

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135432.D
 Acq On : 25 Sep 2023 17:52
 Operator : CG\JU
 Sample : 04540-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 18:14:23 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)

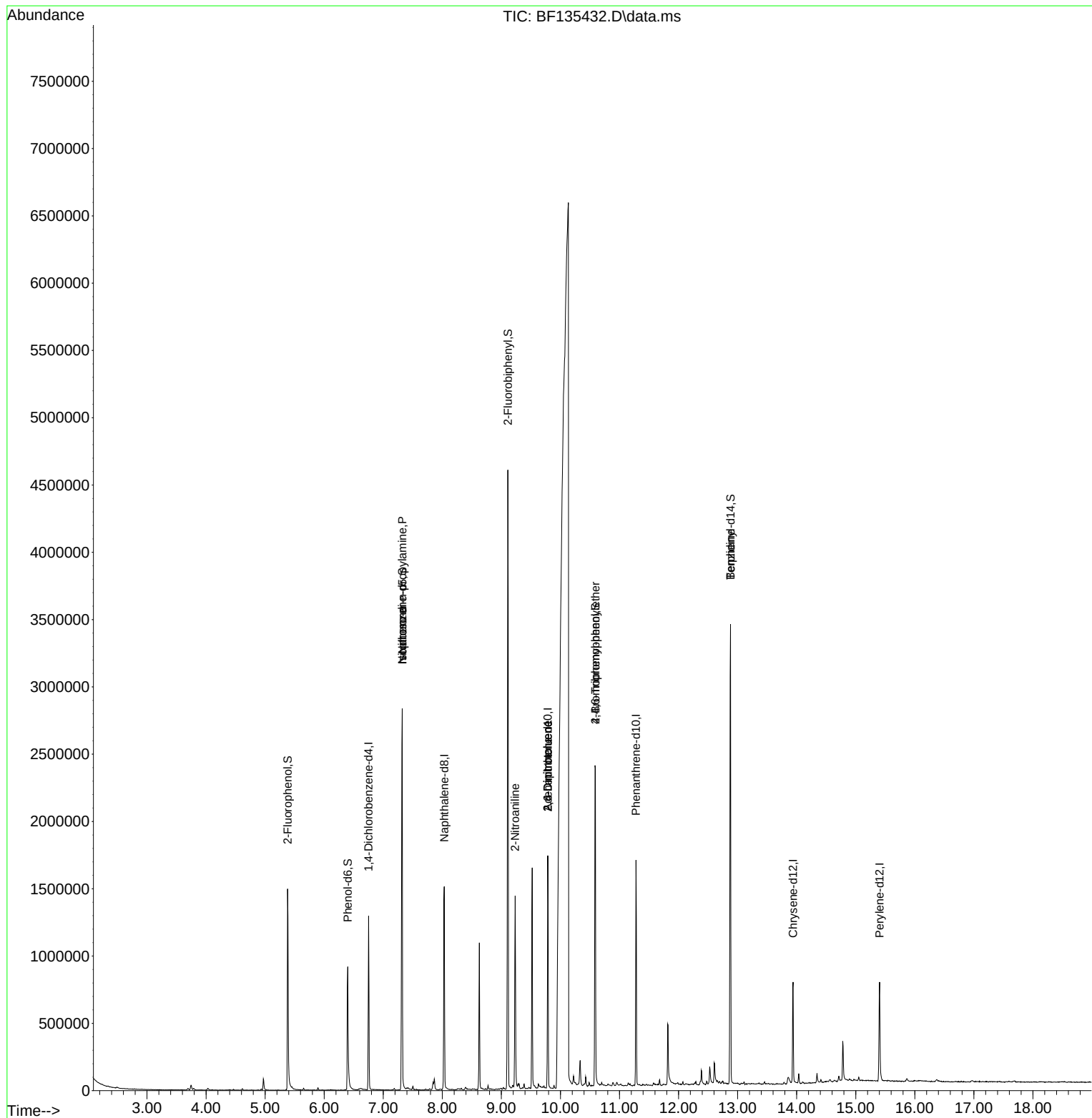
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	180872	20.000	ng	-0.01
21) Naphthalene-d8	8.033	136	692769	20.000	ng	-0.01
39) Acenaphthene-d10	9.786	164	332474	20.000	ng	-0.02
64) Phenanthrene-d10	11.280	188	583238	20.000	ng	#-0.01
76) Chrysene-d12	13.939	240	267063	20.000	ng	0.00
86) Perylene-d12	15.403	264	328549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	456792	41.076	ng	0.00
7) Phenol-d6	6.398	99	351806	24.879	ng	0.00
23) Nitrobenzene-d5	7.322	82	957712	75.107	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	307218	92.984	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1564262	70.984	ng	-0.02
79) Terphenyl-d14	12.880	244	1263728	73.354	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	127418	14.548	ng	# 80
25) Isophorone	7.322	82	955814	40.821	ng	# 65
48) 2-Nitroaniline	9.233	65	15558	2.160	ng	# 16
51) 2,6-Dinitrotoluene	9.786	165	43861	8.907	ng	# 18
57) 2,4-Dinitrotoluene	9.786	165	43861	7.115	ng	# 20
67) 4-Bromophenyl-phenylether	10.592	248	20279	3.496	ng	# 1
77) Benzidine	12.880	184	15999	2.924	ng	# 93

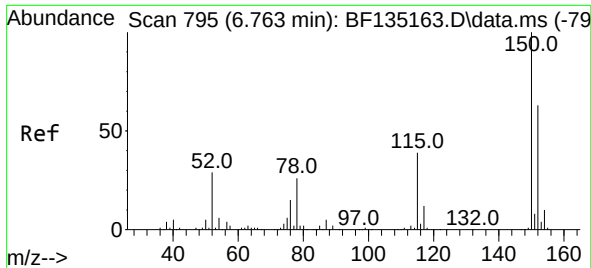
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135432.D
Acq On : 25 Sep 2023 17:52
Operator : CG\JU
Sample : 04540-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 25 18:14:23 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

