

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135037.D
 Acq On : 31 Aug 2023 12:45
 Operator : CG\JU
 Sample : PB155191BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155191BL

Quant Time: Aug 31 13:23:35 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)

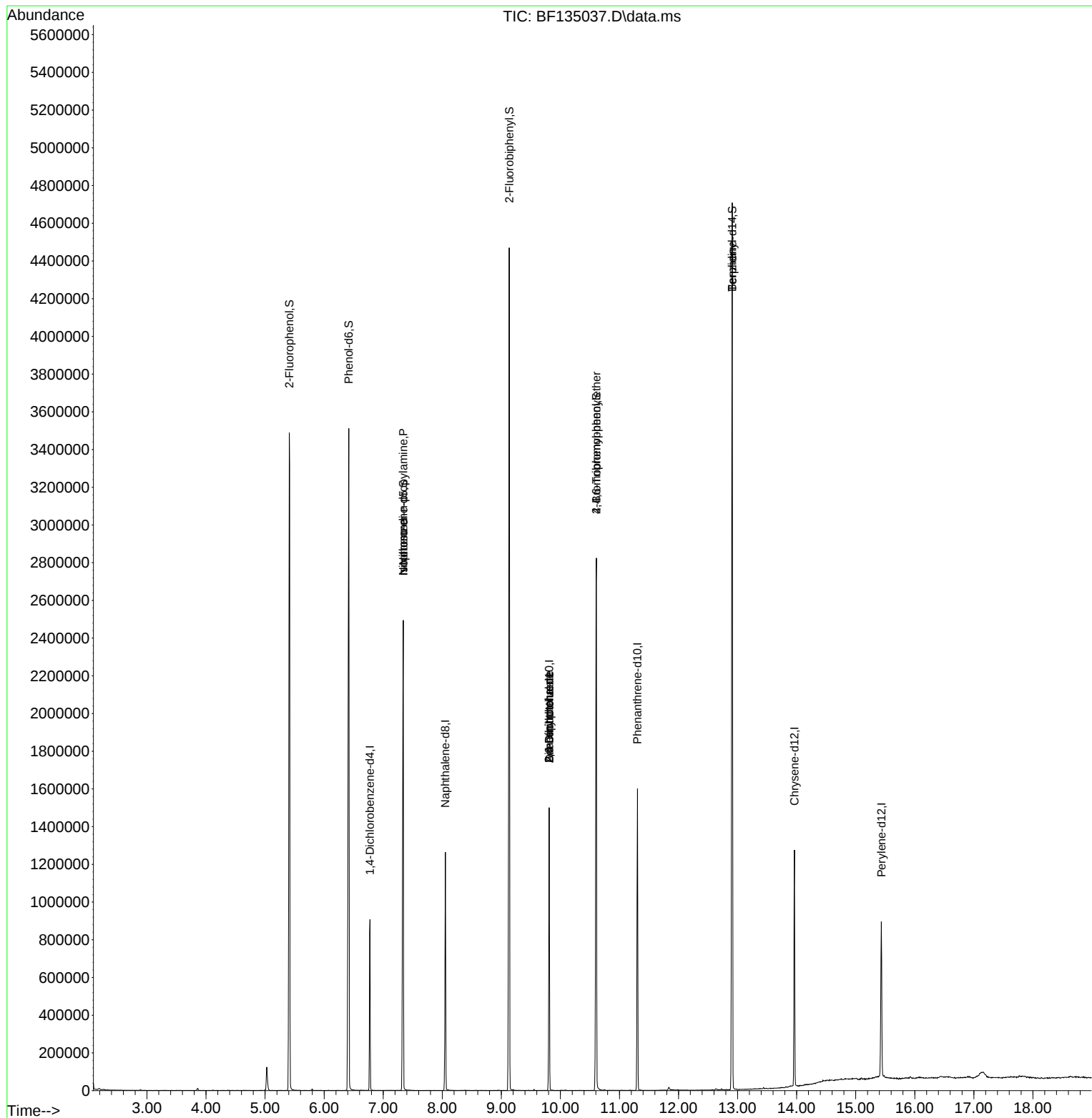
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	132863	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	542413	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	287132	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	552740	20.000	ng	0.00
76) Chrysene-d12	13.963	240	414852	20.000	ng	0.00
86) Perylene-d12	15.433	264	377843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1104770	128.437	ng	0.01
7) Phenol-d6	6.416	99	1346977	125.634	ng	0.00
23) Nitrobenzene-d5	7.340	82	860849	89.163	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	397944	130.650	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1515439	85.929	ng	0.00
79) Terphenyl-d14	12.910	244	1811446	71.257	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	118391	18.590	ng	# 75
25) Isophorone	7.340	82	859868	46.974	ng	# 65
50) Dimethylphthalate	9.810	163	57122	2.841	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	36446	8.261	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	36446	6.629	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	25138	4.288	ng	# 1
77) Benzidine	12.910	184	23063	3.084	ng	# 93

