

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135384.D
 Acq On : 21 Sep 2023 17:09
 Operator : CG\JU
 Sample : 04515-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Sep 22 05:58:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

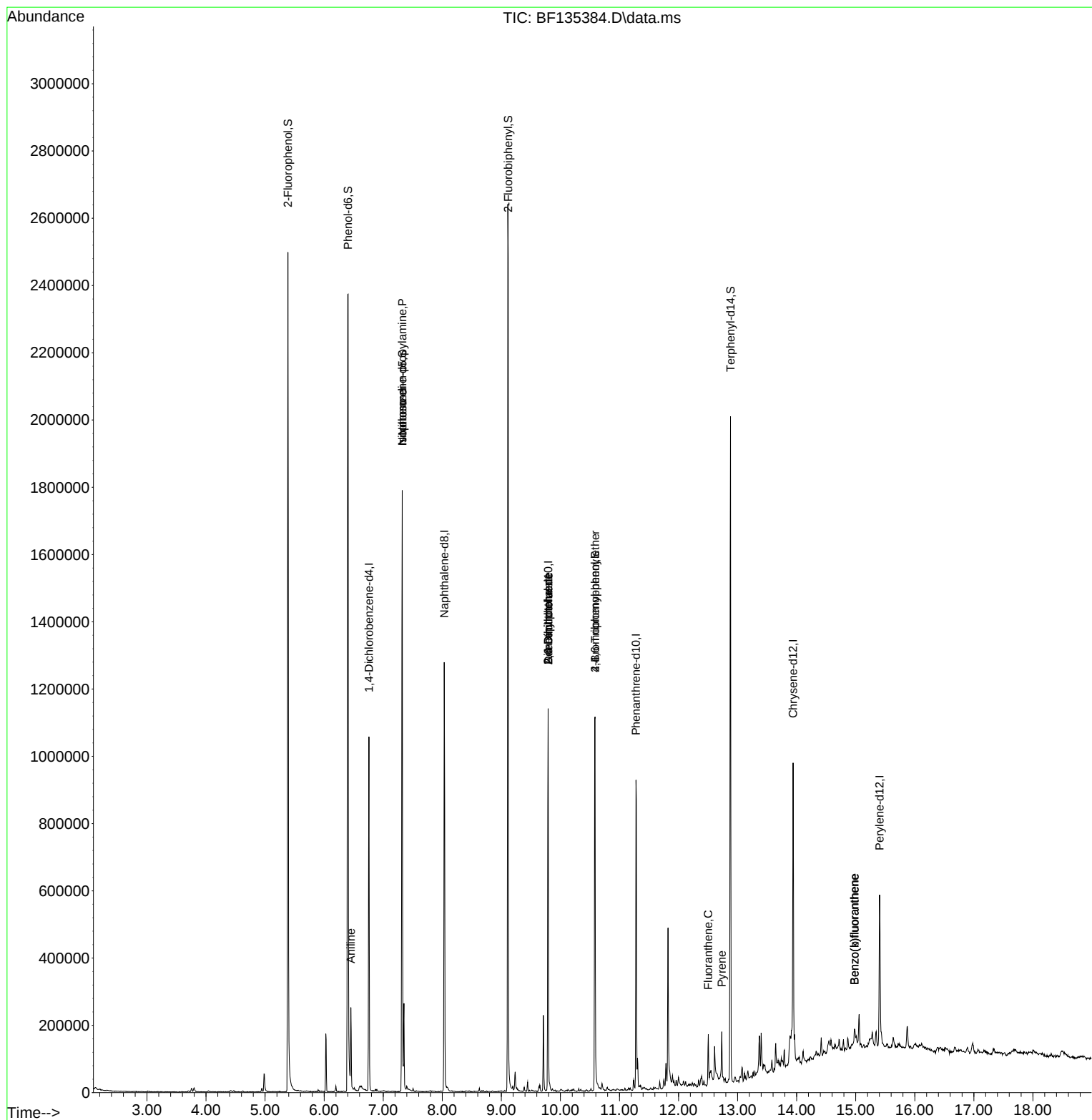
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	146221	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	527922	20.000	ng	#-0.01
39) Acenaphthene-d10	9.793	164	224422	20.000	ng	-0.01
64) Phenanthrene-d10	11.281	188	347593	20.000	ng	#-0.01
76) Chrysene-d12	13.939	240	266863	20.000	ng	0.00
86) Perylene-d12	15.404	264	210134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	684407	76.128	ng	0.00
7) Phenol-d6	6.405	99	890126	77.866	ng	0.00
23) Nitrobenzene-d5	7.322	82	526825	54.217	ng	-0.01
42) 2,4,6-Tribromophenol	10.587	330	136542	61.224	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	880841	59.216	ng	-0.01
79) Terphenyl-d14	12.881	244	662919	38.509	ng	-0.01
Target Compounds						
						Qvalue
6) Aniline	6.452	93	43172	2.880	ng	# 46
19) n-Nitroso-di-n-propyla...	7.322	70	67535	9.538	ng	# 79
25) Isophorone	7.322	82	526815	29.525	ng	# 65
50) Dimethylphthalate	9.793	163	42289	2.787	ng	# 1
51) 2,6-Dinitrotoluene	9.793	165	29036	8.735	ng	# 17
57) 2,4-Dinitrotoluene	9.793	165	29036	6.978	ng	# 18
67) 4-Bromophenyl-phenylether	10.587	248	9080	2.627	ng	# 1
75) Fluoranthene	12.504	202	57367	3.349	ng	98
78) Pyrene	12.734	202	58475	2.301	ng	97
88) Benzo(b)fluoranthene	14.980	252	35847	3.151	ng	# 89
89) Benzo(k)fluoranthene	14.980	252	35847	3.190	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
Data File : BF135384.D
Acq On : 21 Sep 2023 17:09
Operator : CG\JU
Sample : 04515-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Time: Sep 22 05:58:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

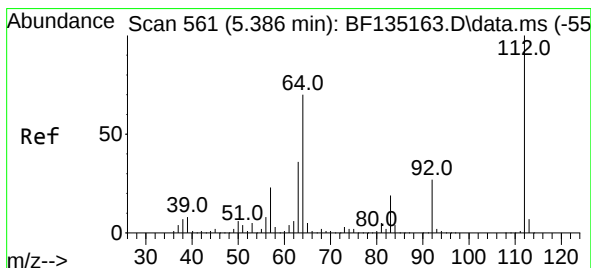
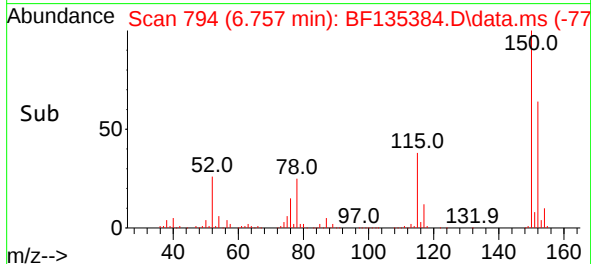
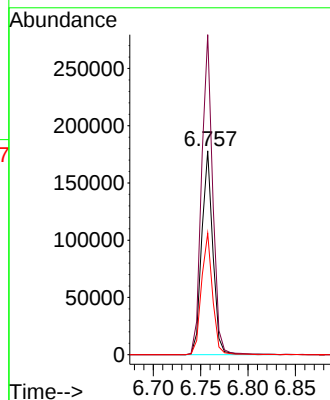
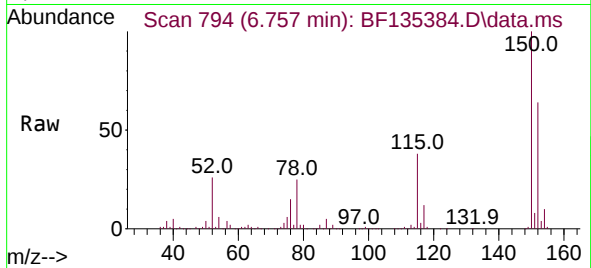




