

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135913.D
 Acq On : 20 Oct 2023 17:56
 Operator : CG\JU
 Sample : PB156255BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156255BL

Quant Time: Oct 20 23:20:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

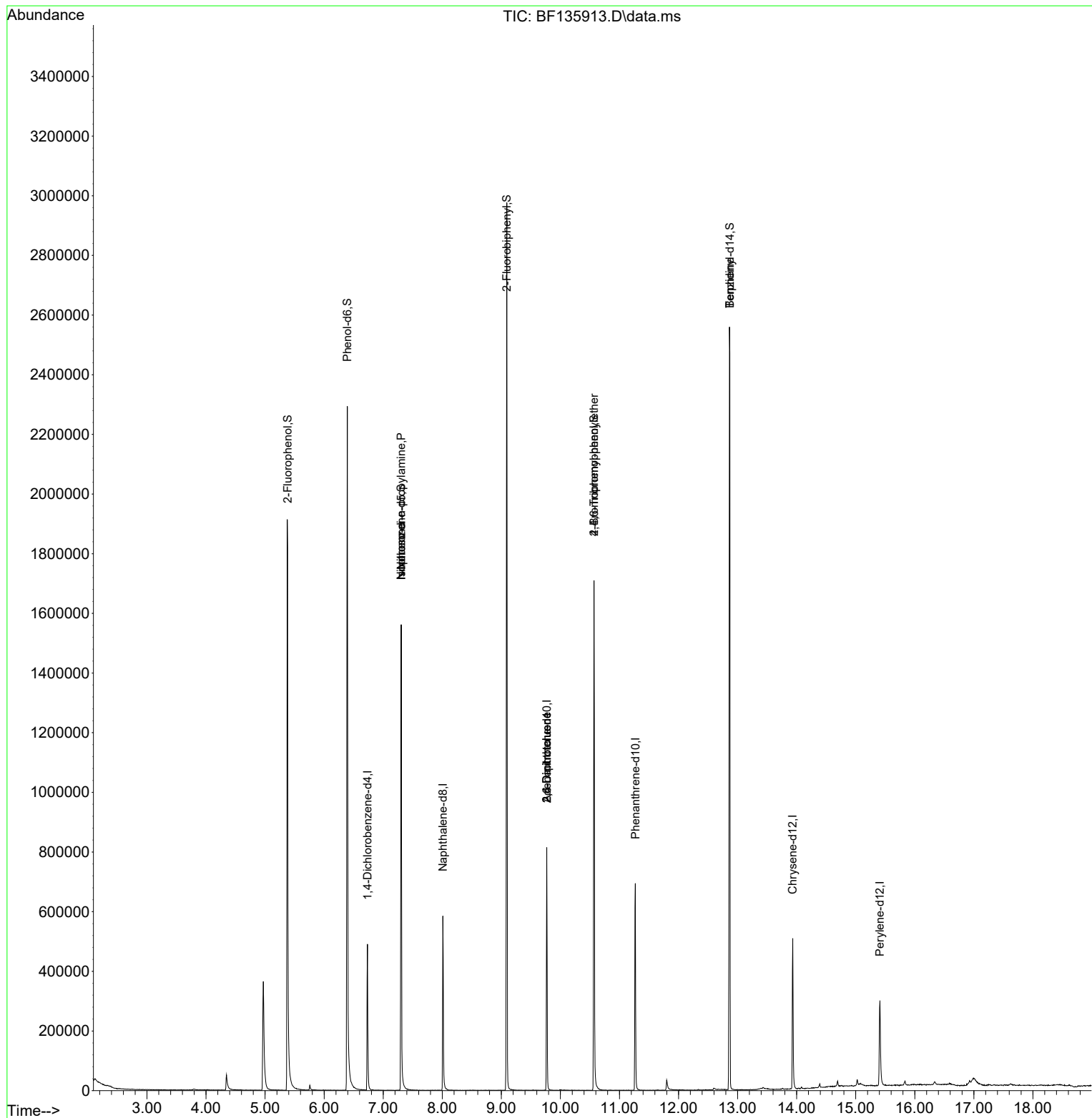
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	75391	20.000	ng	-0.01
21) Naphthalene-d8	8.010	136	265936	20.000	ng	-0.01
39) Acenaphthene-d10	9.769	164	151646	20.000	ng	-0.02
64) Phenanthrene-d10	11.269	188	280356	20.000	ng	#-0.01
76) Chrysene-d12	13.933	240	187326	20.000	ng	-0.02
86) Perylene-d12	15.410	264	155693	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	596681	127.245	ng	0.00
7) Phenol-d6	6.393	99	799606	136.665	ng	0.00
23) Nitrobenzene-d5	7.304	82	465592	96.291	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	215972	148.418	ng	-0.02
45) 2-Fluorobiphenyl	9.092	172	868411	89.535	ng	-0.01
79) Terphenyl-d14	12.869	244	995162	98.382	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	64020	17.697	ng	# 74
25) Isophorone	7.304	82	465592	51.040	ng	# 66
51) 2,6-Dinitrotoluene	9.769	165	18978	8.621	ng	# 16
57) 2,4-Dinitrotoluene	9.769	165	18978	6.776	ng	# 24
67) 4-Bromophenyl-phenylether	10.569	248	13060	4.641	ng	# 1
77) Benzydine	12.869	184	12461	3.048	ng	# 93