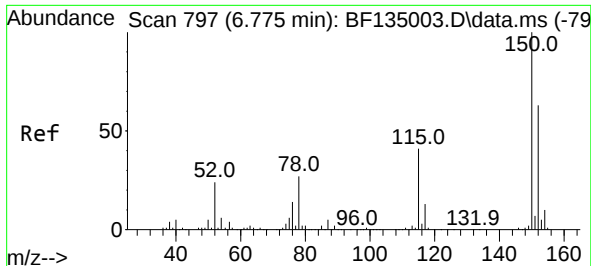
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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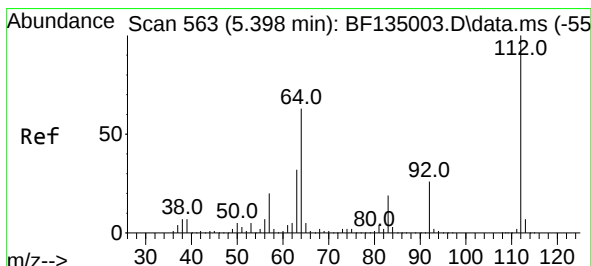
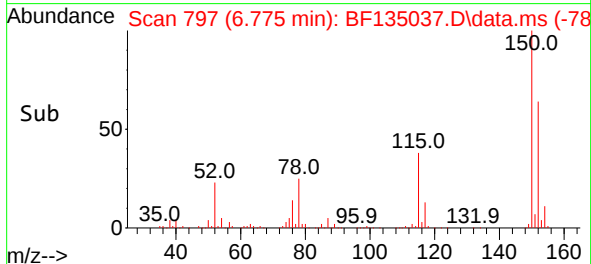
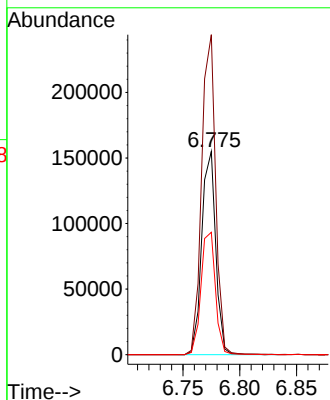
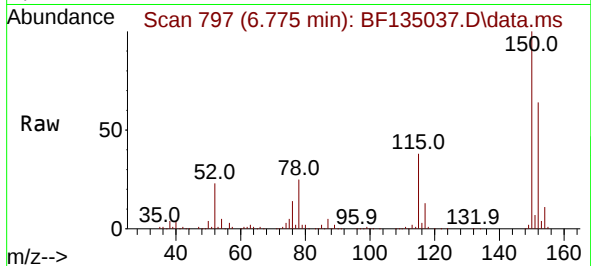




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BF135037.D
 Acq: 31 Aug 2023 12:45

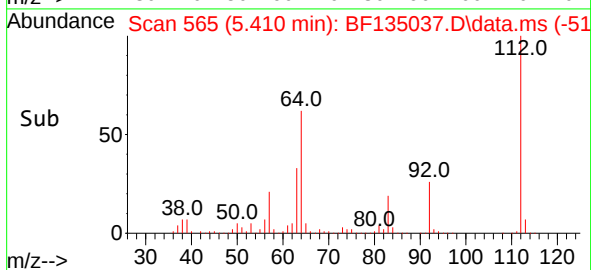
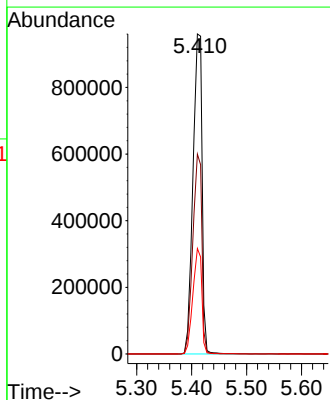
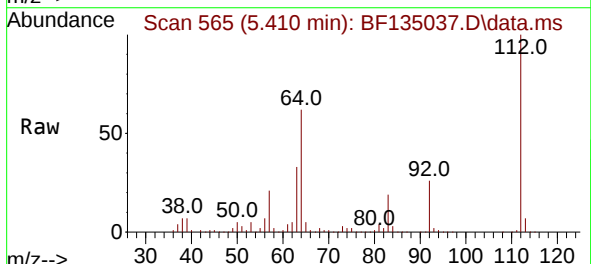
Instrument :
 BNA_F
 ClientSampleId :
 PB155191BL

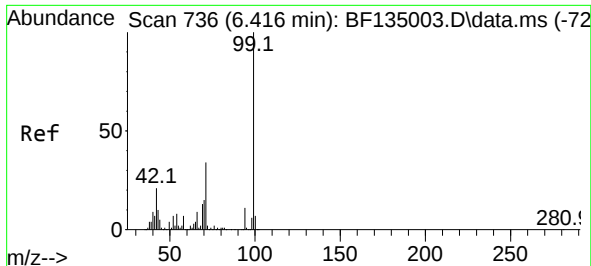
Tgt Ion:152 Resp: 132863
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.4
 115 60.2 51.2 76.8



#5
 2-Fluorophenol
 Concen: 128.437 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.012 min
 Lab File: BF135037.D
 Acq: 31 Aug 2023 12:45

Tgt Ion:112 Resp: 1104770
 Ion Ratio Lower Upper
 112 100
 64 62.5 50.5 75.7
 63 33.0 25.9 38.9

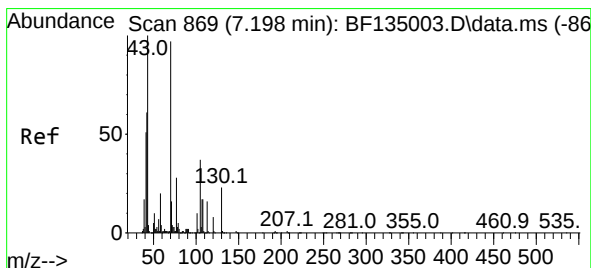
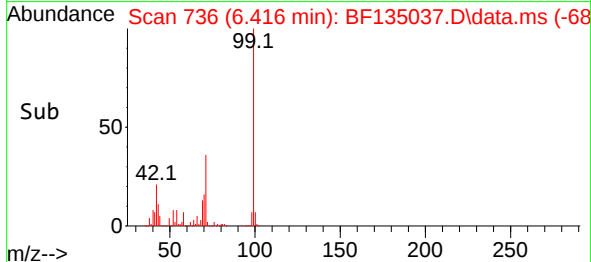
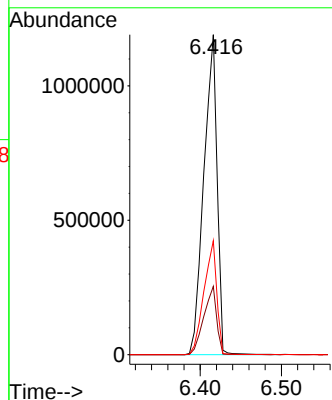
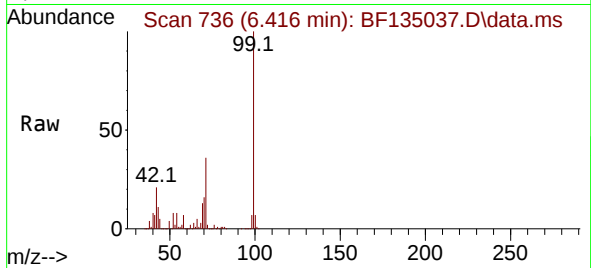




