

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135127.D
 Acq On : 07 Sep 2023 10:48
 Operator : CG\JU
 Sample : PB155315BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155315BL

Quant Time: Sep 07 12:46:52 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)

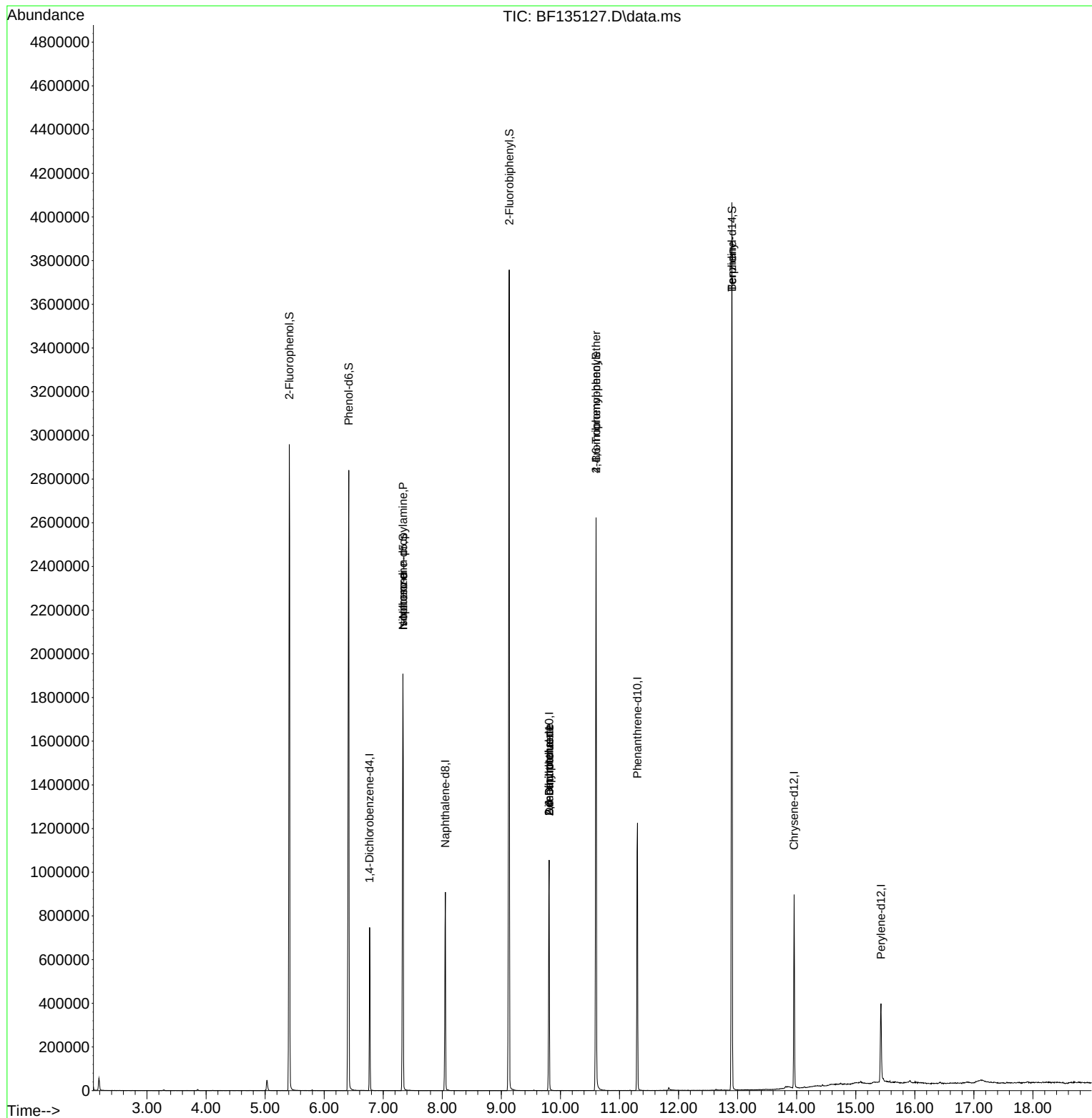
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	100687	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	408086	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	221757	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	453498	20.000	ng	0.00
76) Chrysene-d12	13.957	240	292919	20.000	ng	0.00
86) Perylene-d12	15.427	264	183307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	865880	132.833	ng	0.01
7) Phenol-d6	6.416	99	1055064	129.854	ng	0.00
23) Nitrobenzene-d5	7.334	82	692771	95.373	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	337773	143.588	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1254913	92.134	ng	0.00
79) Terphenyl-d14	12.904	244	1600086	89.143	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	93750	19.425	ng	# 78
25) Isophorone	7.334	82	692766	50.302	ng	# 65
50) Dimethylphthalate	9.810	163	45890	2.955	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	28022	8.224	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	28022	6.600	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	21095	4.386	ng	# 1
77) Benzidine	12.904	184	20960	3.969	ng	# 90

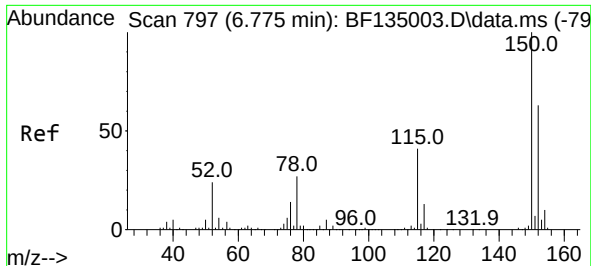
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 07 12:46:52 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