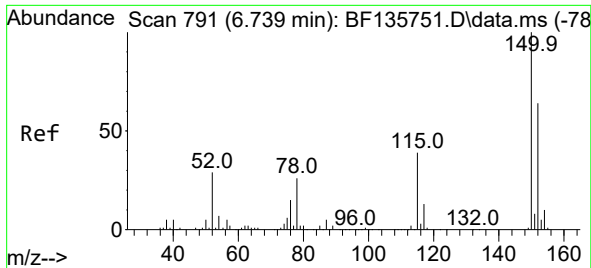
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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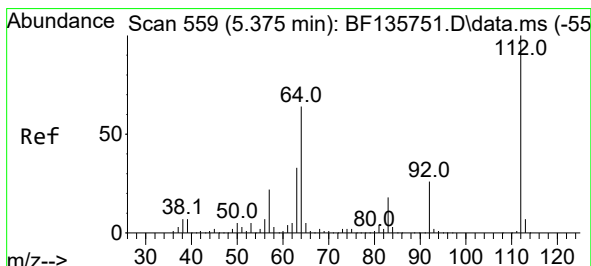
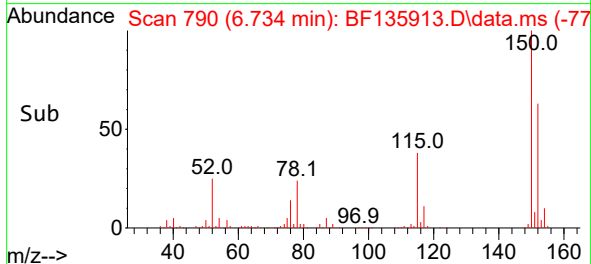
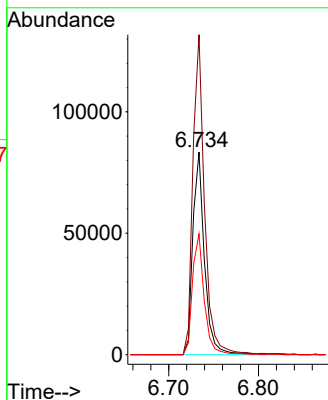
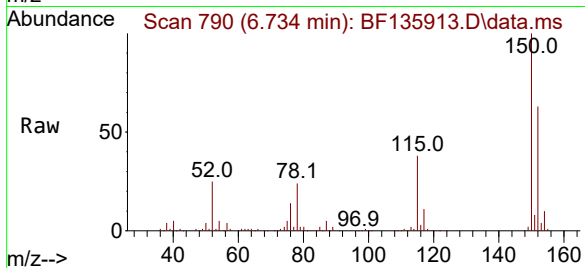




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135913.D
 Acq: 20 Oct 2023 17:56