#7
Phenol-d6
Concen: 125.634 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

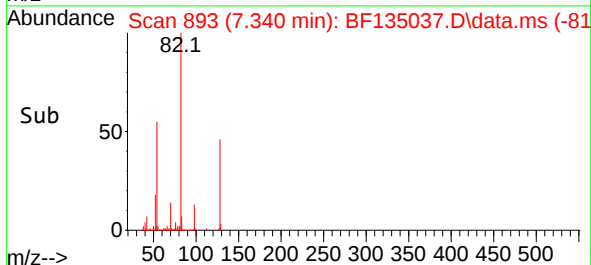
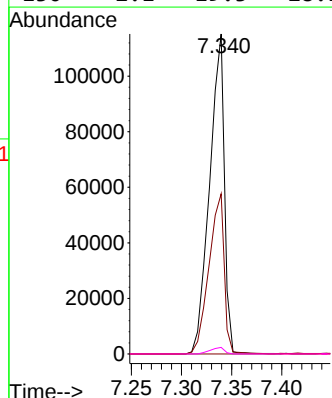
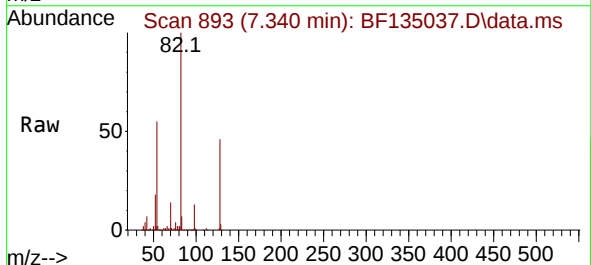
Instrument :
BNA_F
ClientSampleId :
PB155191BL

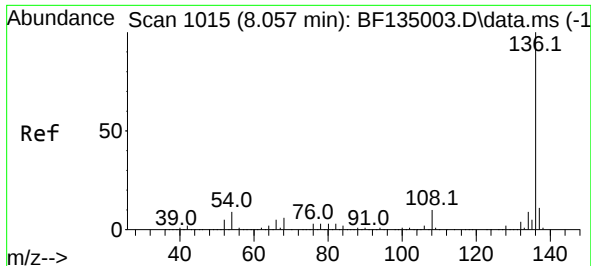
Tgt Ion: 99 Resp: 1346977
Ion Ratio Lower Upper
99 100
42 21.4 16.6 25.0
71 35.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.590 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

Tgt Ion: 70 Resp: 118391
Ion Ratio Lower Upper
70 100
42 50.0 50.2 75.4#
101 0.0 8.1 12.1#
130 2.1 19.3 28.9#

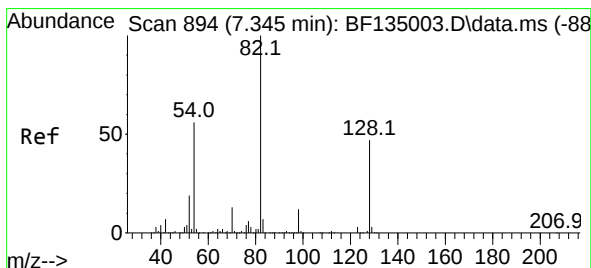
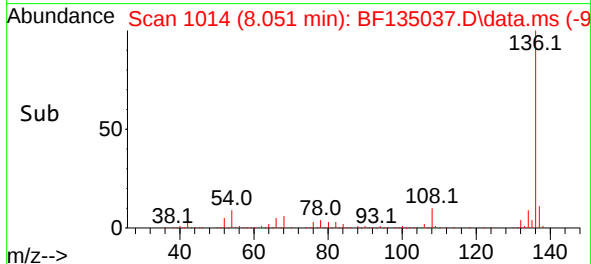
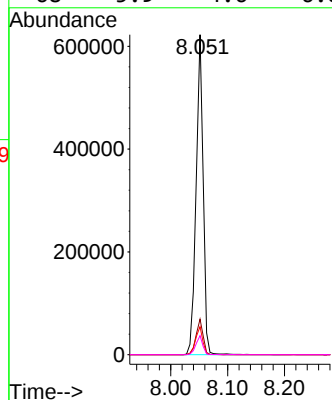
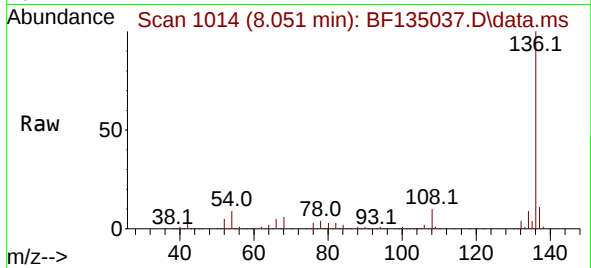