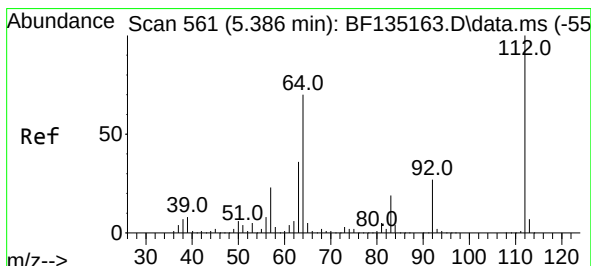
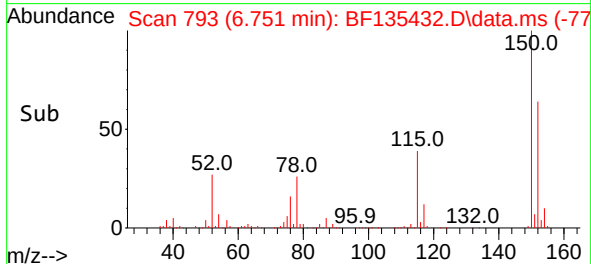
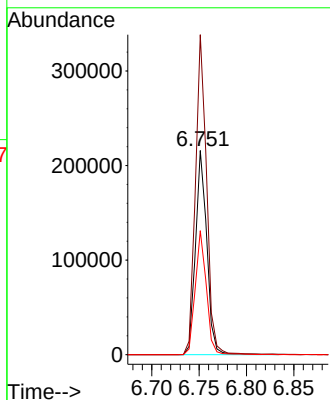
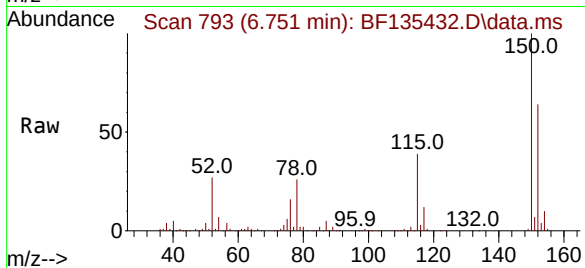




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. -0.012 min
 Lab File: BF135432.D
 Acq: 25 Sep 2023 17:52

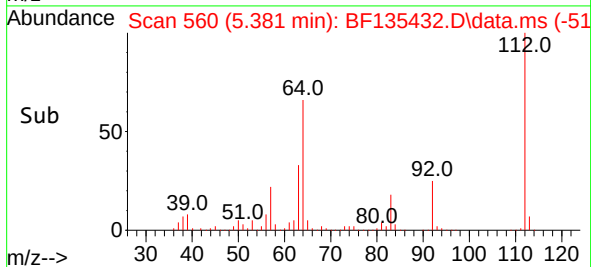
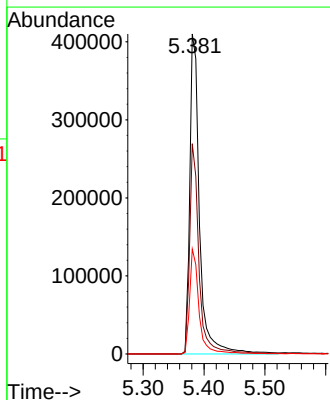
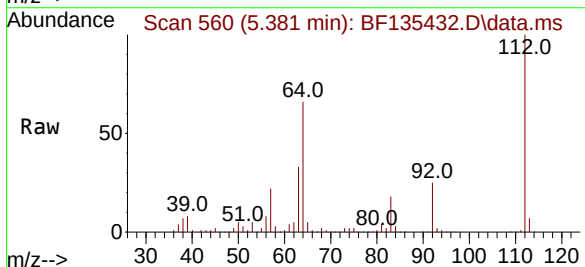
Instrument :
 BNA_F
 ClientSampleId :

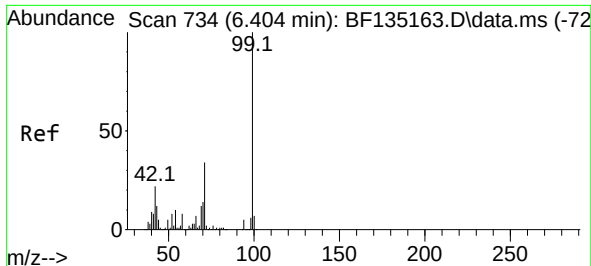
Tgt Ion:152 Resp: 180872
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.8 191.6
 115 60.8 49.8 74.8



#5
 2-Fluorophenol
 Concen: 41.076 ng
 RT: 5.381 min Scan# 560
 Delta R.T. -0.006 min
 Lab File: BF135432.D
 Acq: 25 Sep 2023 17:52

Tgt Ion:112 Resp: 456792
 Ion Ratio Lower Upper
 112 100
 64 65.7 55.9 83.9
 63 32.8 29.0 43.6

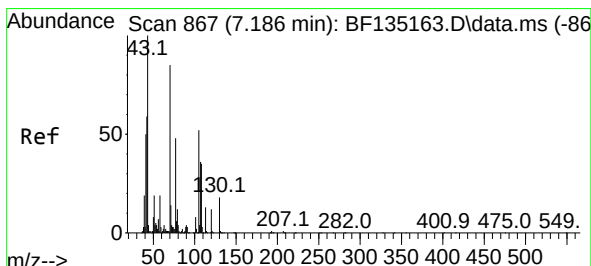
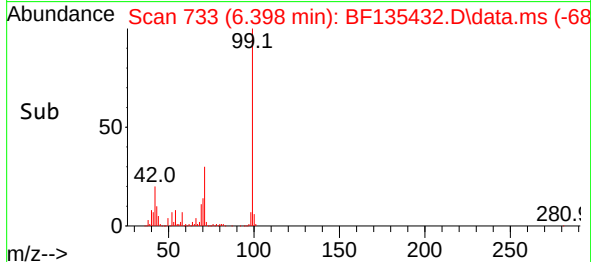
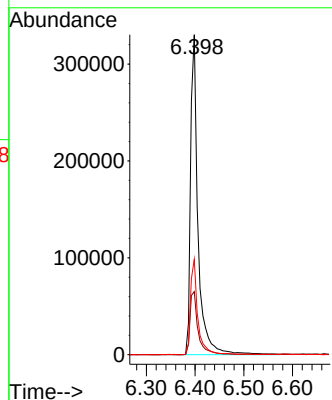
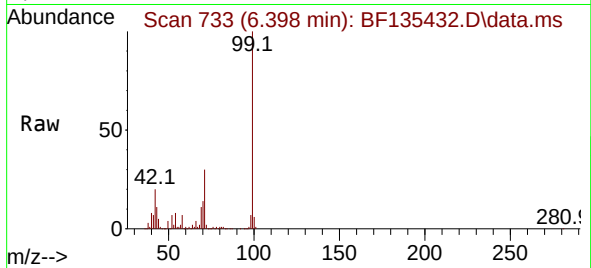