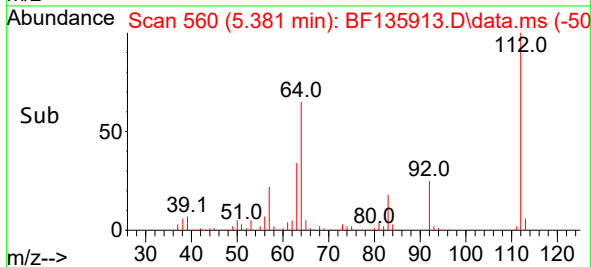
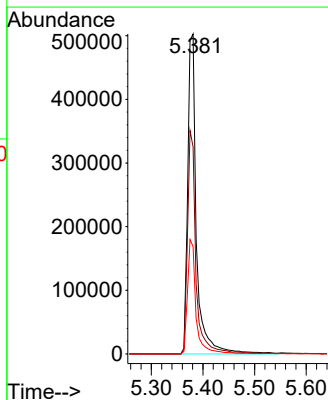
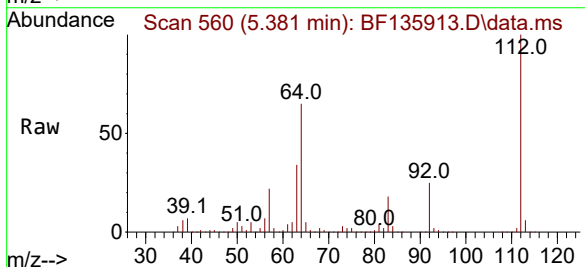
Instrument :
 BNA_F
 ClientSampleId :
 PB156255BL

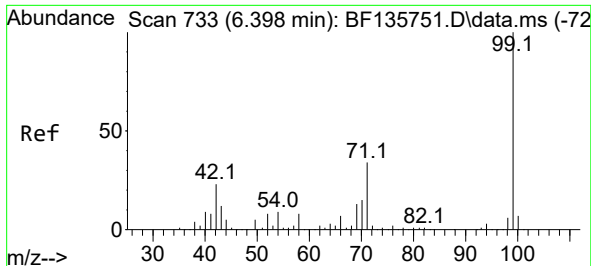
Tgt Ion:152 Resp: 75391
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.5 186.7
 115 59.6 49.0 73.4



#5
 2-Fluorophenol
 Concen: 127.245 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: BF135913.D
 Acq: 20 Oct 2023 17:56

Tgt Ion:112 Resp: 596681
 Ion Ratio Lower Upper
 112 100
 64 64.7 51.2 76.8
 63 33.5 26.1 39.1

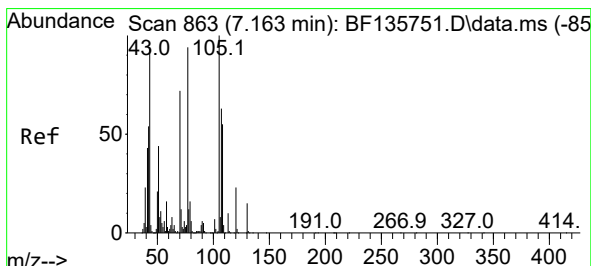
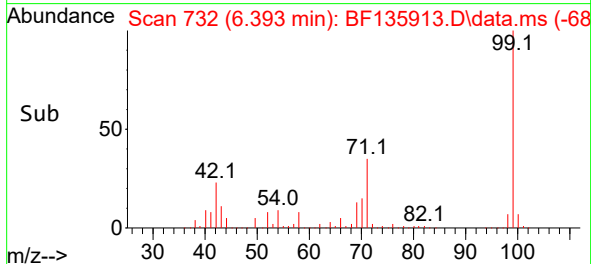
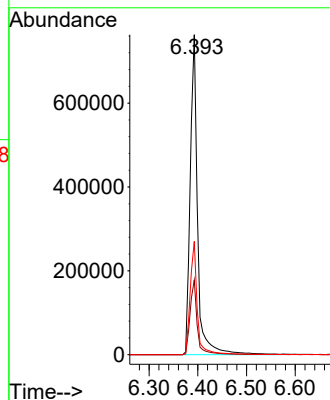
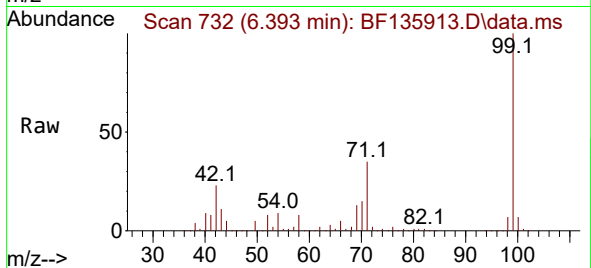