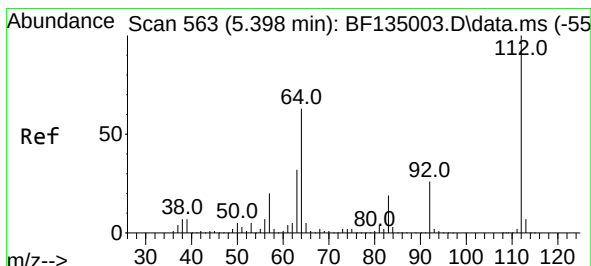
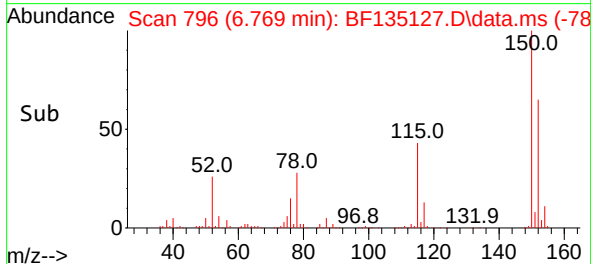
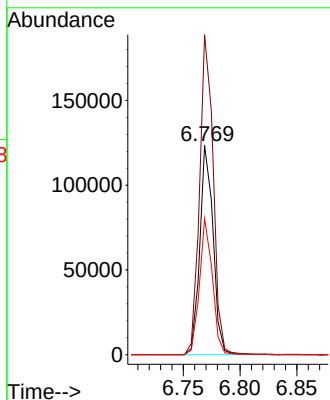
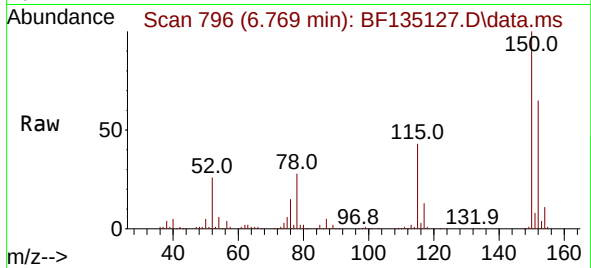




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

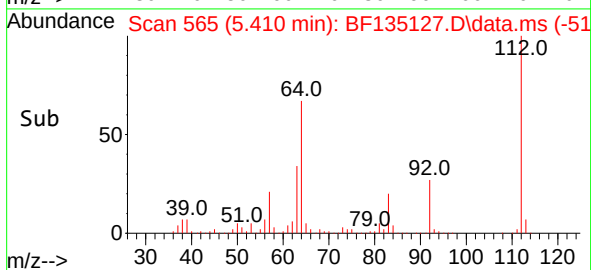
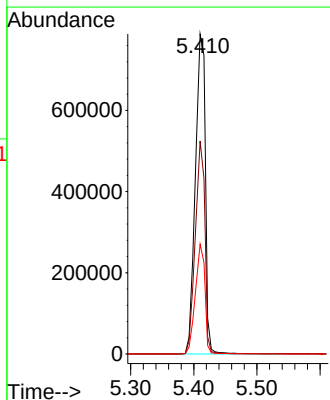
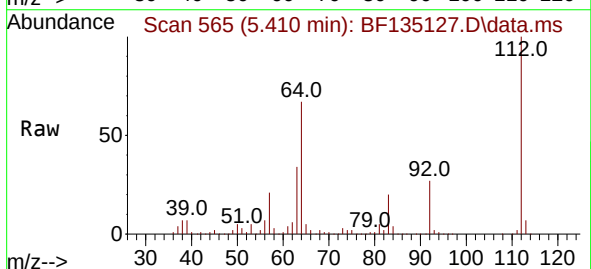
Instrument :
BNA_F
ClientSampleId :
PB155315BL

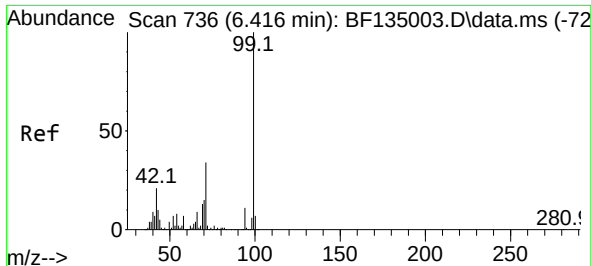
Tgt Ion:152 Resp: 100687
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.4
115 65.1 51.2 76.8



#5
2-Fluorophenol
Concen: 132.833 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

Tgt Ion:112 Resp: 865880
Ion Ratio Lower Upper
112 100
64 66.5 50.5 75.7
63 34.3 25.9 38.9





#7
Phenol-d6
Concen: 129.854 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

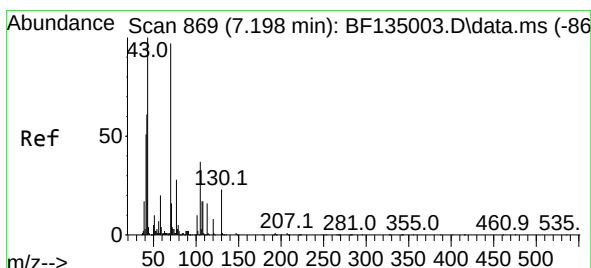
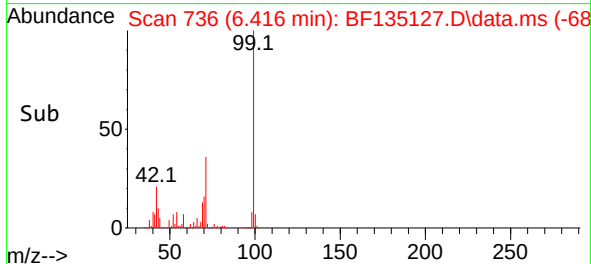
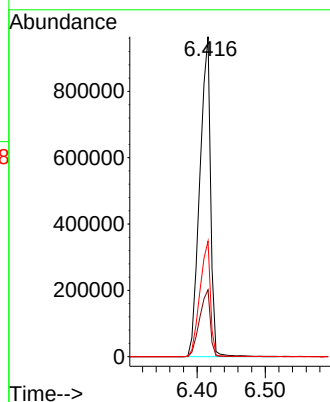
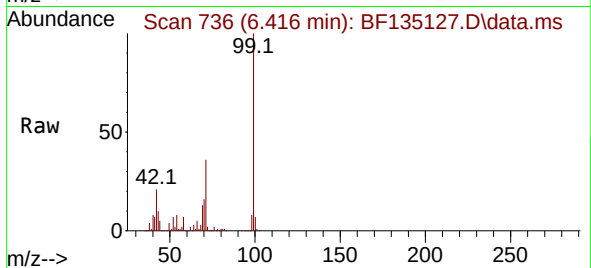
Instrument :