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

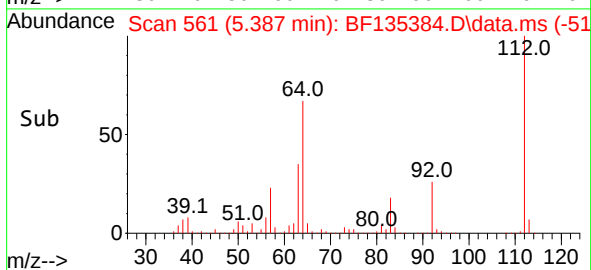
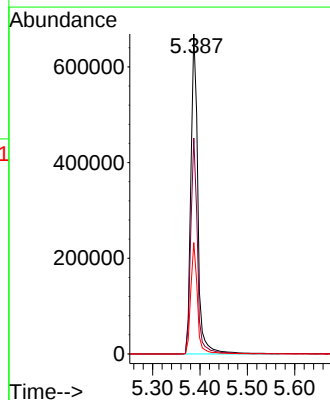
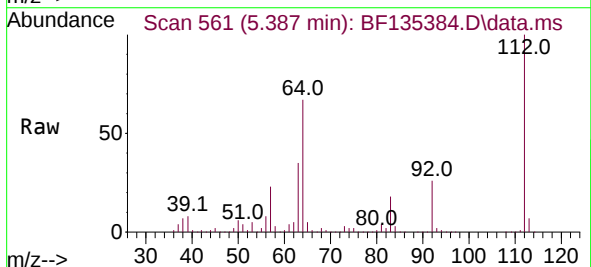
Instrument :
BNA_F
ClientSampleId :
WC-1

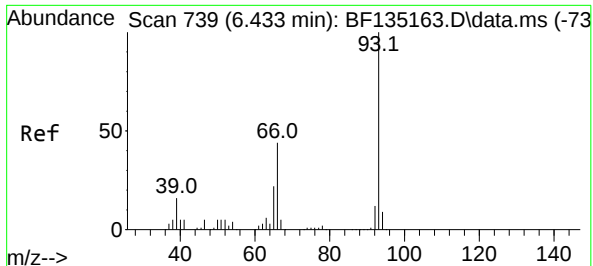
Tgt Ion:152 Resp: 146221
Ion Ratio Lower Upper
152 100
150 157.0 127.8 191.6
115 59.6 49.8 74.8



#5
2-Fluorophenol
Concen: 76.128 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

Tgt Ion:112 Resp: 684407
Ion Ratio Lower Upper
112 100
64 67.5 55.9 83.9
63 34.8 29.0 43.6

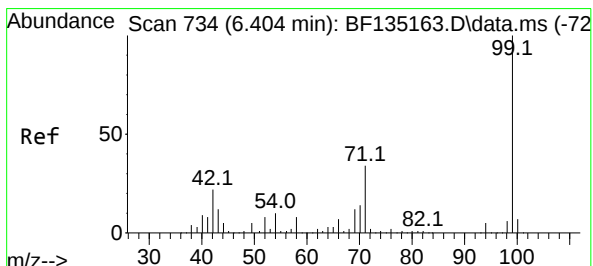
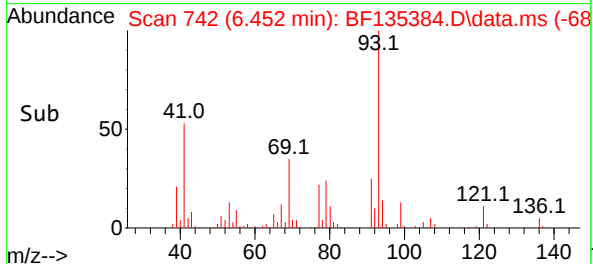
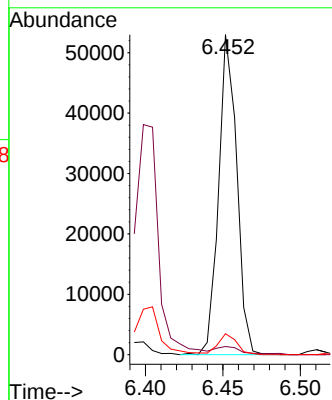
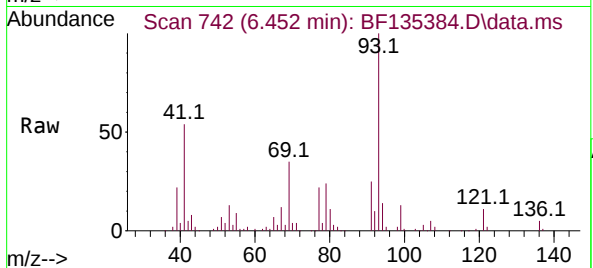




#6
Aniline
Concen: 2.880 ng
RT: 6.452 min Scan# 742
Delta R.T. 0.018 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

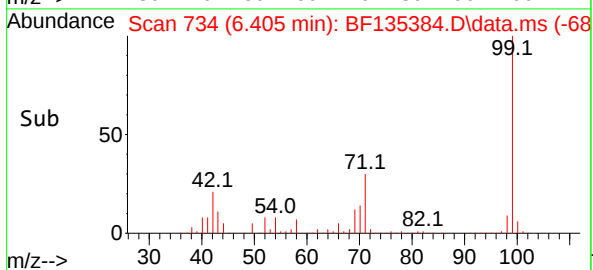
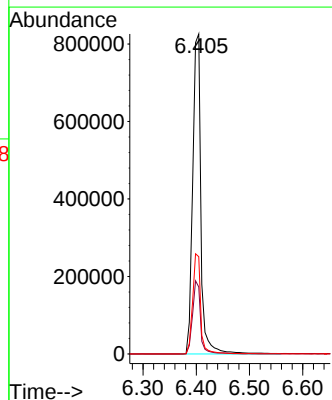
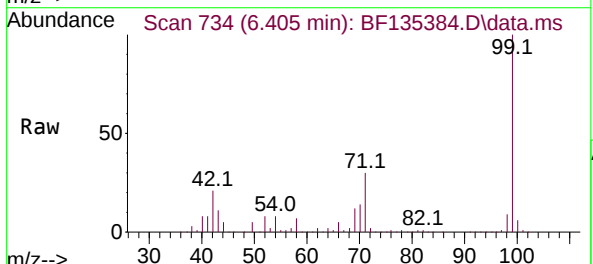
Instrument :
BNA_F
ClientSampleId :
WC-1