#7
Phenol-d6
Concen: 24.879 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

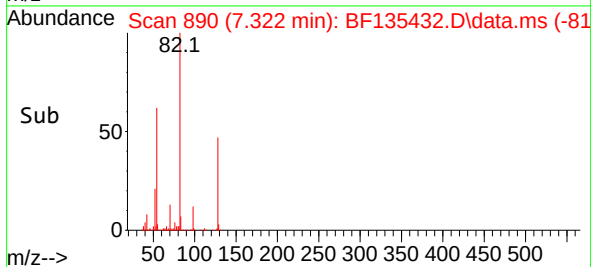
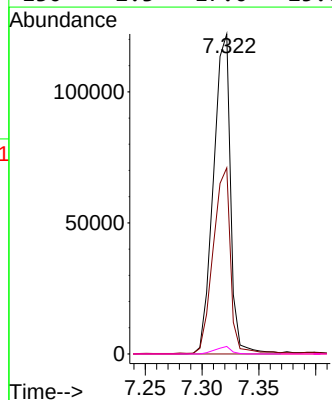
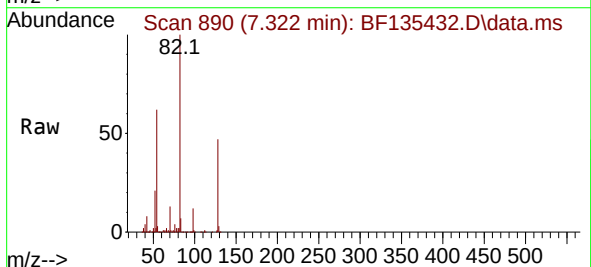
Instrument :
BNA_F
ClientSampleId :

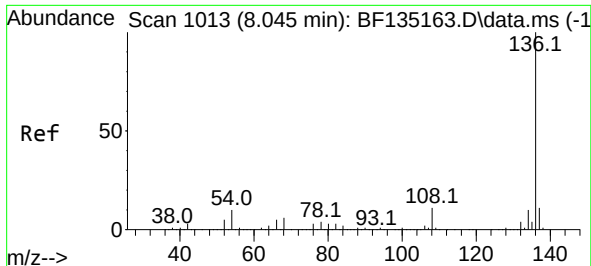
Tgt Ion: 99 Resp: 351806
Ion Ratio Lower Upper
99 100
42 19.7 17.9 26.9
71 29.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.548 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

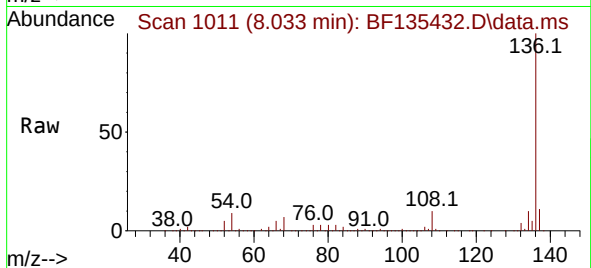
Tgt Ion: 70 Resp: 127418
Ion Ratio Lower Upper
70 100
42 58.2 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#



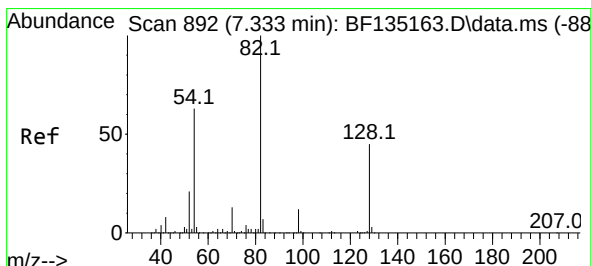
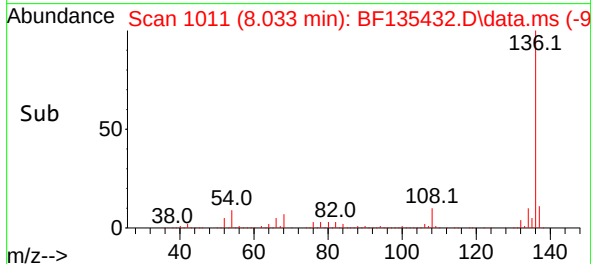
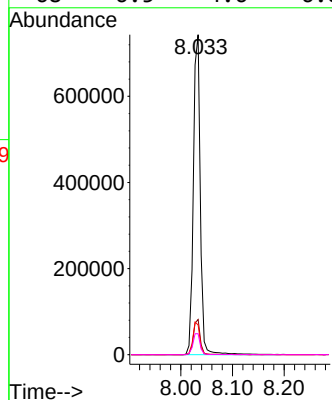


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

Instrument :
BNA_F
ClientSampleId :