BNA_F

ClientSampleId :

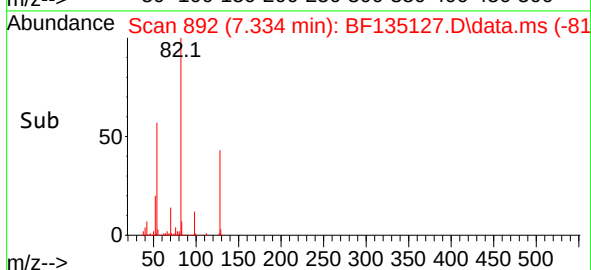
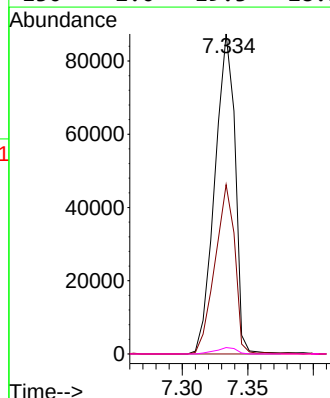
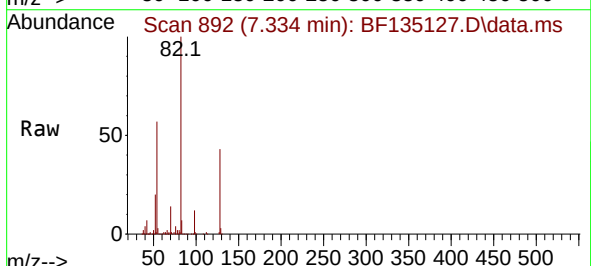
PB155315BL

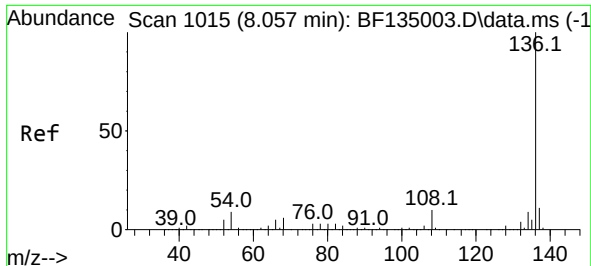
Tgt Ion: 99 Resp: 1055064
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 36.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.425 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

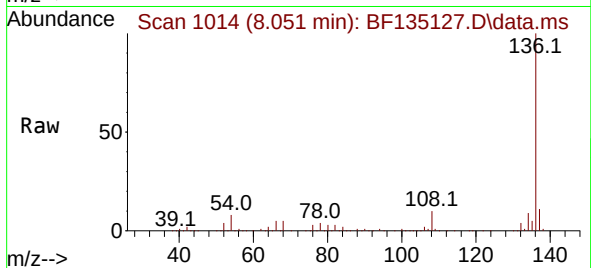
Tgt Ion: 70 Resp: 93750
Ion Ratio Lower Upper
70 100
42 52.9 50.2 75.4
101 0.0 8.1 12.1#
130 2.0 19.3 28.9#



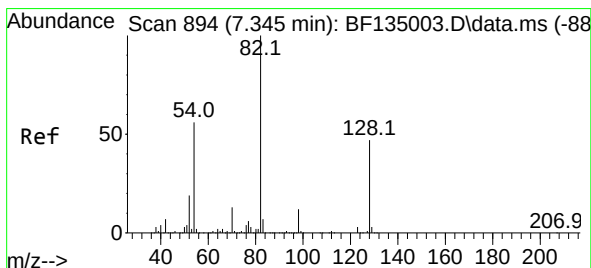
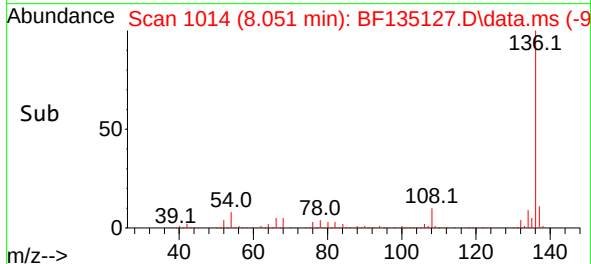
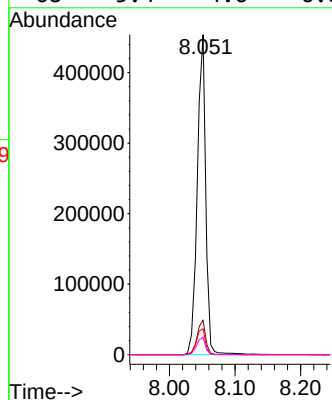


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

Instrument :
BNA_F
ClientSampleId :
PB155315BL

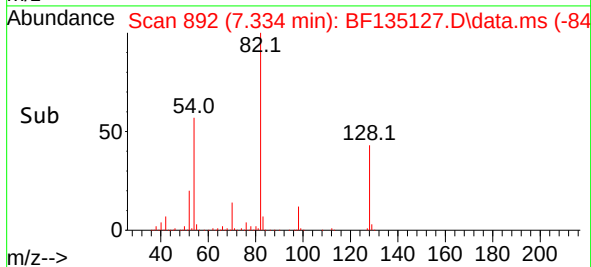
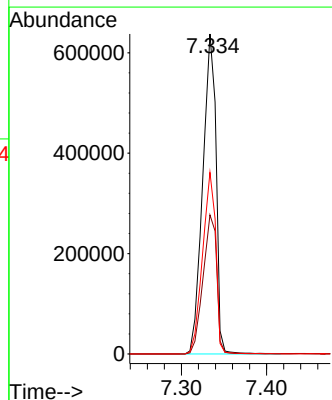
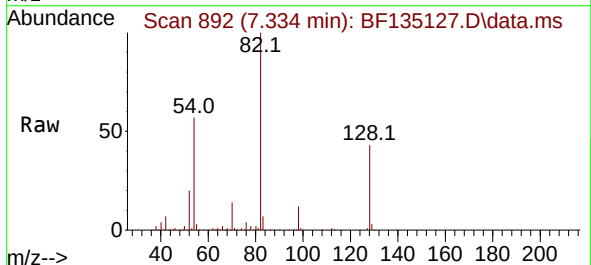