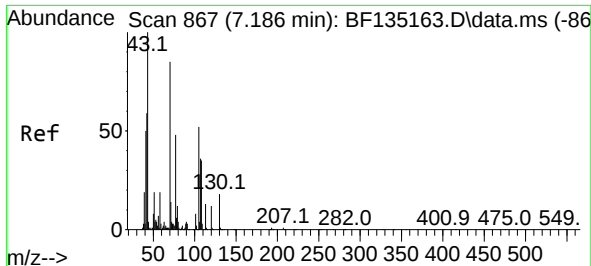
Tgt Ion: 93 Resp: 43172
Ion Ratio Lower Upper
93 100
66 2.6 35.4 53.0#
65 6.6 17.8 26.8#



#7
Phenol-d6
Concen: 77.866 ng
RT: 6.405 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

Tgt Ion: 99 Resp: 890126
Ion Ratio Lower Upper
99 100
42 21.0 17.9 26.9
71 30.4 27.0 40.6



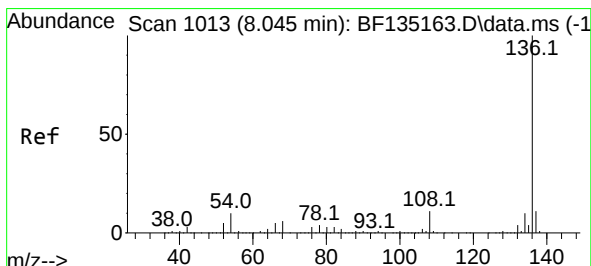
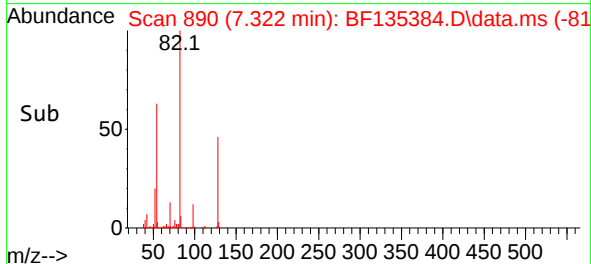
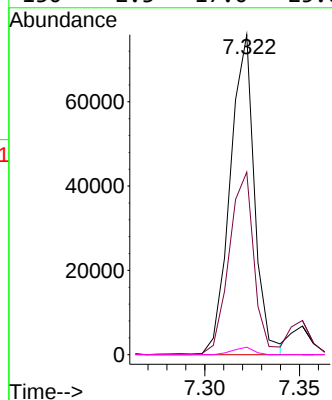
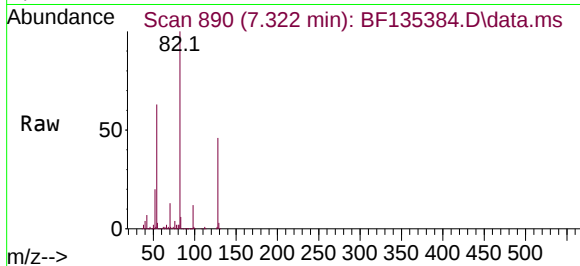


#19
n-Nitroso-di-n-propylamine
Concen: 9.538 ng
RT: 7.322 min Scan# 81
Delta R.T. 0.136 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 70 Resp: 67535

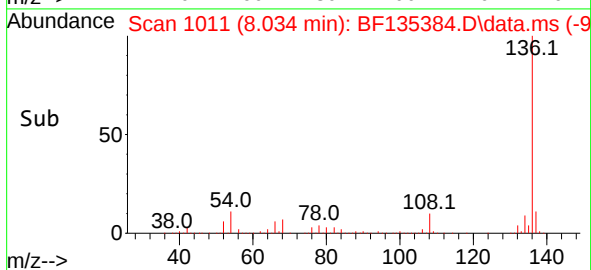
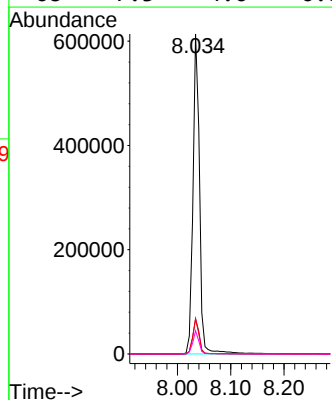
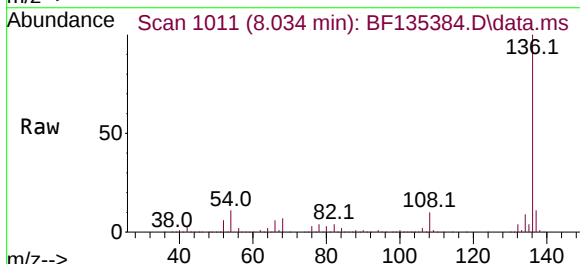
Ion	Ratio	Lower	Upper
70	100		
42	57.0	55.4	83.0
101	0.0	7.7	11.5#
130	2.3	17.0	25.6#

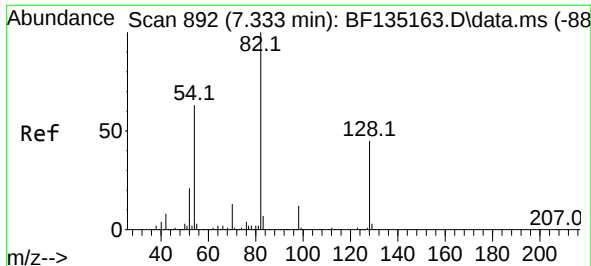


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

Tgt Ion: 136 Resp: 527922

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.0	7.7	11.5
68	7.3	4.6	6.8#





#23

Nitrobenzene-d5

Concen: 54.217 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.011 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-1

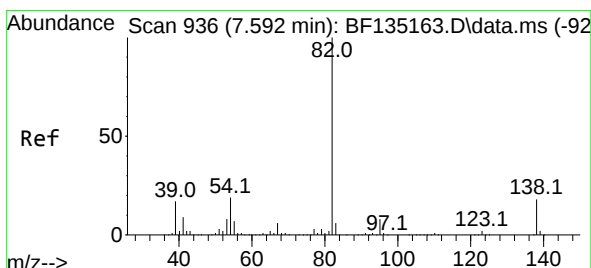
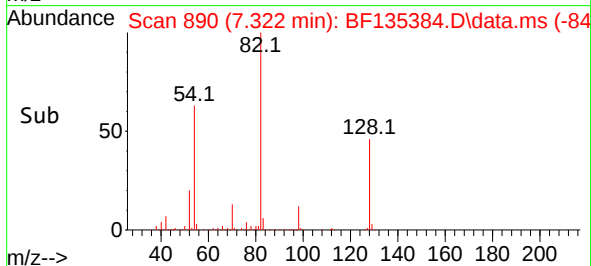
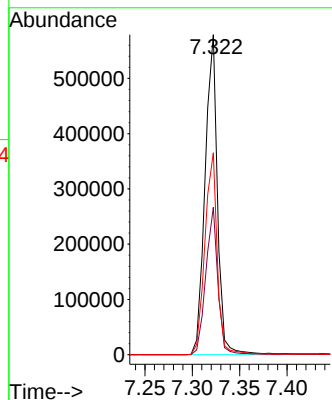
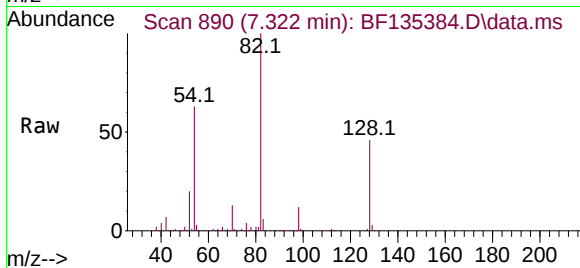
Tgt Ion: 82 Resp: 526825