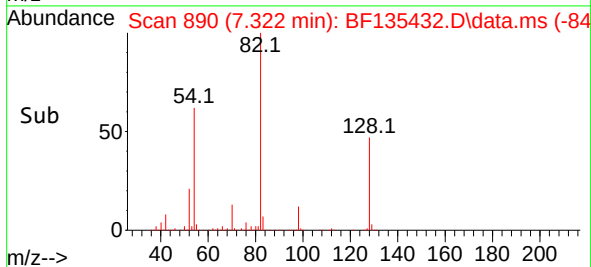
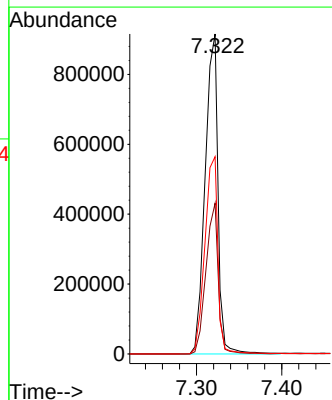
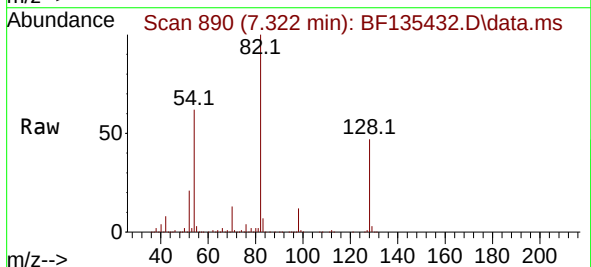


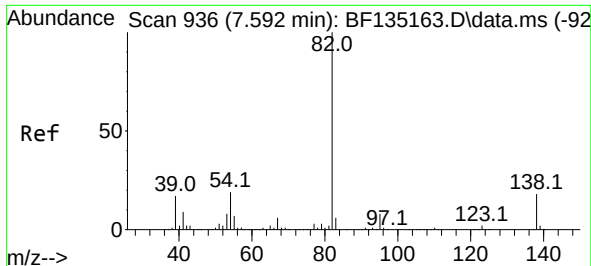
Tgt Ion:136 Resp: 692769
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.3 7.7 11.5
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 75.107 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

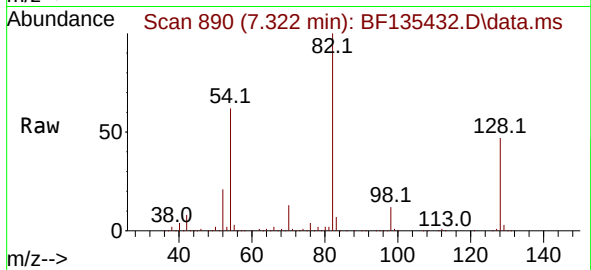
Tgt Ion: 82 Resp: 957712
Ion Ratio Lower Upper
82 100
128 47.1 35.8 53.6
54 61.7 50.6 76.0



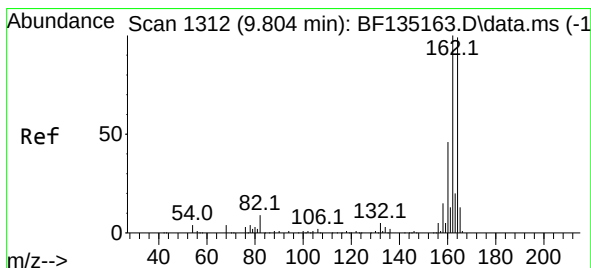
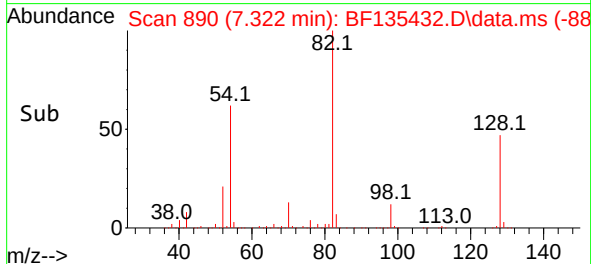
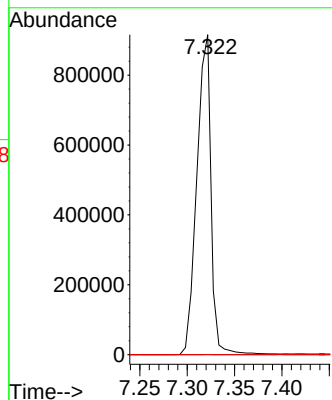


#25
Isophorone
Concen: 40.821 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

Instrument :
BNA_F
ClientSampleId :

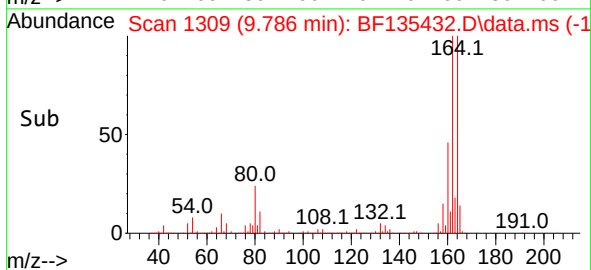
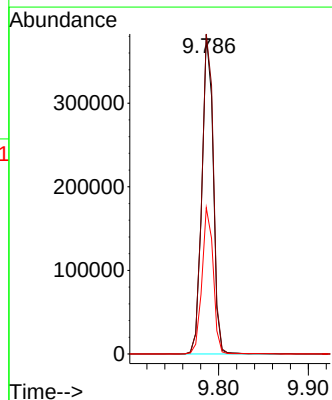
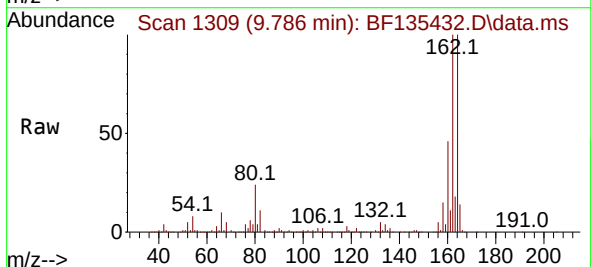


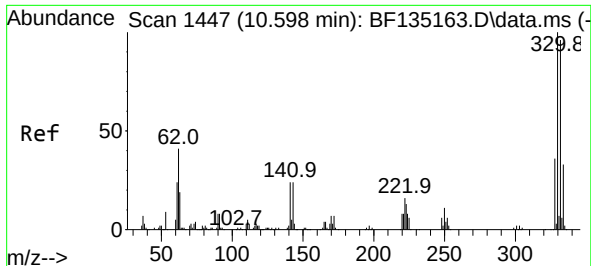
Tgt Ion: 82 Resp: 955814
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.018 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