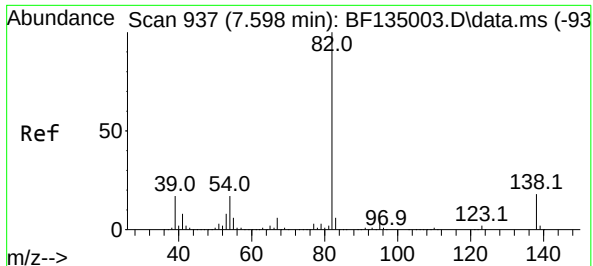
Tgt Ion:136 Resp: 408086
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.1 7.0 10.4
68 5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 95.373 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

Tgt Ion: 82 Resp: 692771
Ion Ratio Lower Upper
82 100
128 43.4 37.8 56.8
54 56.8 45.0 67.6

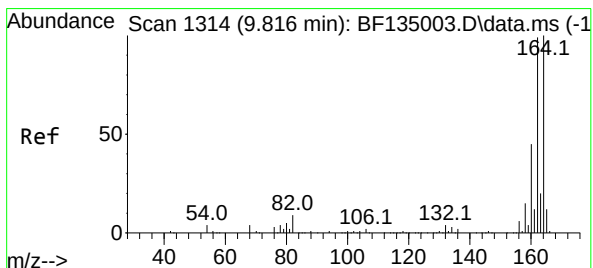
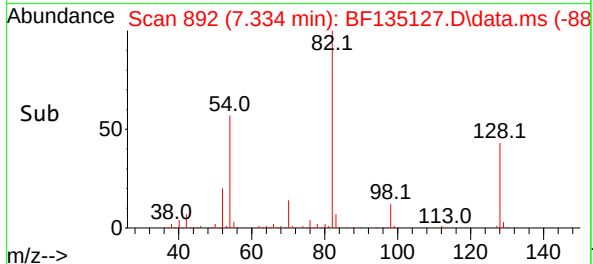
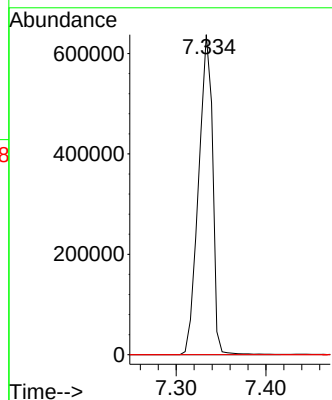
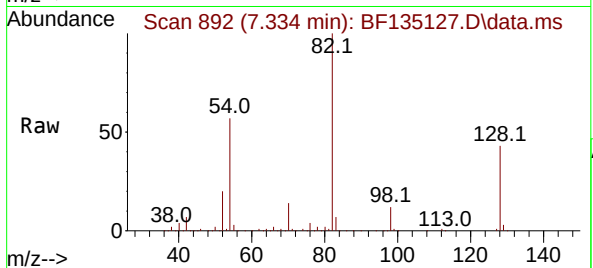




#25
Isophorone
Concen: 50.302 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

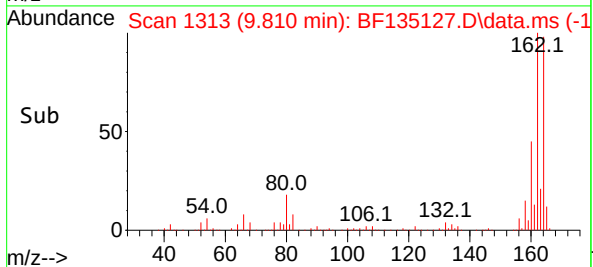
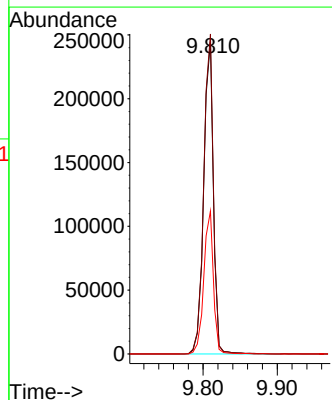
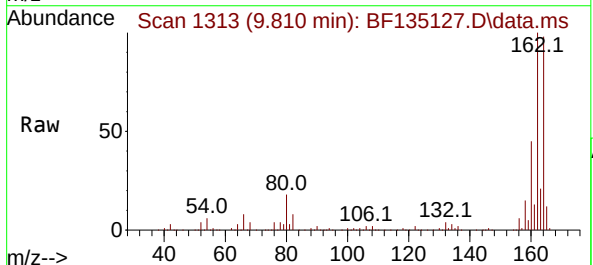
Instrument :
BNA_F
ClientSampleId :
PB155315BL

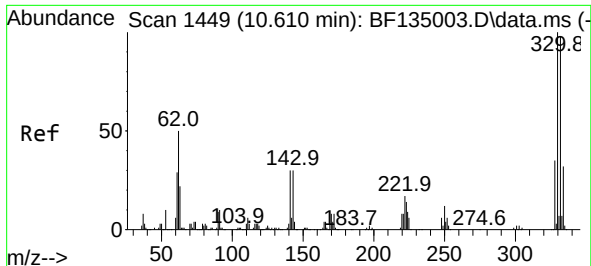
Tgt Ion: 82 Resp: 692766
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