Ion Ratio Lower Upper

82 100

128 46.0 35.8 53.6

54 63.1 50.6 76.0



#25

Isophorone

Concen: 29.525 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.270 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

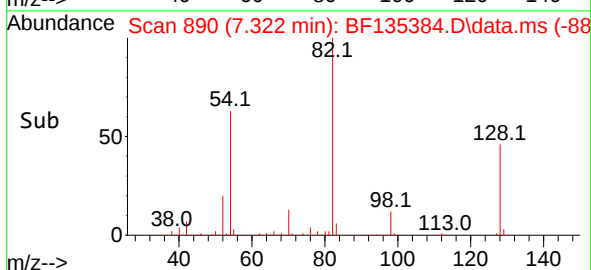
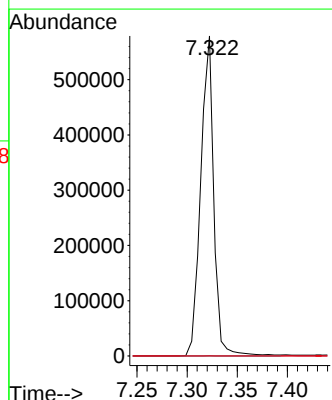
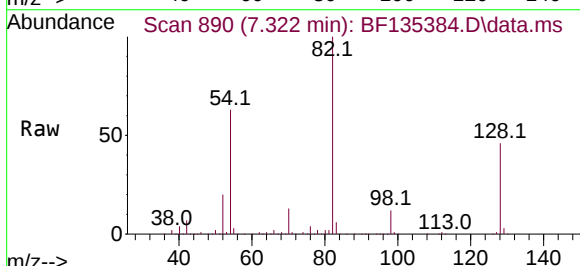
Tgt Ion: 82 Resp: 526815

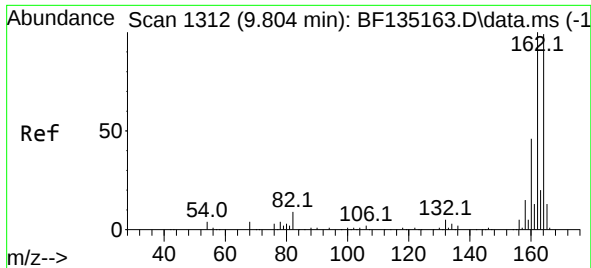
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.5 21.7#

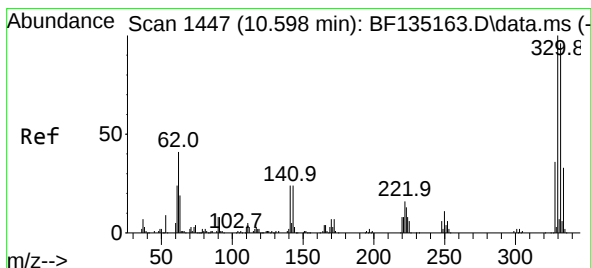
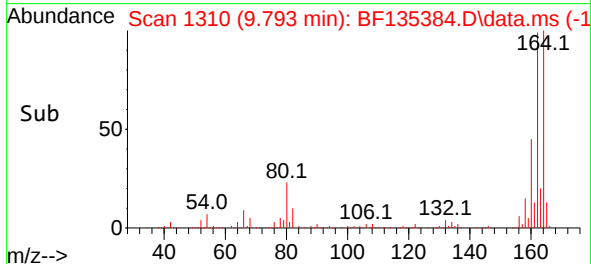
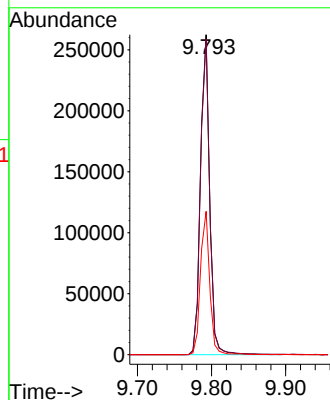
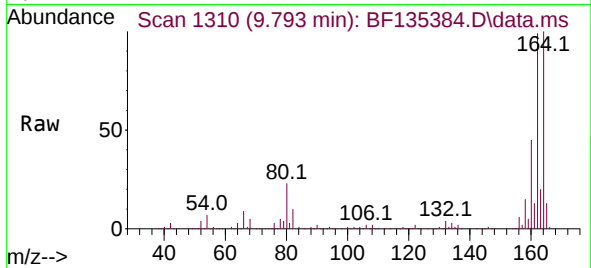




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.793 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

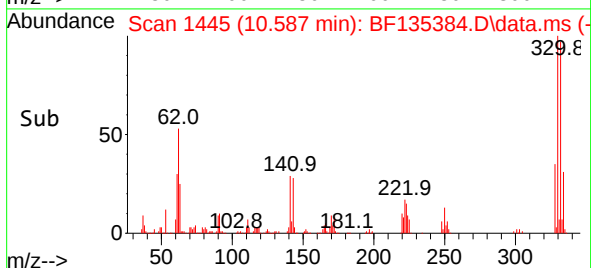
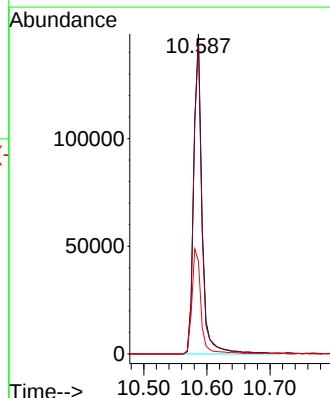
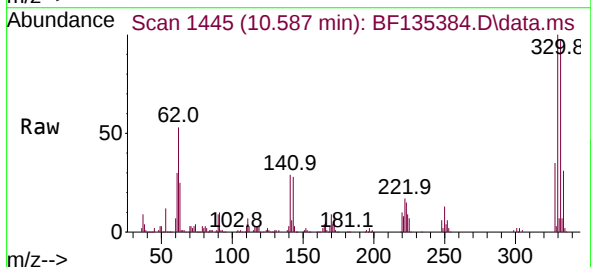
Instrument :
BNA_F
ClientSampleId :
WC-1