Tgt Ion: 164 Resp: 332474
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 45.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 92.984 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

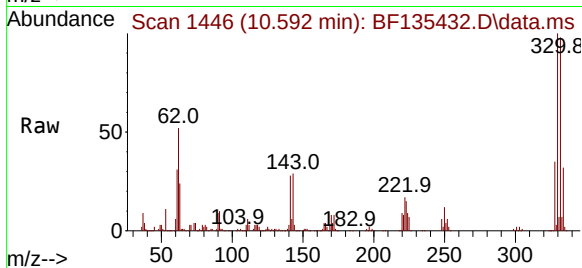
Lab File: BF135432.D

Acq: 25 Sep 2023 17:52

Instrument :

BNA_F

ClientSampleId :



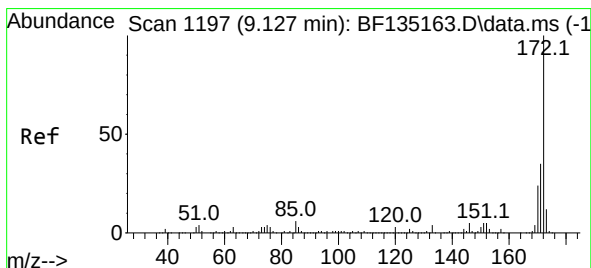
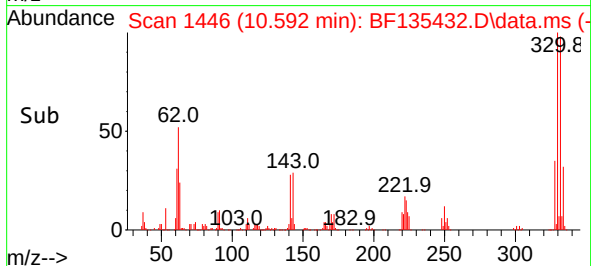
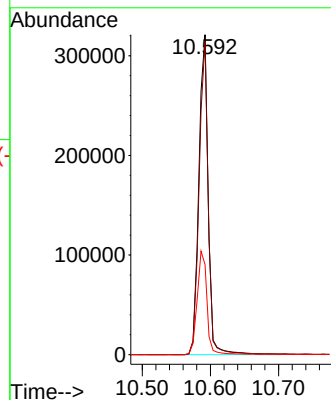
Tgt Ion:330 Resp: 307218

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 33.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 70.984 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.018 min

Lab File: BF135432.D

Acq: 25 Sep 2023 17:52

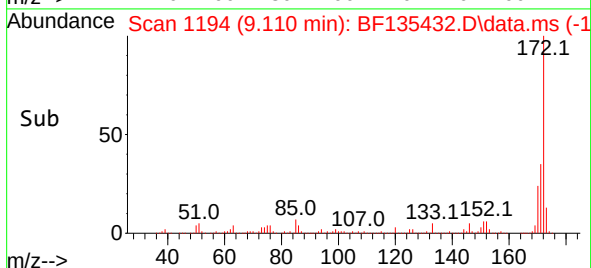
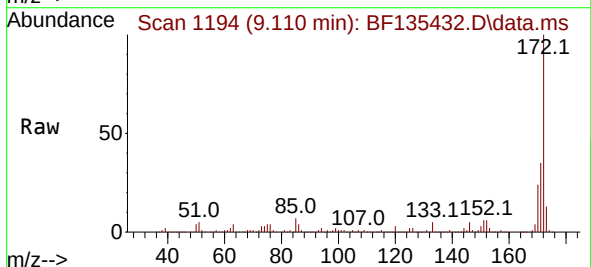
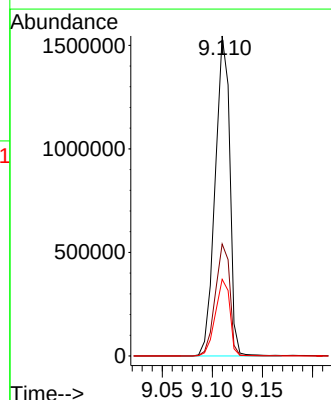
Tgt Ion:172 Resp: 1564262

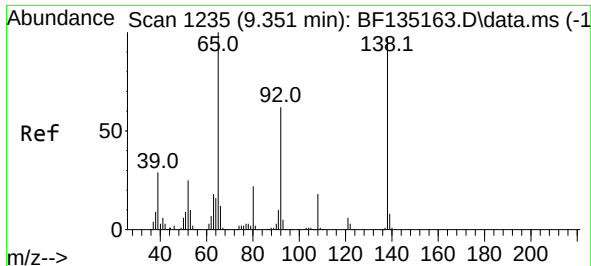
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.9 19.0 28.4





#48

2-Nitroaniline

Concen: 2.160 ng

RT: 9.233 min Scan# 11

Delta R.T. -0.118 min

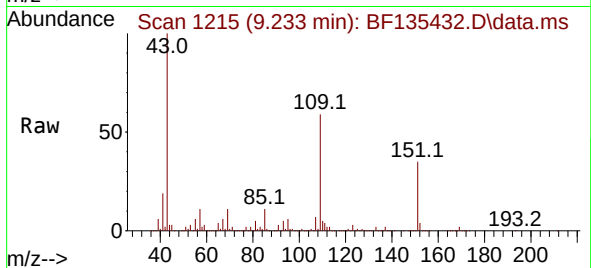
Lab File: BF135432.D

Acq: 25 Sep 2023 17:52

Instrument :

BNA_F

ClientSampleId :