Tgt Ion: 164 Resp: 221757
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 45.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 143.588 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135127.D

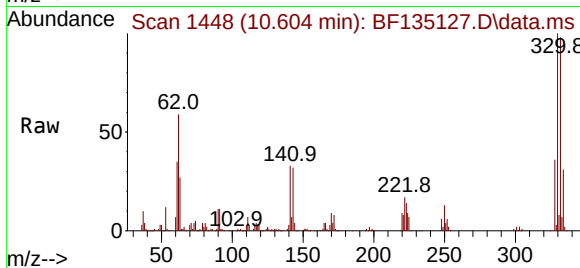
Acq: 07 Sep 2023 10:48

Instrument :

BNA_F

ClientSampleId :

PB155315BL



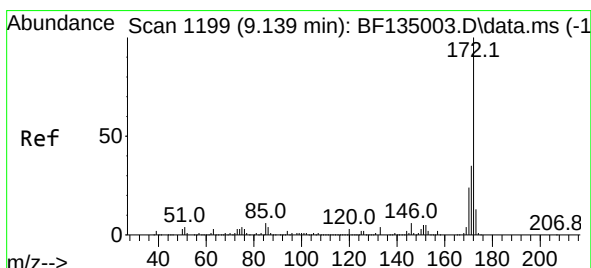
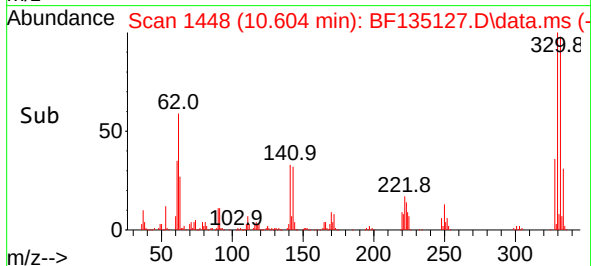
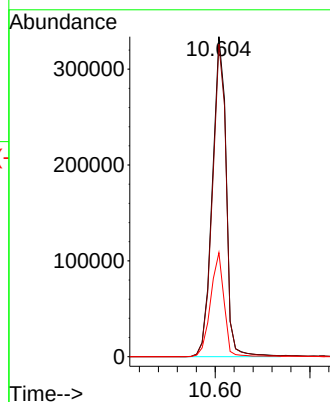
Tgt Ion:330 Resp: 337773

Ion Ratio Lower Upper

330 100

332 97.5 77.6 116.4

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 92.134 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135127.D

Acq: 07 Sep 2023 10:48

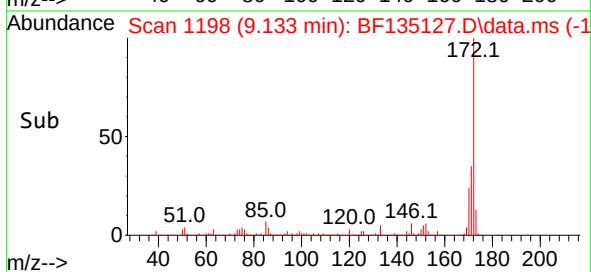
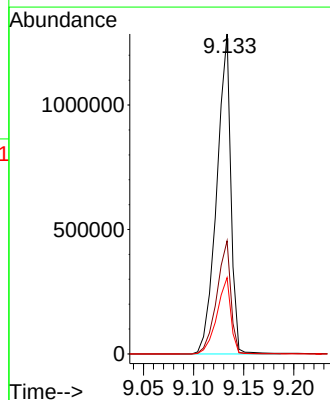
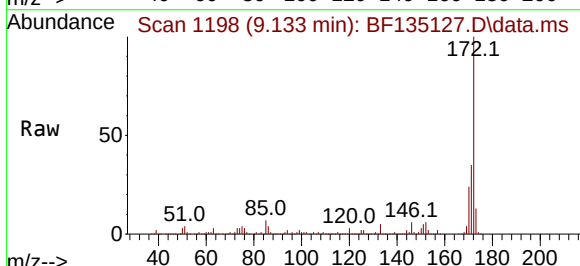
Tgt Ion:172 Resp: 1254913

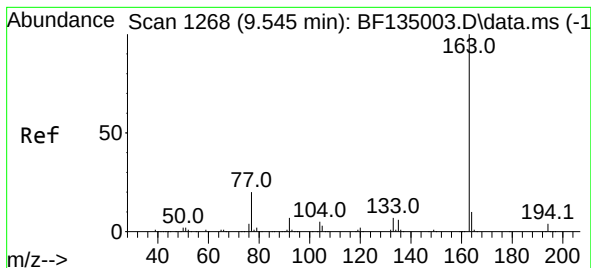
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.9 19.0 28.4





#50

Dimethylphthalate

Concen: 2.955 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.265 min

Lab File: BF135127.D

Acq: 07 Sep 2023 10:48

Instrument :

BNA_F

ClientSampleId :