#7
Phenol-d6
Concen: 136.665 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

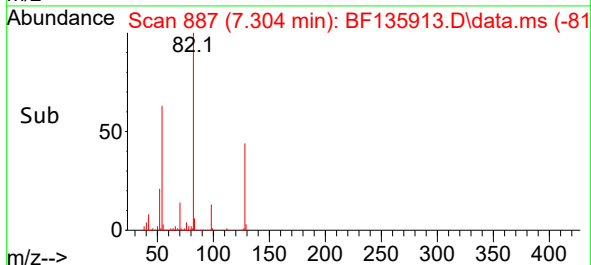
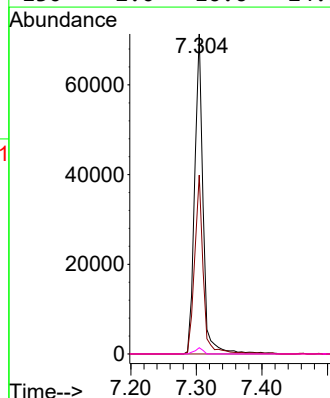
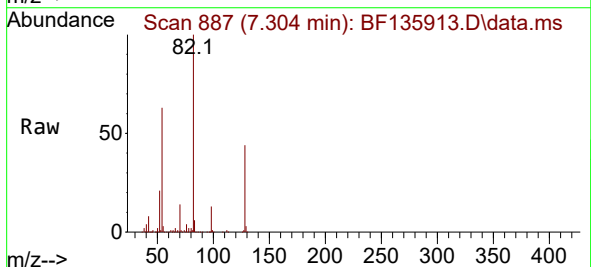
Instrument :
BNA_F
ClientSampleId :
PB156255BL

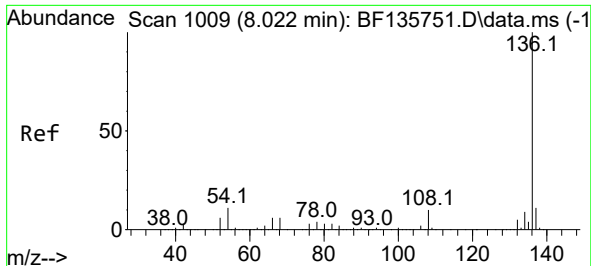
Tgt Ion: 99 Resp: 799606
Ion Ratio Lower Upper
99 100
42 23.4 18.4 27.6
71 35.4 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.697 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

Tgt Ion: 70 Resp: 64020
Ion Ratio Lower Upper
70 100
42 55.9 59.8 89.6#
101 0.0 7.4 11.2#
130 2.0 16.6 24.8#



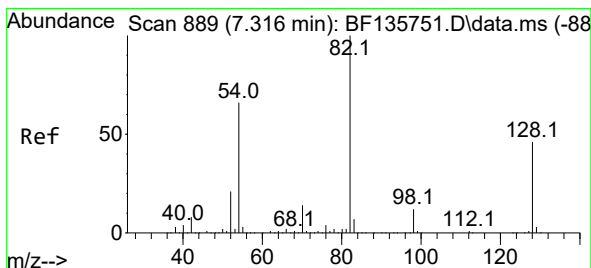
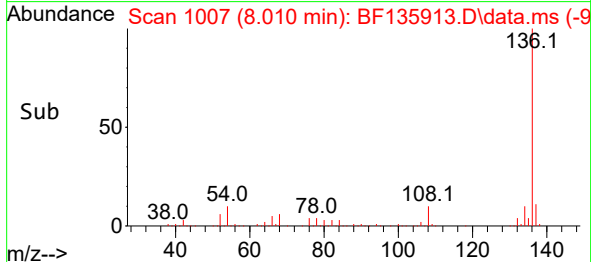
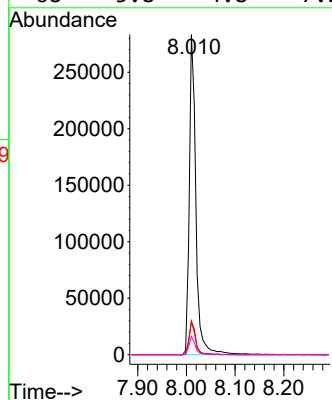
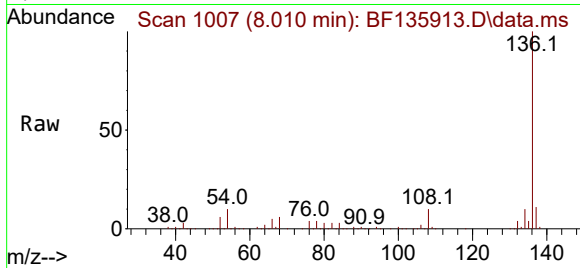