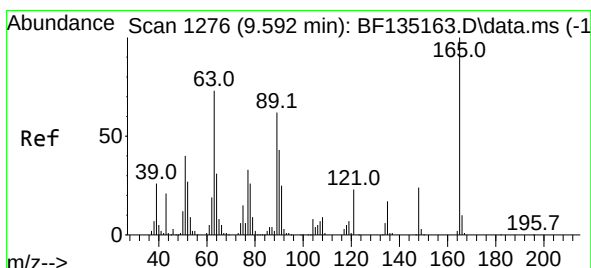
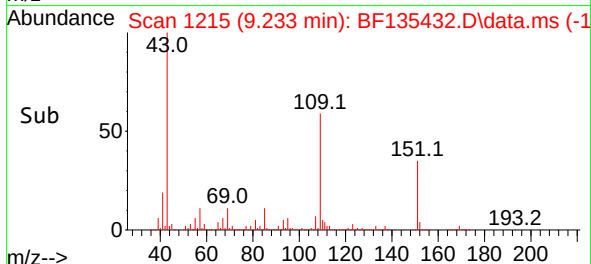
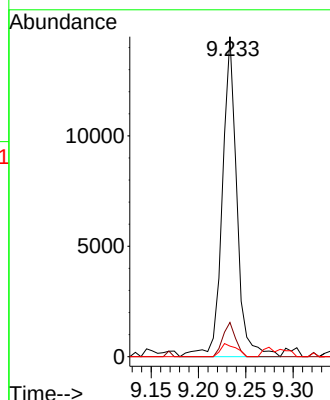
Tgt Ion: 65 Resp: 15558

Ion Ratio Lower Upper

65 100

92 10.7 49.4 74.0#

138 3.3 77.4 116.0#



#51

2,6-Dinitrotoluene

Concen: 8.907 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.194 min

Lab File: BF135432.D

Acq: 25 Sep 2023 17:52

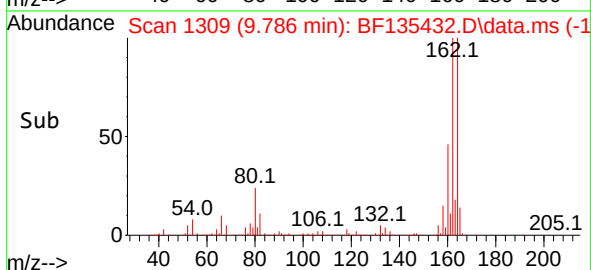
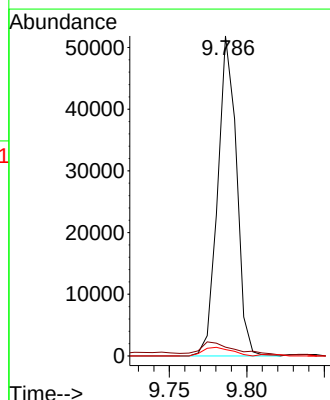
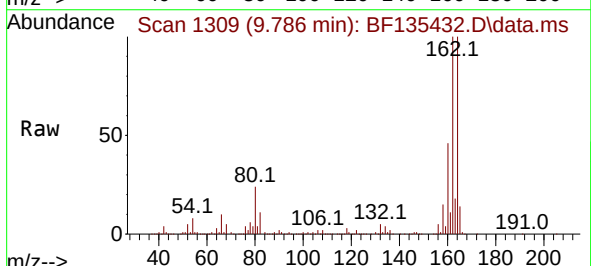
Tgt Ion: 165 Resp: 43861

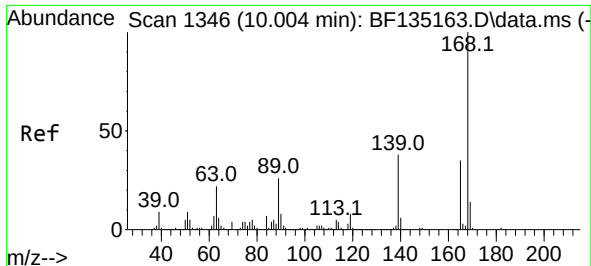
Ion Ratio Lower Upper

165 100

63 2.7 59.4 89.2#

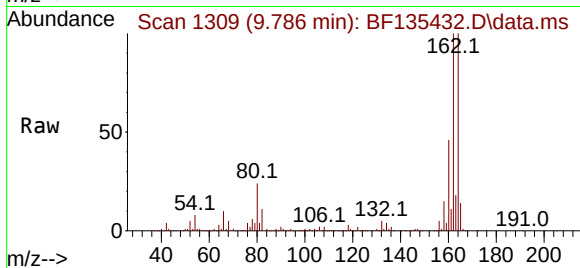
89 2.0 49.8 74.8#



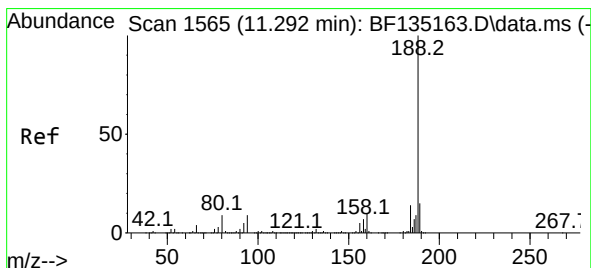
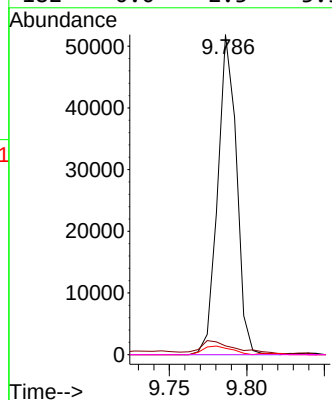
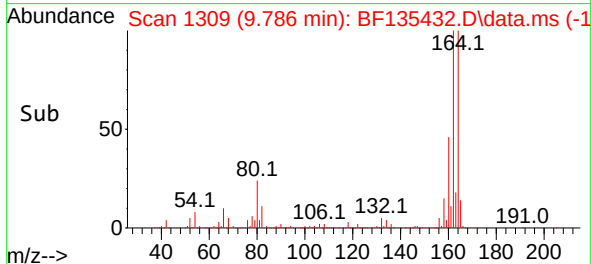


#57
2,4-Dinitrotoluene
Concen: 7.115 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

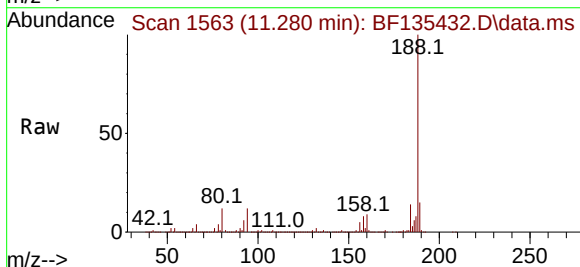
Instrument :
BNA_F
ClientSampleId :