PB155315BL

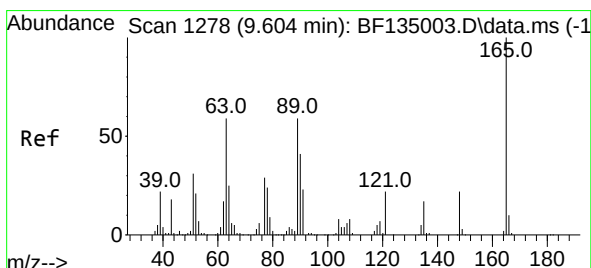
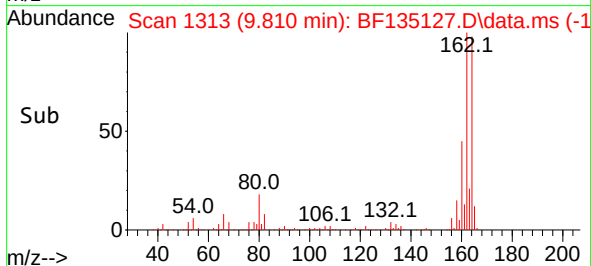
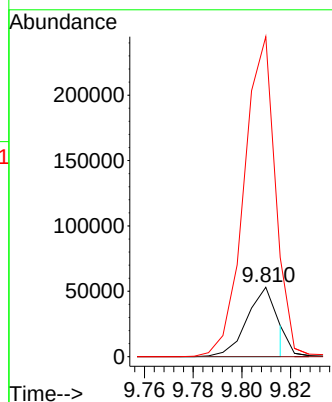
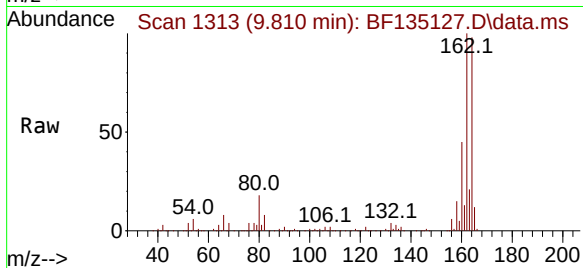
Tgt Ion:163 Resp: 45890

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 460.4 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.224 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.206 min

Lab File: BF135127.D

Acq: 07 Sep 2023 10:48

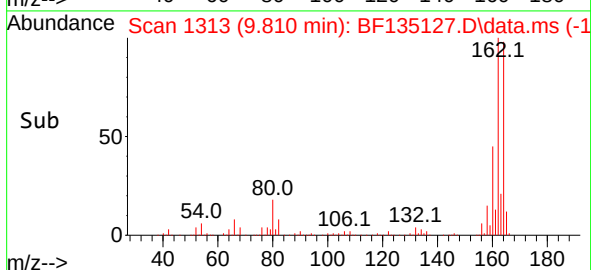
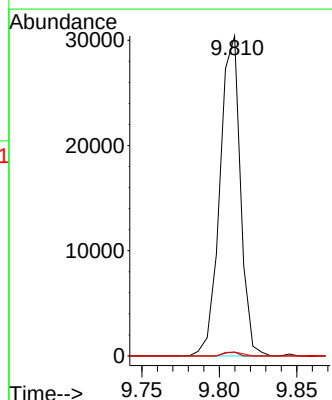
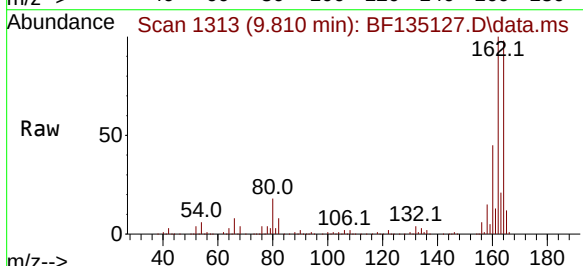
Tgt Ion:165 Resp: 28022

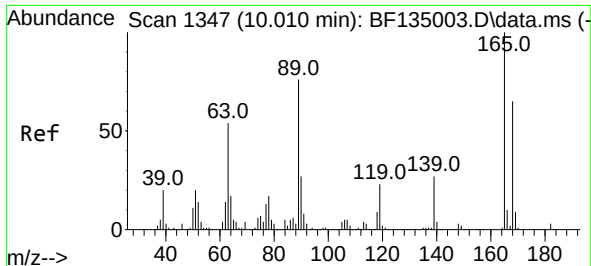
Ion Ratio Lower Upper

165 100

63 1.2 50.4 75.6#

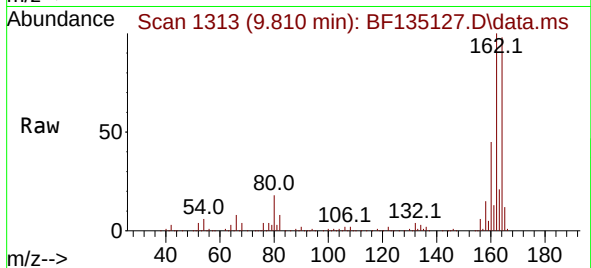
89 1.2 47.1 70.7#



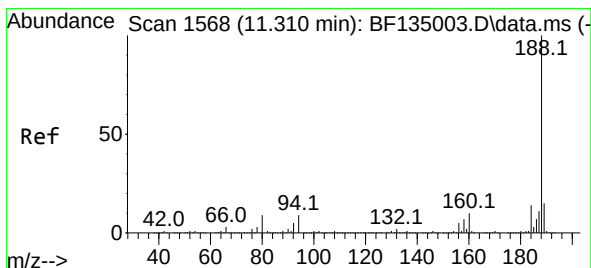
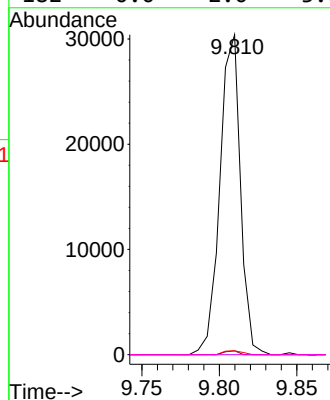
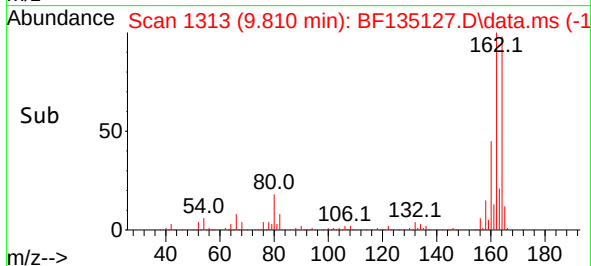


#57
2,4-Dinitrotoluene
Concen: 6.600 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