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

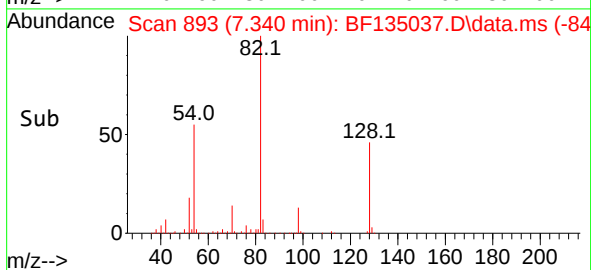
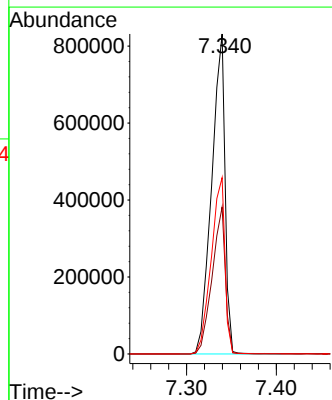
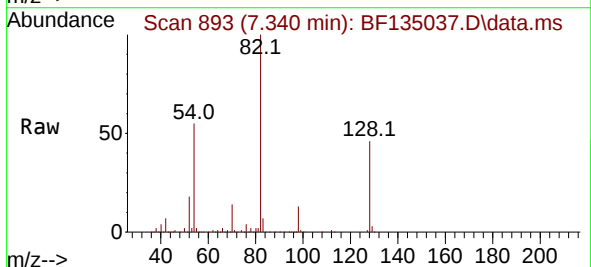
Instrument :
BNA_F
ClientSampleId :
PB155191BL

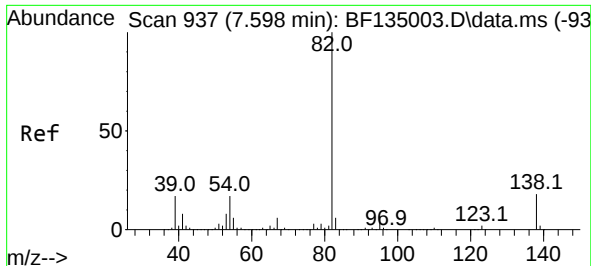
Tgt Ion:136 Resp: 542413
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.8 7.0 10.4
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 89.163 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

Tgt Ion: 82 Resp: 860849
Ion Ratio Lower Upper
82 100
128 46.0 37.8 56.8
54 55.1 45.0 67.6

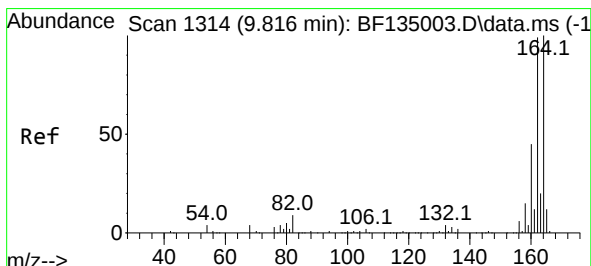
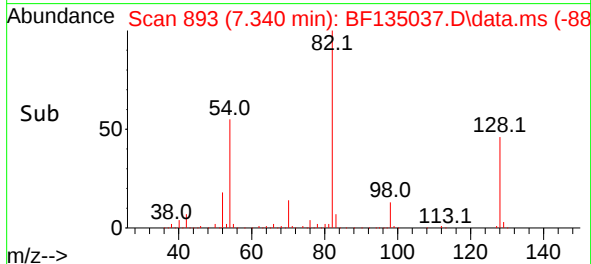
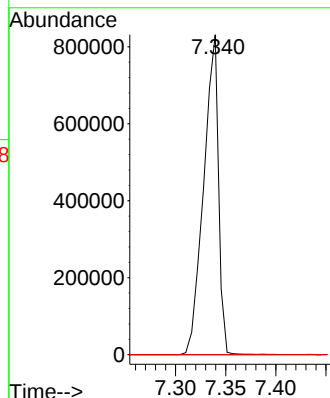
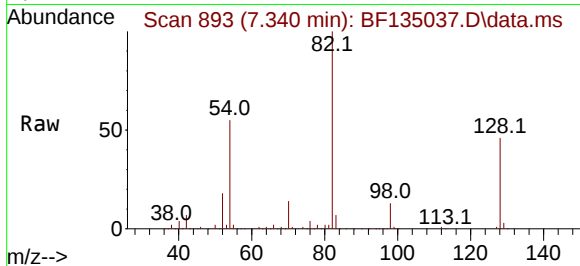




#25
Isophorone
Concen: 46.974 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

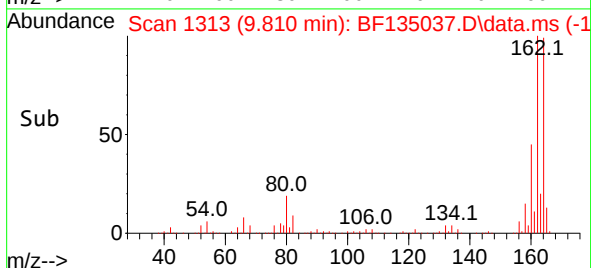
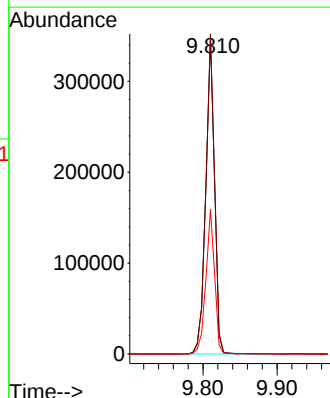
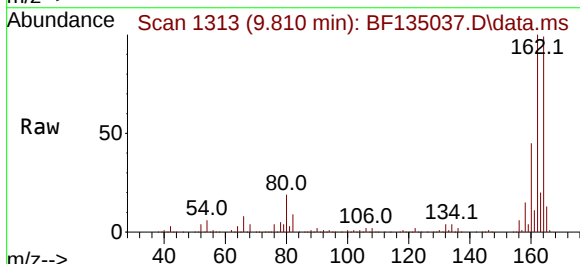
Instrument :
BNA_F
ClientSampleId :
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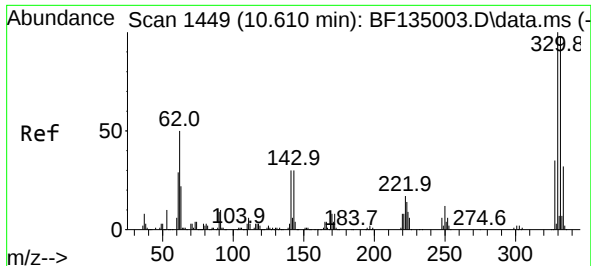
Tgt Ion: 82 Resp: 859868
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

