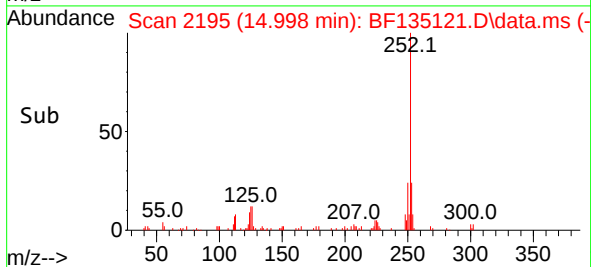
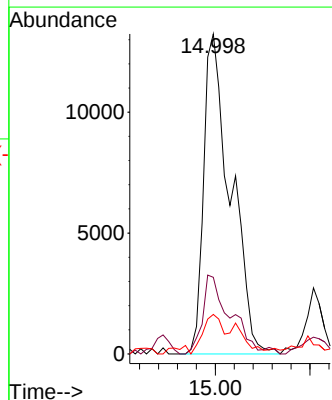
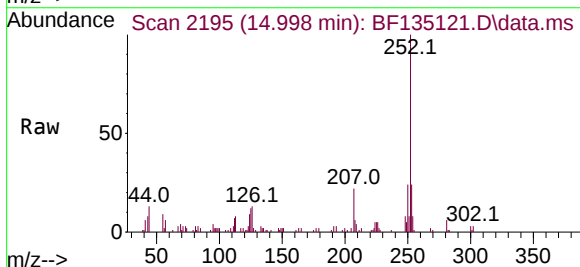
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	20.7	18.2	27.2

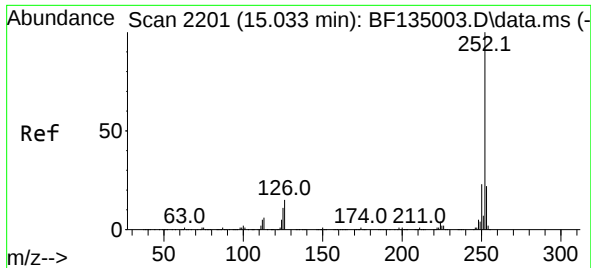


#88
Benzo(b)fluoranthene
Concen: 2.340 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF135121.D
Acq: 06 Sep 2023 06:03

Tgt Ion:252 Resp: 26142

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	12.3	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 2.422 ng

RT: 14.998 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF135121.D

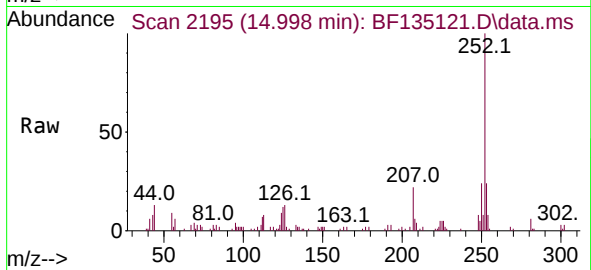
Acq: 06 Sep 2023 06:03

Instrument :

BNA_F

ClientSampleId :

C-2



Tgt Ion:252 Resp: 26142

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

125 12.3 8.5 12.7