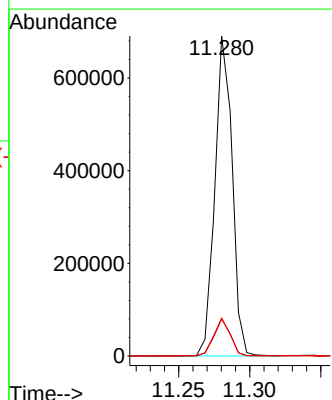
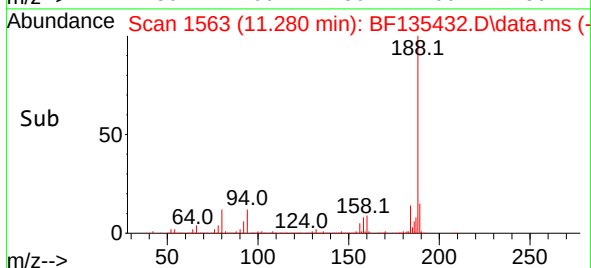
Tgt Ion:165 Resp: 43861
Ion Ratio Lower Upper
165 100
63 2.7 50.1 75.1#
89 2.0 59.3 88.9#
182 0.0 2.3 3.5#

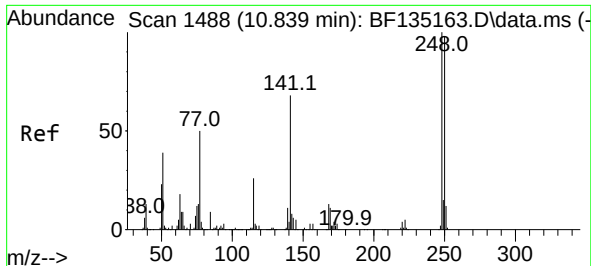


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52



Tgt Ion:188 Resp: 583238
Ion Ratio Lower Upper
188 100
94 11.6 7.0 10.6#
80 11.9 7.5 11.3#

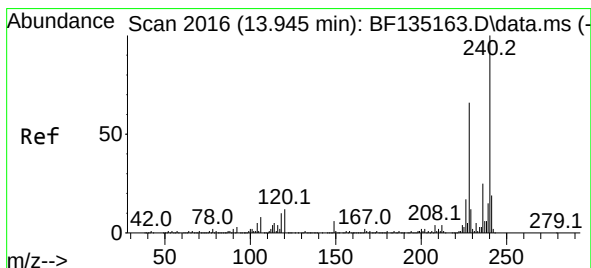
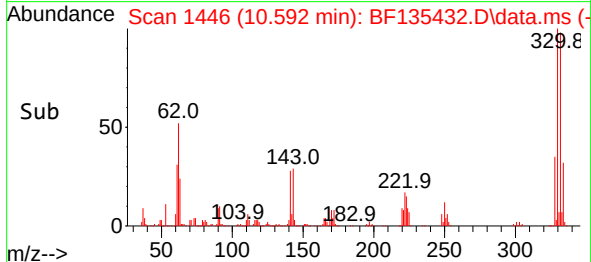
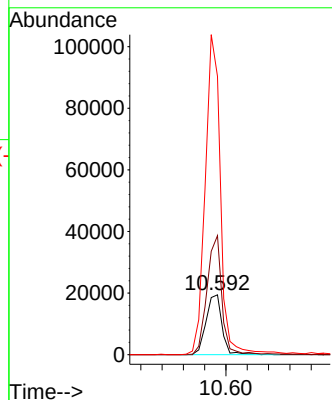
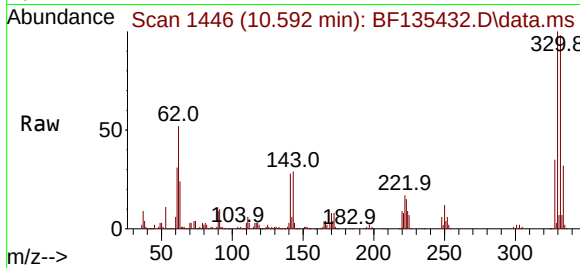




#67
4-Bromophenyl-phenylether
Concen: 3.496 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

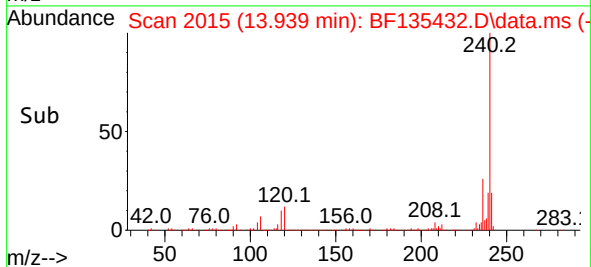
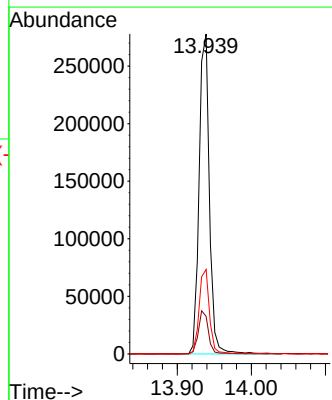
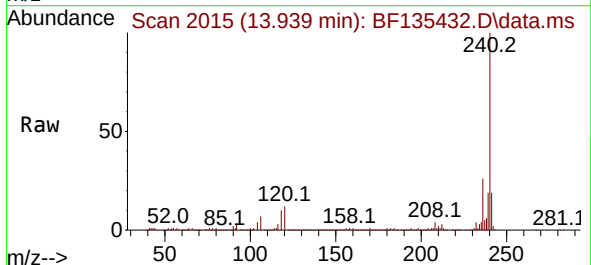
Instrument :
BNA_F
ClientSampleId :