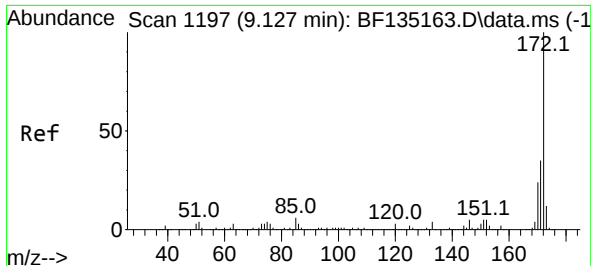
Tgt Ion:164 Resp: 224422
Ion Ratio Lower Upper
164 100
162 98.7 81.0 121.4
160 44.8 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 61.224 ng
RT: 10.587 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

Tgt Ion:330 Resp: 136542
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 35.5 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 59.216 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.011 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-1

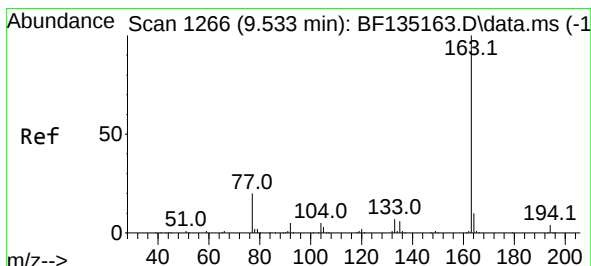
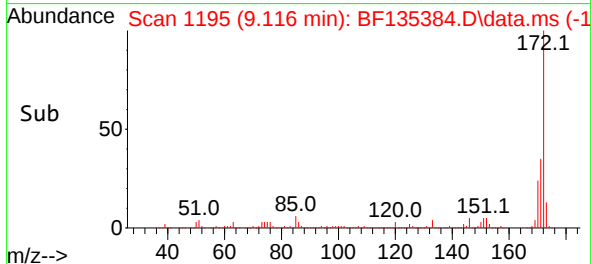
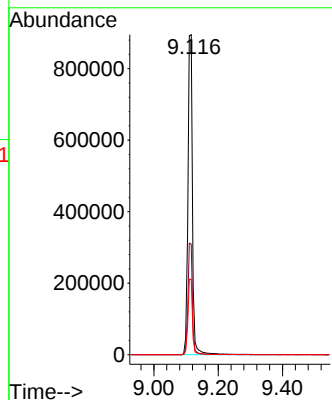
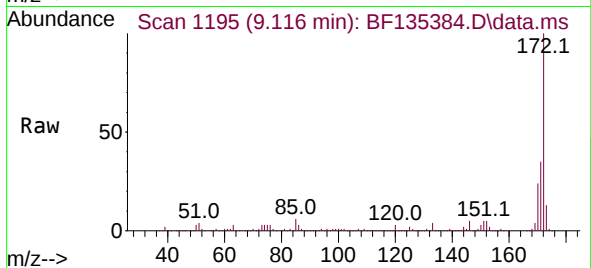
Tgt Ion:172 Resp: 880841

Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.5 19.0 28.4



#50

Dimethylphthalate

Concen: 2.787 ng

RT: 9.793 min Scan# 1310

Delta R.T. 0.260 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

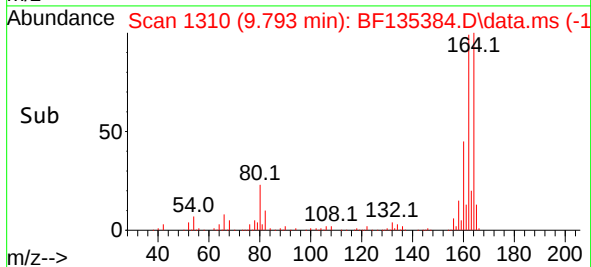
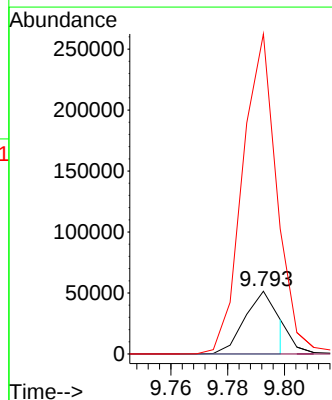
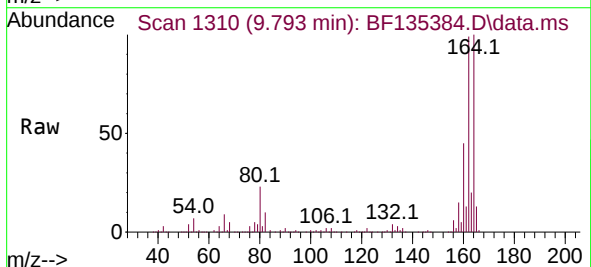
Tgt Ion:163 Resp: 42289

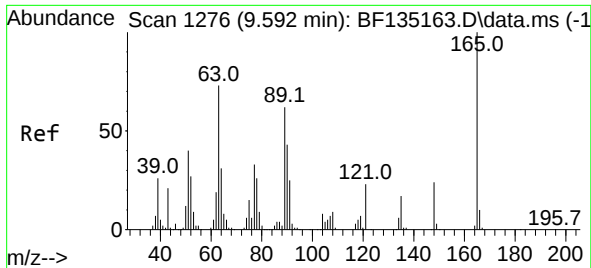
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 509.8 8.1 12.1#

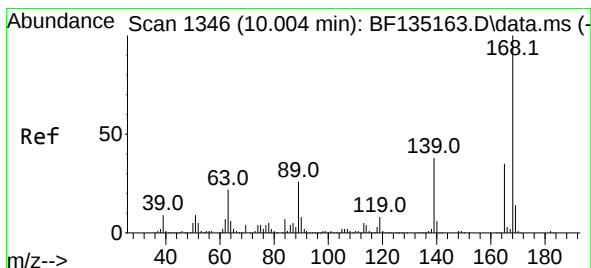
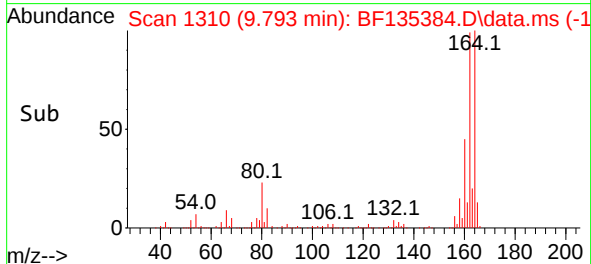
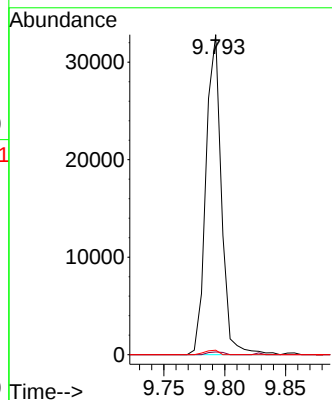
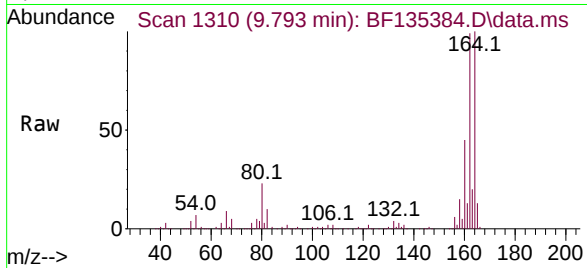




#51
2,6-Dinitrotoluene
Concen: 8.735 ng
RT: 9.793 min Scan# 11
Delta R.T. 0.201 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