Tgt Ion:164 Resp: 287132
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 130.650 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF135037.D

Acq: 31 Aug 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB155191BL

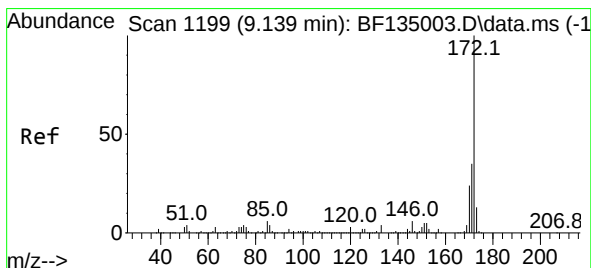
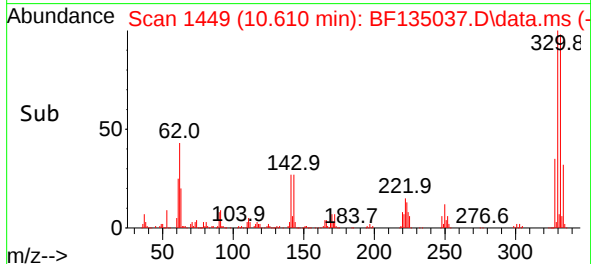
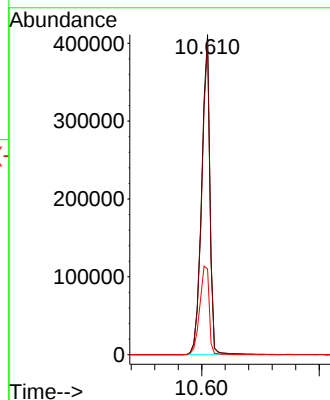
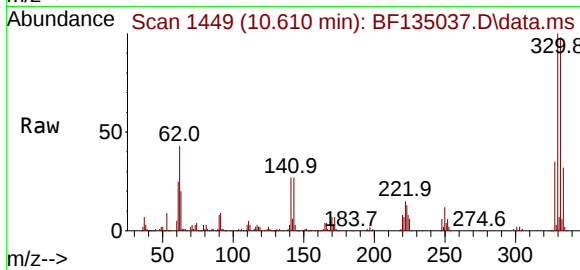
Tgt Ion:330 Resp: 397944

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 31.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 85.929 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135037.D

Acq: 31 Aug 2023 12:45

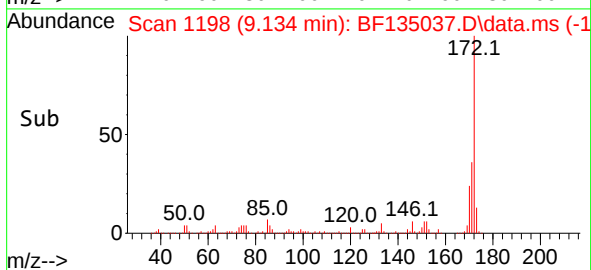
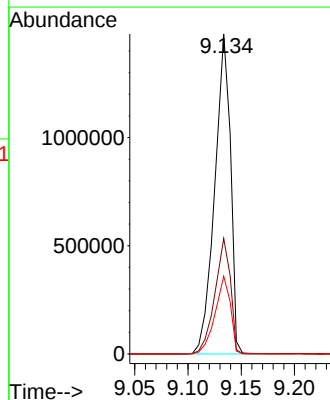
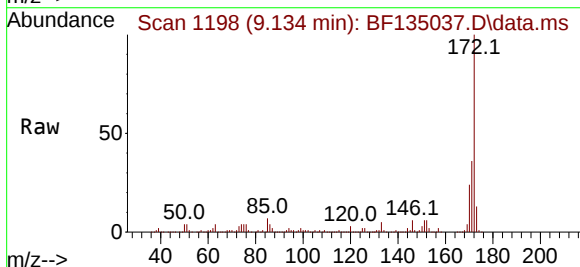
Tgt Ion:172 Resp: 1515439

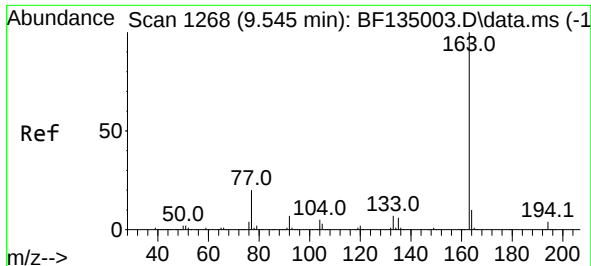
Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.2

170 24.3 19.0 28.4

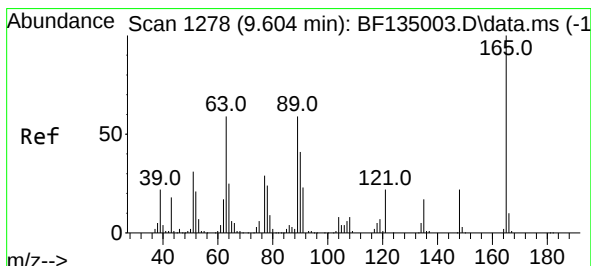
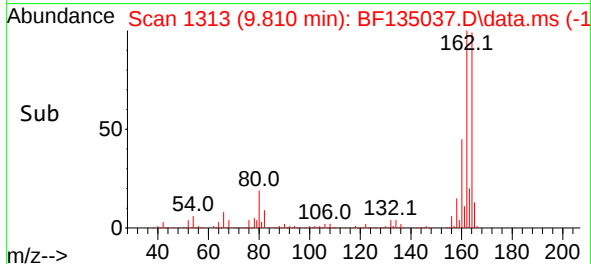
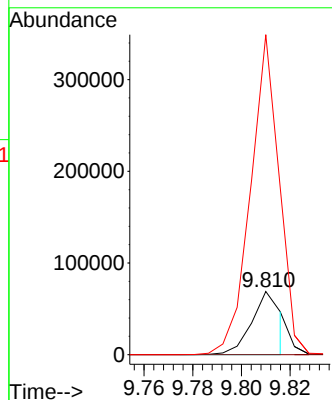
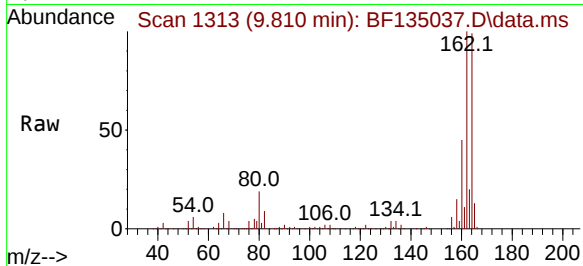