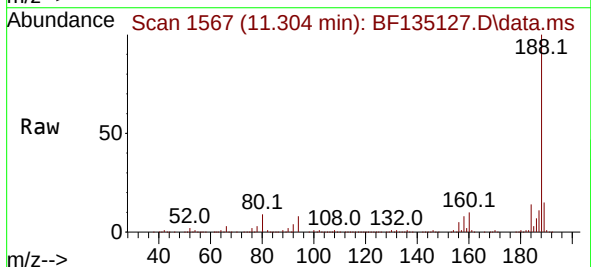
Instrument :
BNA_F
ClientSampleId :
PB155315BL



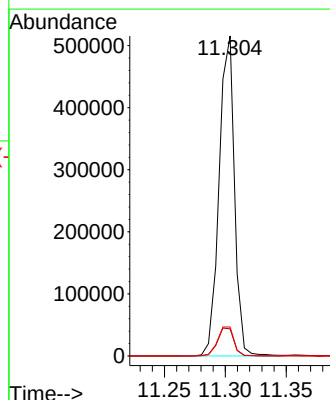
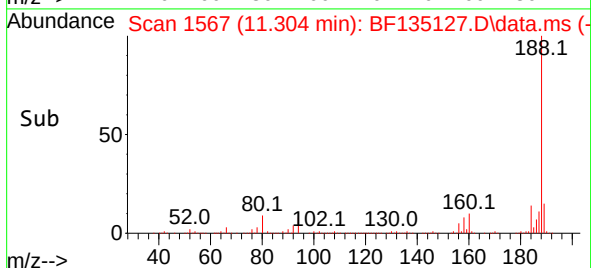
Tgt Ion:165 Resp: 28022
Ion Ratio Lower Upper
165 100
63 1.2 43.2 64.8#
89 1.2 60.8 91.2#
182 0.0 2.0 3.0#

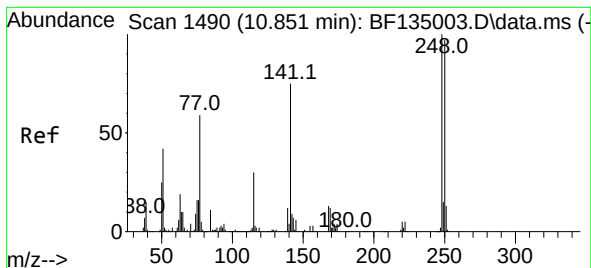


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48



Tgt Ion:188 Resp: 453498
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.0 7.4 11.2

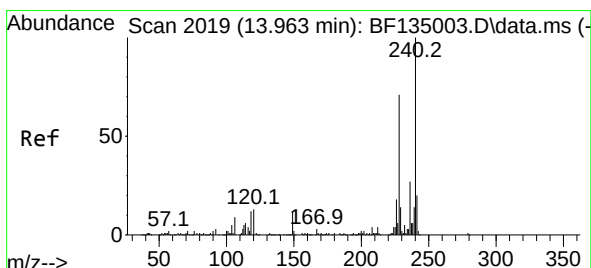
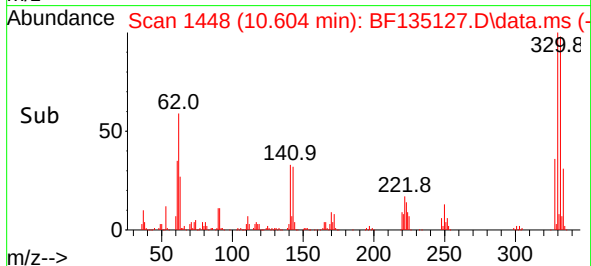
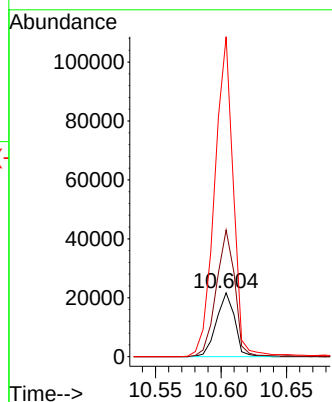
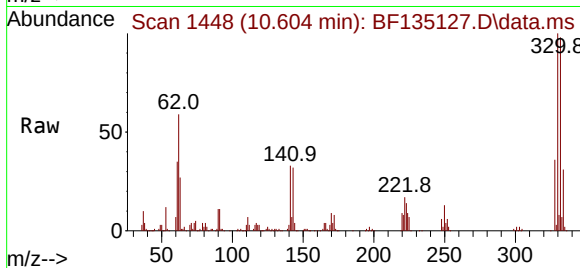




#67
4-Bromophenyl-phenylether
Concen: 4.386 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

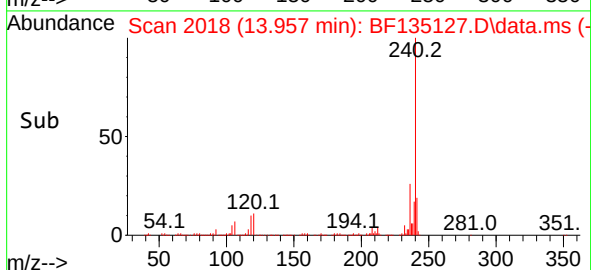
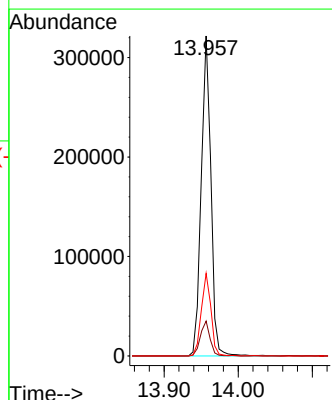
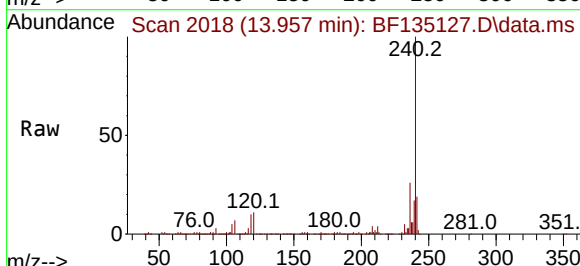
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BNA_F
ClientSampleId :
PB155315BL