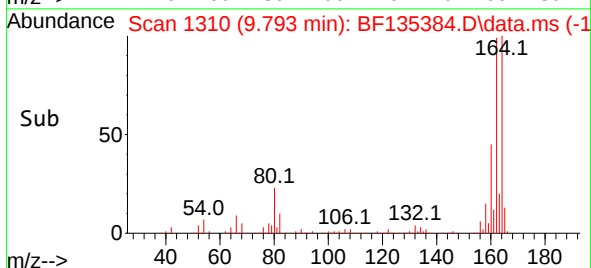
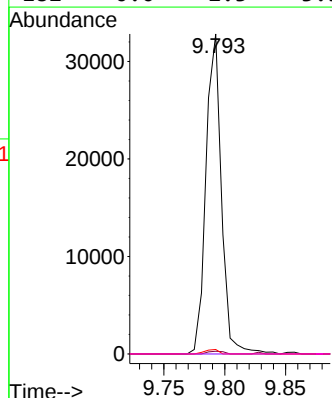
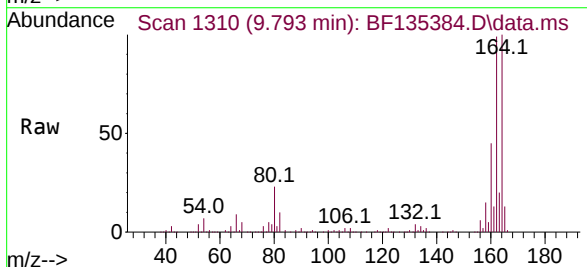
Instrument :
BNA_F
ClientSampleId :
WC-1

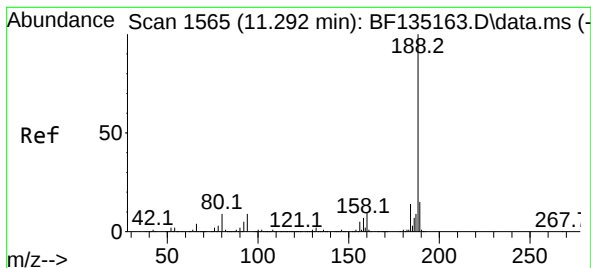
Tgt Ion:165 Resp: 29036
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.978 ng
RT: 9.793 min Scan# 1310
Delta R.T. -0.211 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

Tgt Ion:165 Resp: 29036
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.281 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-1

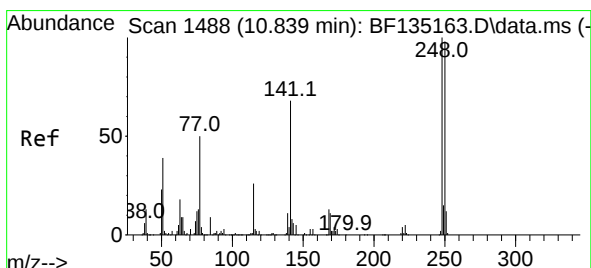
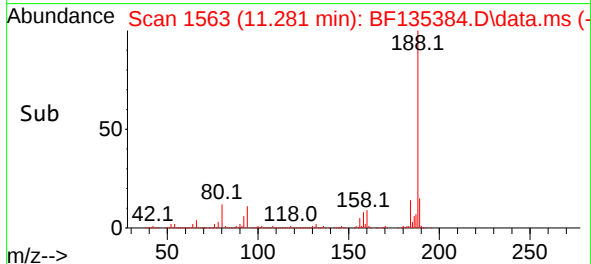
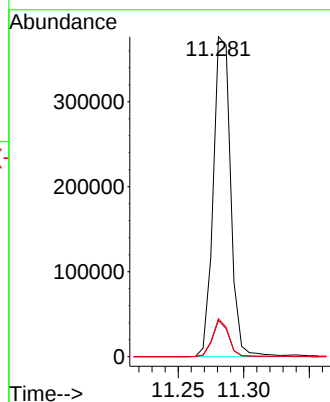
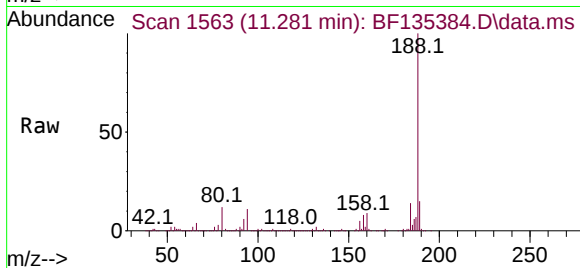
Tgt Ion:188 Resp: 347593

Ion Ratio Lower Upper

188 100

94 11.3 7.0 10.6#

80 11.9 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 2.627 ng

RT: 10.587 min Scan# 1445

Delta R.T. -0.252 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

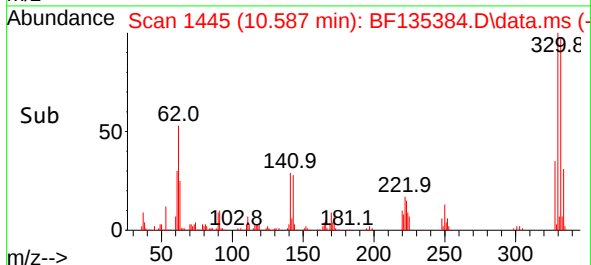
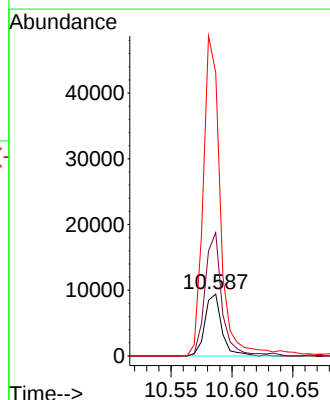
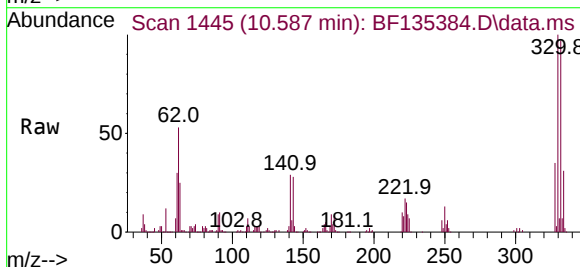
Tgt Ion:248 Resp: 9080