#50
Dimethylphthalate
Concen: 2.841 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

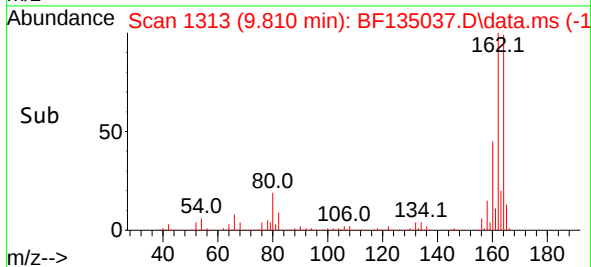
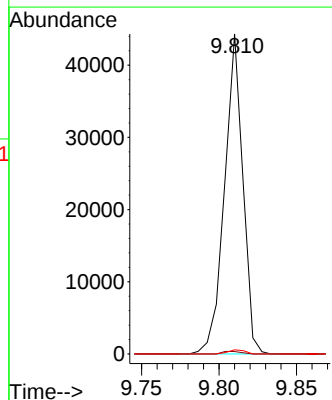
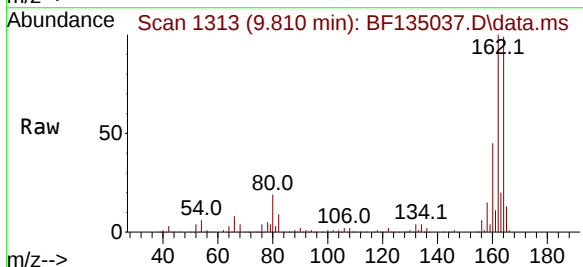
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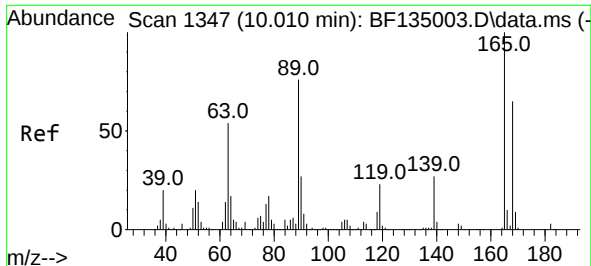
Tgt Ion:163 Resp: 57122
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 505.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.261 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

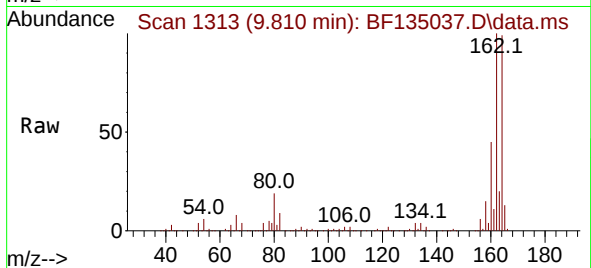
Tgt Ion:165 Resp: 36446
Ion Ratio Lower Upper
165 100
63 0.7 50.4 75.6#
89 1.3 47.1 70.7#



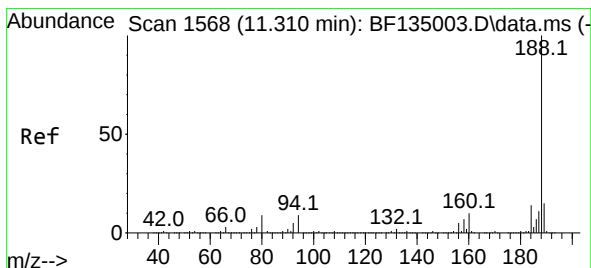
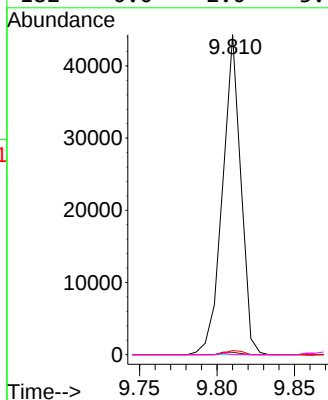
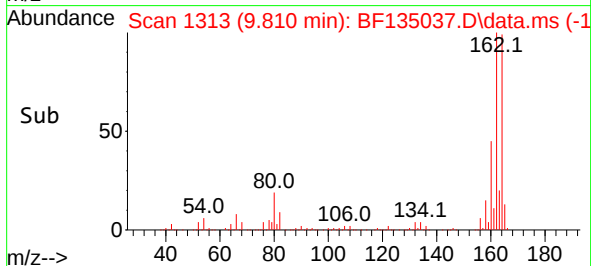


#57
2,4-Dinitrotoluene
Concen: 6.629 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

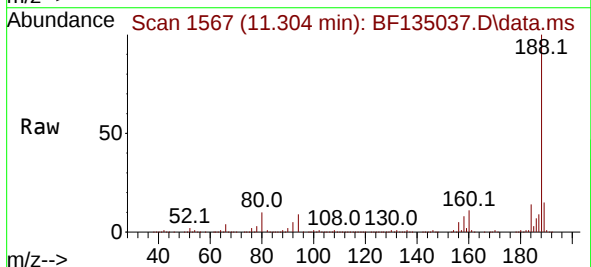
Instrument :
BNA_F
ClientSampleId :
PB155191BL