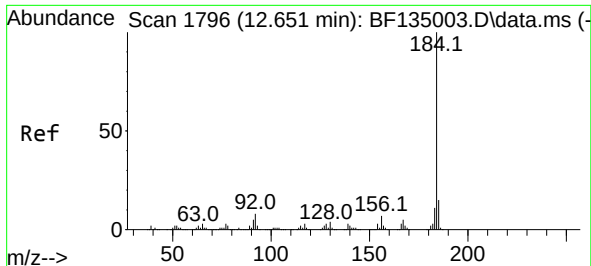
Tgt Ion:248 Resp: 21095
Ion Ratio Lower Upper
248 100
250 198.7 77.9 116.9#
141 501.7 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

Tgt Ion:240 Resp: 292919
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.2
236 25.8 21.3 31.9

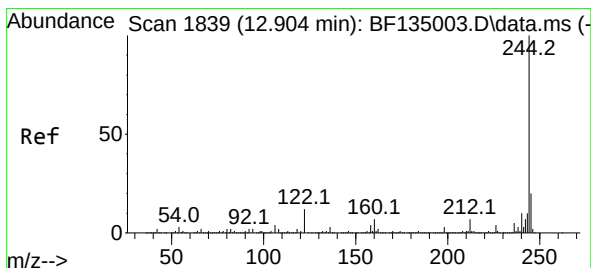
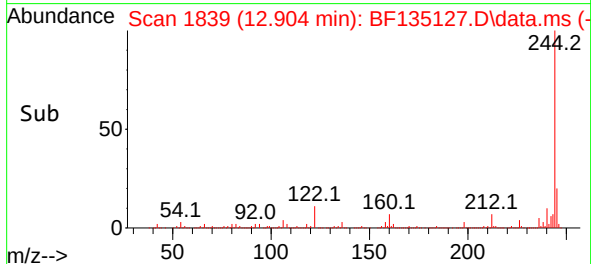
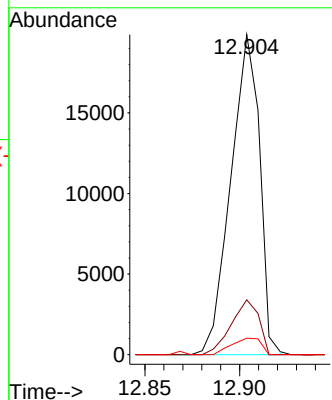
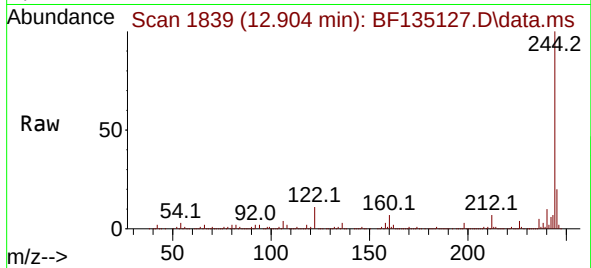




#77
Benzidine
Concen: 3.969 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.253 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

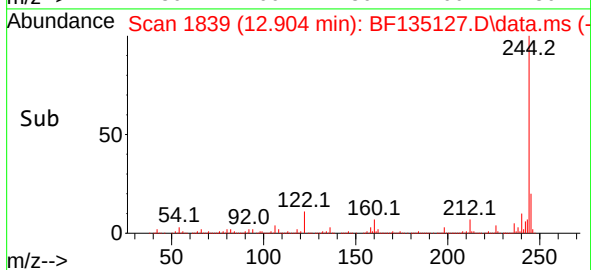
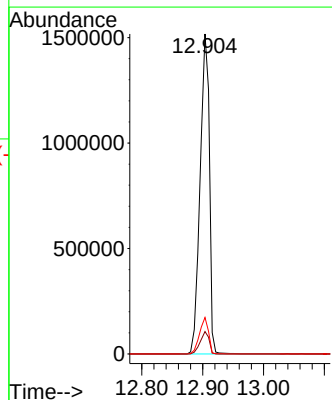
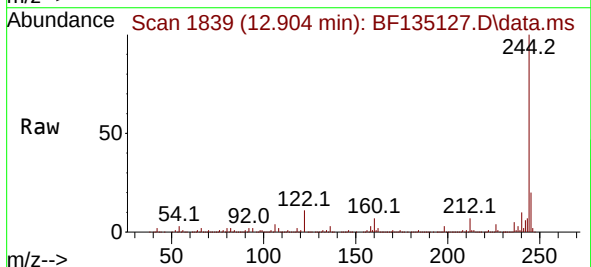
Instrument :
BNA_F
ClientSampleId :
PB155315BL

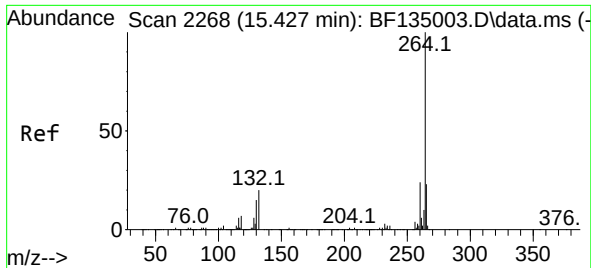
Tgt Ion:184 Resp: 20960
Ion Ratio Lower Upper
184 100
185 17.1 12.0 18.0
183 5.2 9.0 13.6#



#79
Terphenyl-d14
Concen: 89.143 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF135127.D
Acq: 07 Sep 2023 10:48

Tgt Ion:244 Resp: 1600086
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.4 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF135127.D
 Acq: 07 Sep 2023 10:48

Instrument :
 BNA_F
 ClientSampleId :
 PB155315BL

Tgt Ion:264 Resp: 183307
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 20.6 18.2 27.2