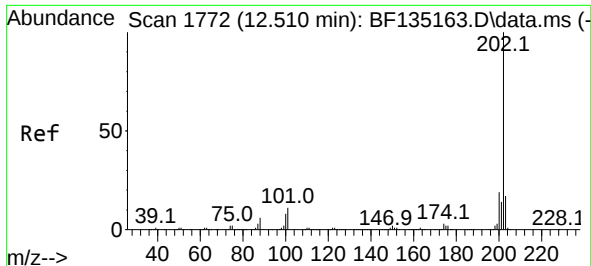
Ion Ratio Lower Upper

248 100

250 199.0 78.6 117.8#

141 457.3 54.2 81.2#

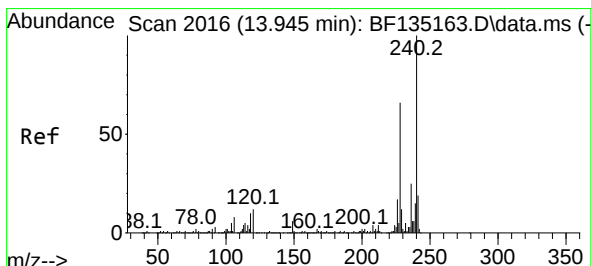
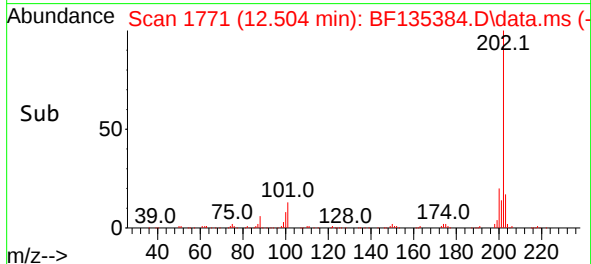
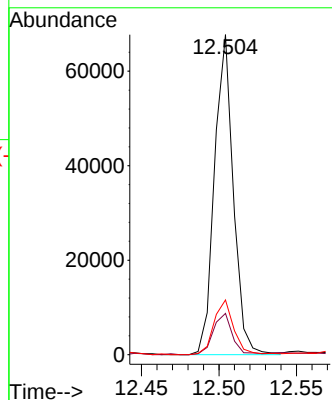
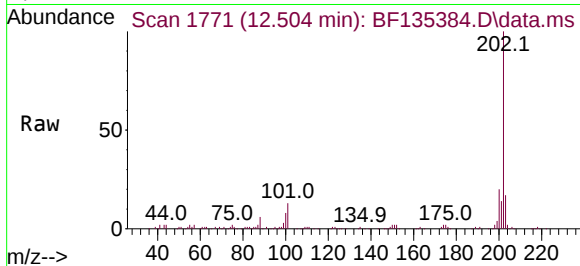




#75
Fluoranthene
Concen: 3.349 ng
RT: 12.504 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

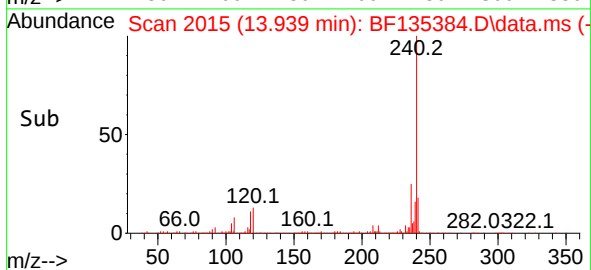
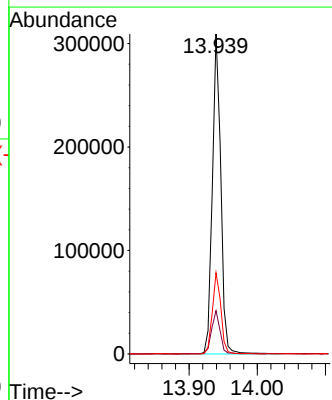
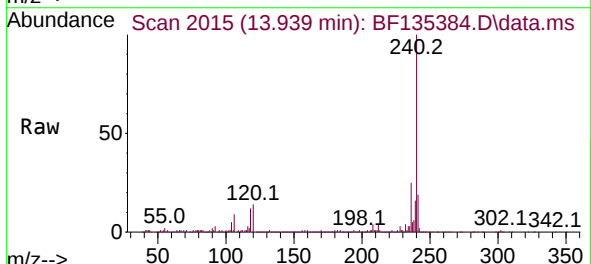
Instrument :
BNA_F
ClientSampleId :
WC-1

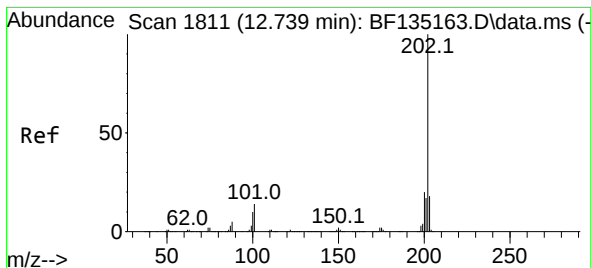
Tgt Ion:202 Resp: 57367
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.3
203 17.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

Tgt Ion:240 Resp: 266863
Ion Ratio Lower Upper
240 100
120 13.5 9.4 14.2
236 25.3 19.8 29.8





#78

Pyrene

Concen: 2.301 ng

RT: 12.734 min Scan# 1811

Delta R.T. -0.005 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-1

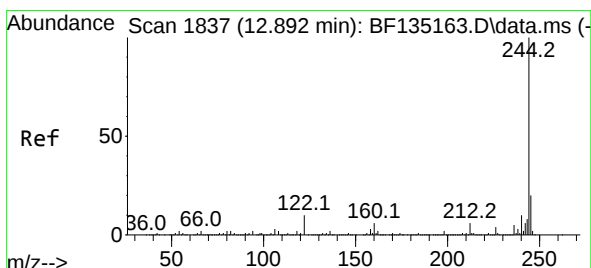
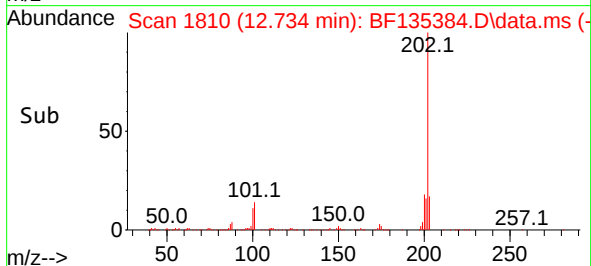
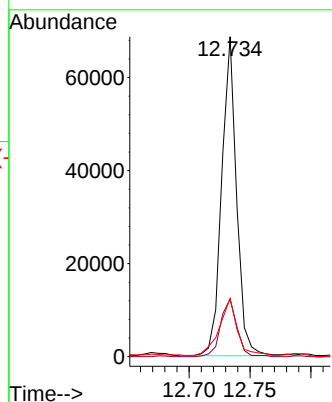
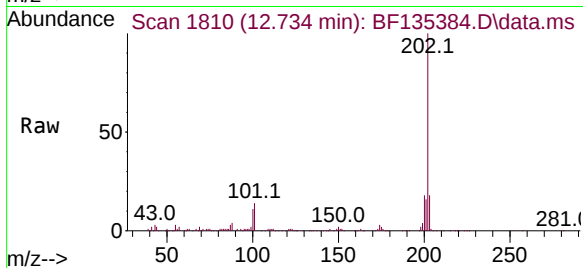
Tgt Ion:202 Resp: 58475