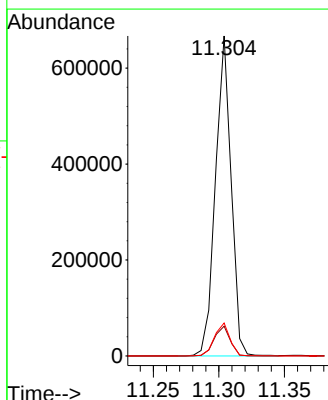
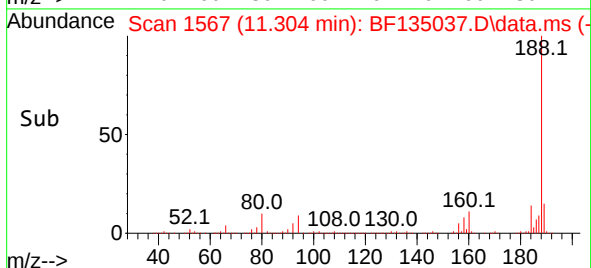
Tgt Ion:165 Resp: 36446
Ion Ratio Lower Upper
165 100
63 0.7 43.2 64.8#
89 1.3 60.8 91.2#
182 0.0 2.0 3.0#

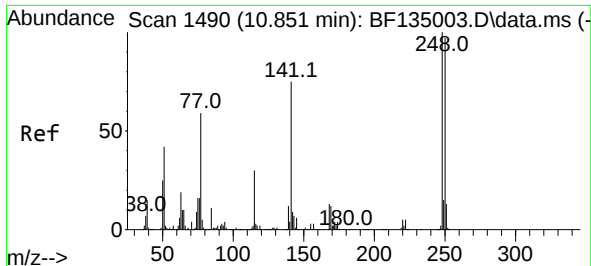


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45



Tgt Ion:188 Resp: 552740
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.3 7.4 11.2

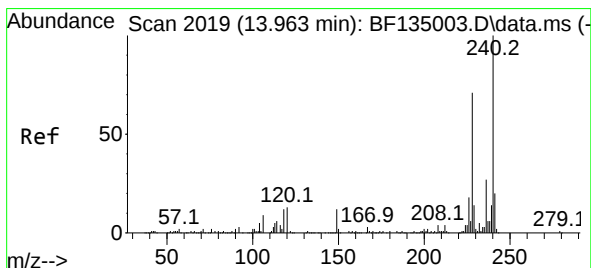
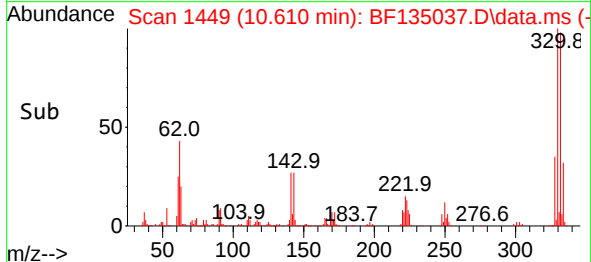
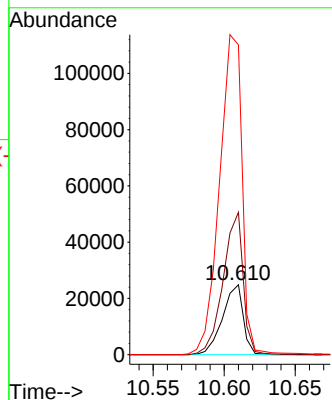
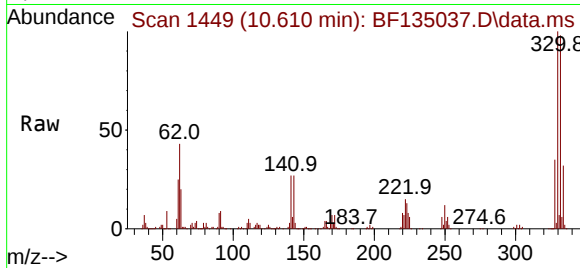




#67
4-Bromophenyl-phenylether
Concen: 4.288 ng
RT: 10.610 min Scan# 1490
Delta R.T. -0.241 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

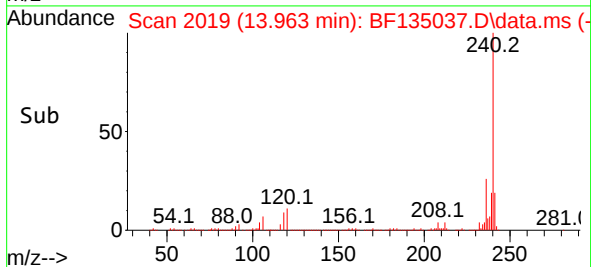
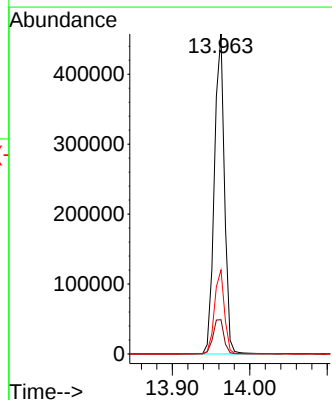
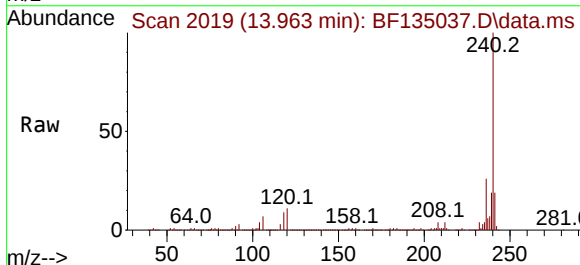
Instrument :
BNA_F
ClientSampleId :
PB155191BL