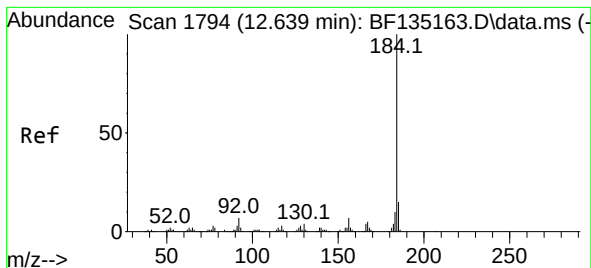
Tgt Ion:248 Resp: 20279
Ion Ratio Lower Upper
248 100
250 198.9 78.6 117.8#
141 465.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135432.D
Acq: 25 Sep 2023 17:52

Tgt Ion:240 Resp: 267063
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.4 19.8 29.8





#77

Benzidine

Concen: 2.924 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.241 min

Lab File: BF135432.D

Acq: 25 Sep 2023 17:52

Instrument :

BNA_F

ClientSampleId :

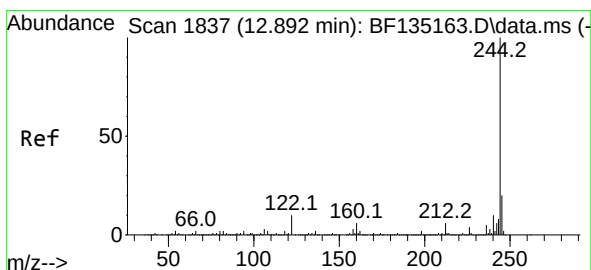
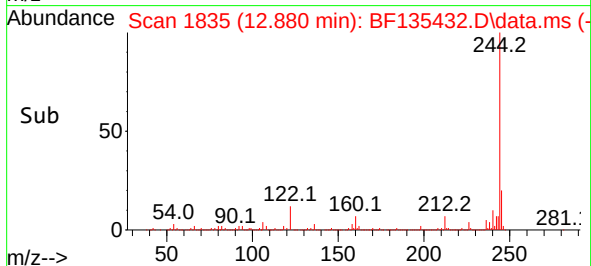
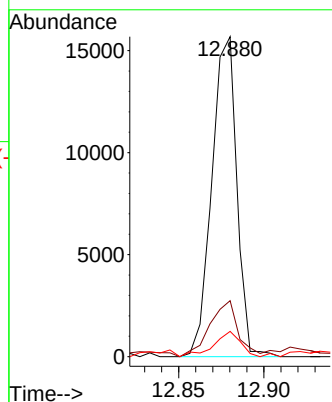
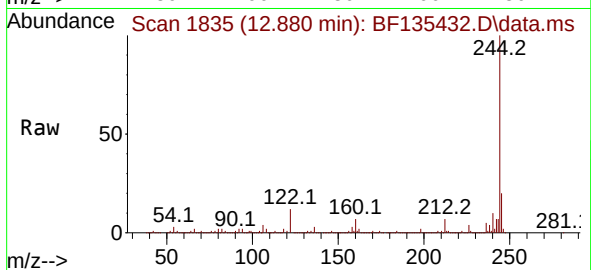
Tgt Ion:184 Resp: 15999

Ion Ratio Lower Upper

184 100

185 17.5 11.7 17.5

183 7.9 8.2 12.4#



#79

Terphenyl-d14

Concen: 73.354 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135432.D

Acq: 25 Sep 2023 17:52

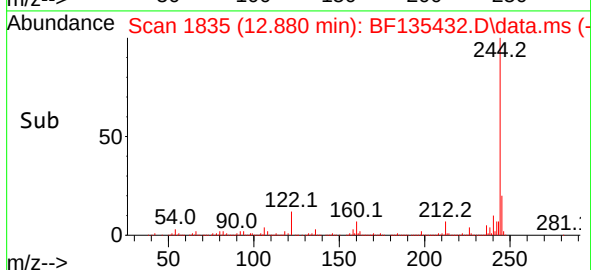
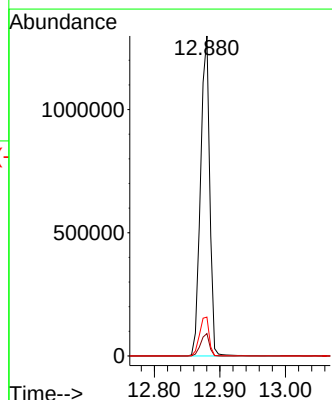
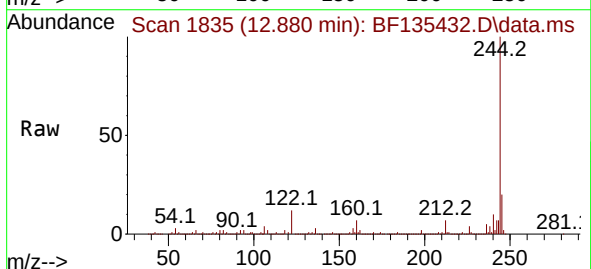
Tgt Ion:244 Resp: 1263728

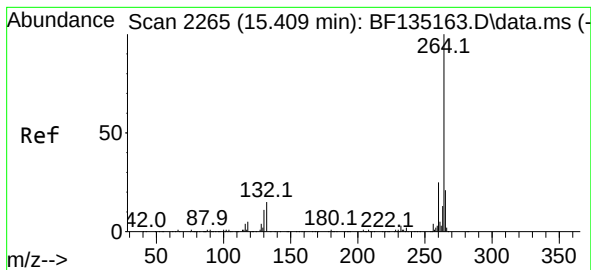
Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 12.1 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.403 min Scan# 21

Delta R.T. -0.006 min

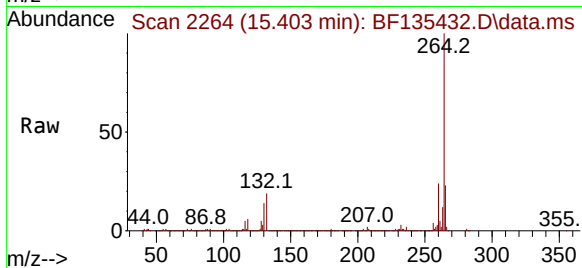
Lab File: BF135432.D

Acq: 25 Sep 2023 17:52

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 328549

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 22.5 17.0 25.4