Ion Ratio Lower Upper

202 100

200 18.0 16.2 24.2

203 18.2 14.2 21.4



#79

Terphenyl-d14

Concen: 38.509 ng

RT: 12.881 min Scan# 1835

Delta R.T. -0.011 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

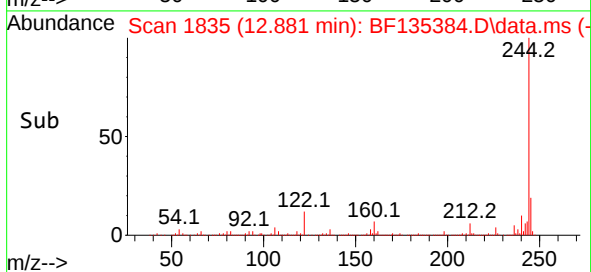
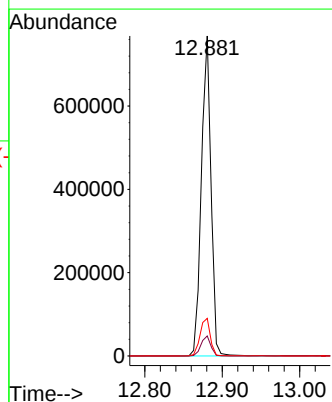
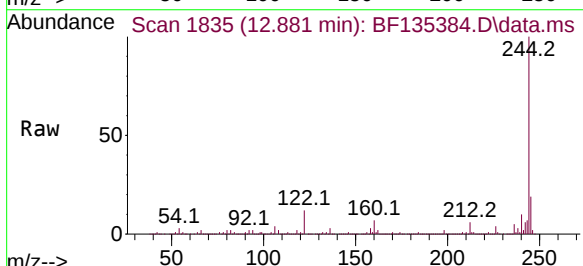
Tgt Ion:244 Resp: 662919

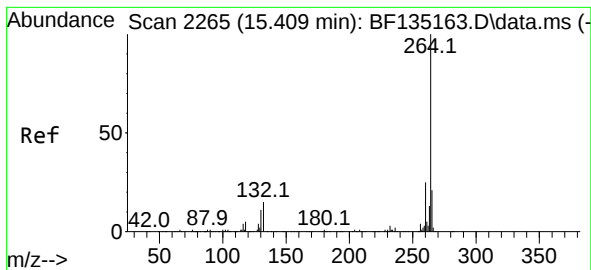
Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 11.8 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2101

Delta R.T. -0.005 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

Instrument :

BNA_F

ClientSampleId :

WC-1

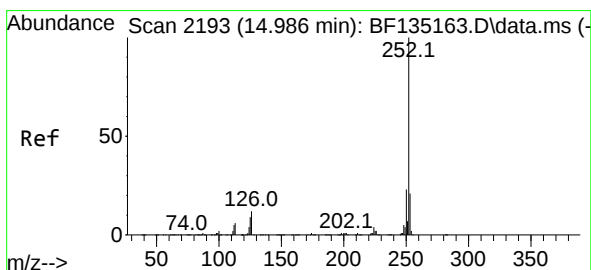
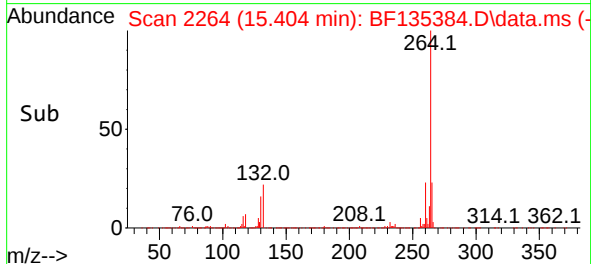
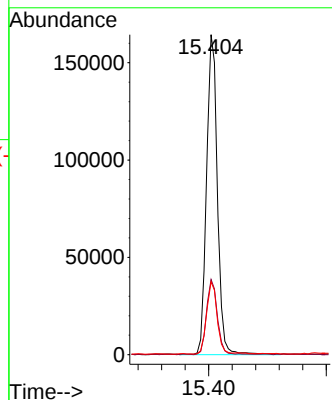
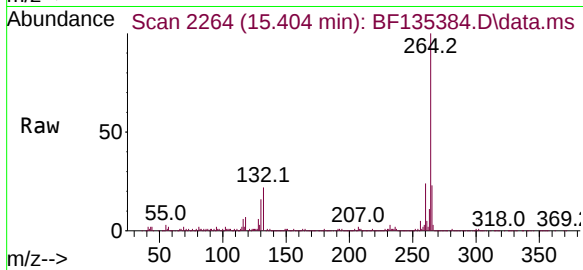
Tgt Ion:264 Resp: 210134

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 22.8 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 3.151 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.005 min

Lab File: BF135384.D

Acq: 21 Sep 2023 17:09

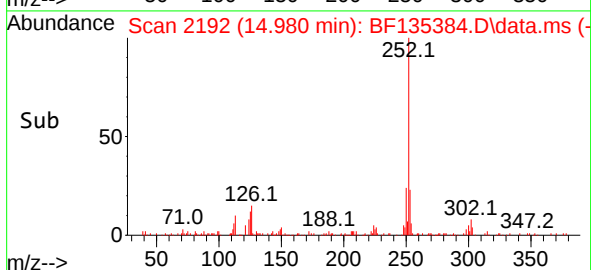
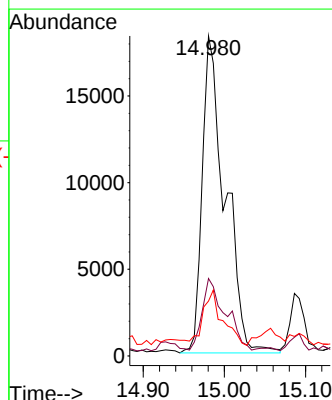
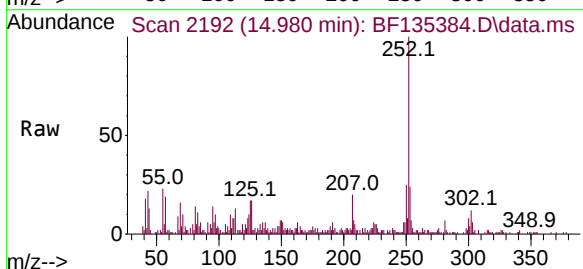
Tgt Ion:252 Resp: 35847

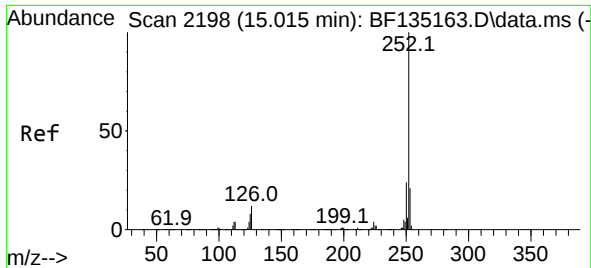
Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

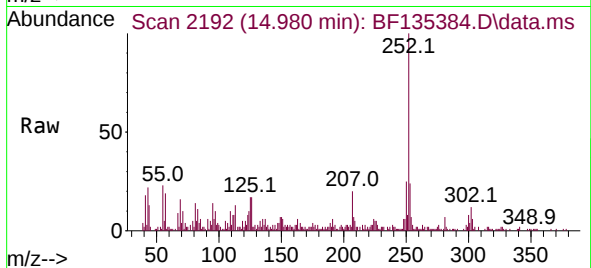
125 17.2 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 3.190 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.035 min
Lab File: BF135384.D
Acq: 21 Sep 2023 17:09

Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:252 Resp: 35847
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 17.2 7.2 10.8#