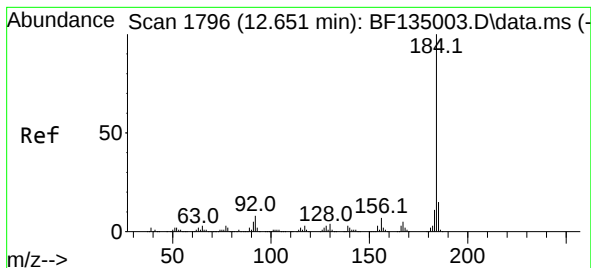
Tgt Ion:248 Resp: 25138
Ion Ratio Lower Upper
248 100
250 203.6 77.9 116.9#
141 442.7 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

Tgt Ion:240 Resp: 414852
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.2
236 26.2 21.3 31.9





#77

Benzidine

Concen: 3.084 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.259 min

Lab File: BF135037.D

Acq: 31 Aug 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB155191BL

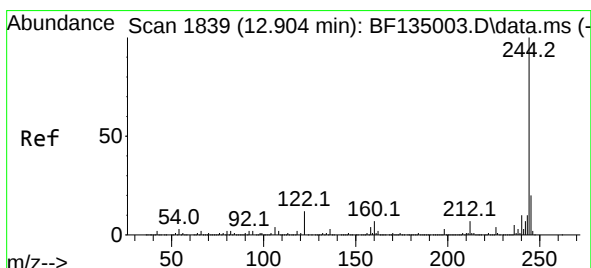
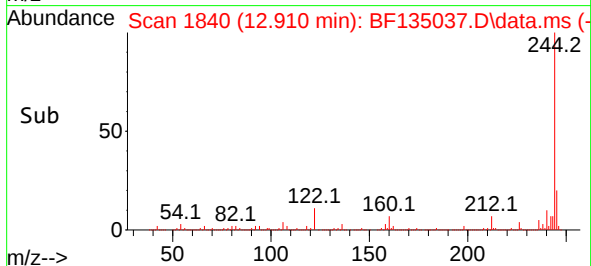
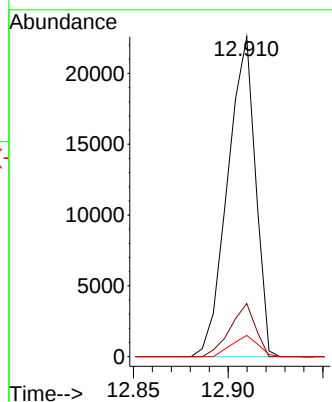
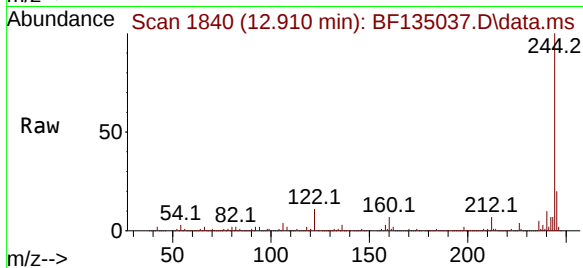
Tgt Ion:184 Resp: 23063

Ion Ratio Lower Upper

184 100

185 16.6 12.0 18.0

183 6.7 9.0 13.6#



#79

Terphenyl-d14

Concen: 71.257 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF135037.D

Acq: 31 Aug 2023 12:45

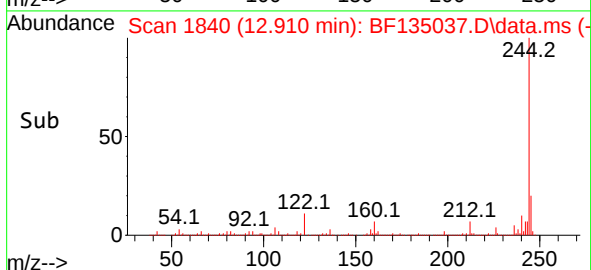
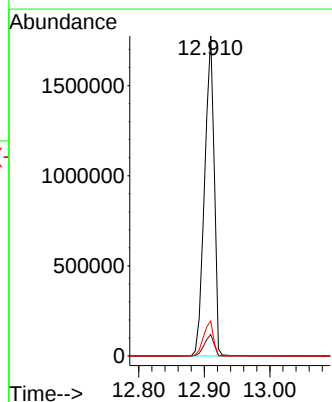
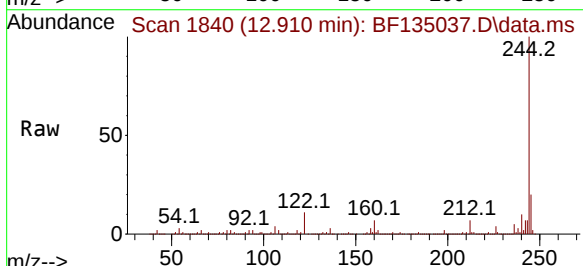
Tgt Ion:244 Resp: 1811446

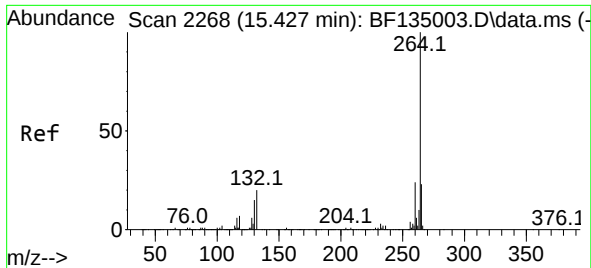
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

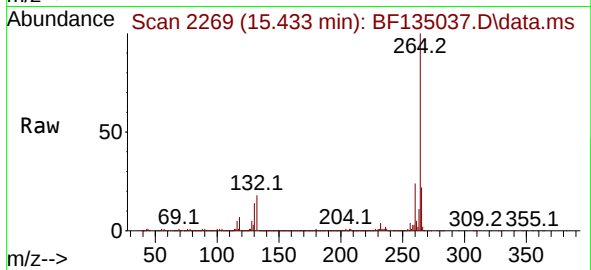
122 10.9 9.8 14.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135037.D
Acq: 31 Aug 2023 12:45

Instrument :
BNA_F
ClientSampleId :
PB155191BL



Tgt Ion:264 Resp: 377843
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 22.2 18.2 27.2