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

Instrument :
BNA_F
ClientSampleId :
PB156255BL

Tgt Ion:136 Resp: 265936

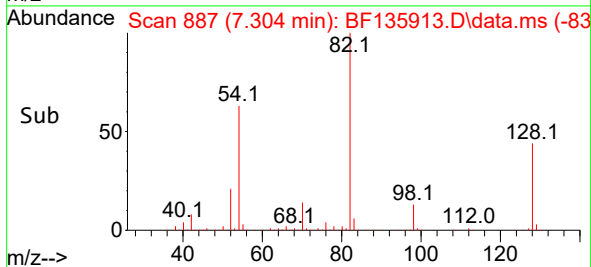
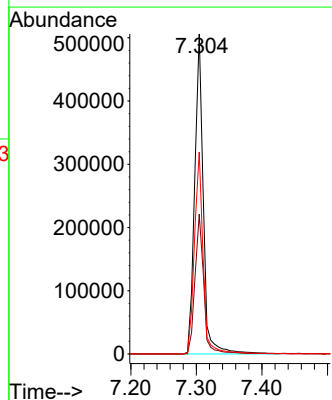
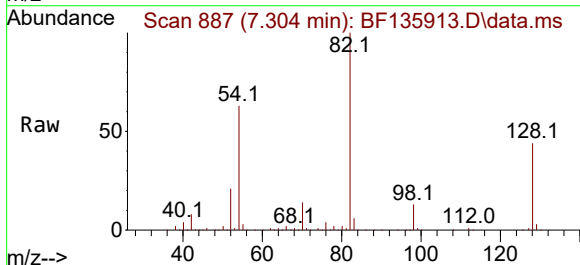
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	10.3	8.5	12.7
68	5.8	4.8	7.2

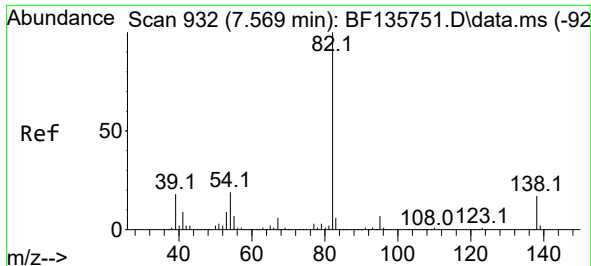


#23
Nitrobenzene-d5
Concen: 96.291 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

Tgt Ion: 82 Resp: 465592

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.0	55.6
54	63.1	52.8	79.2

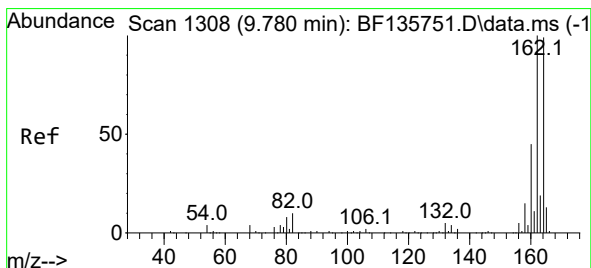
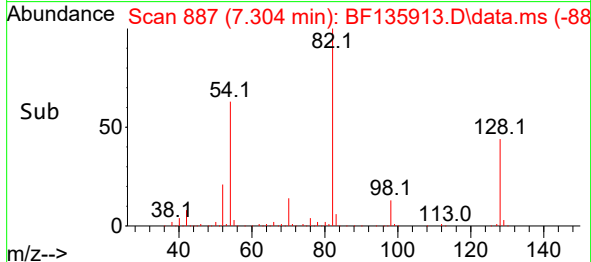
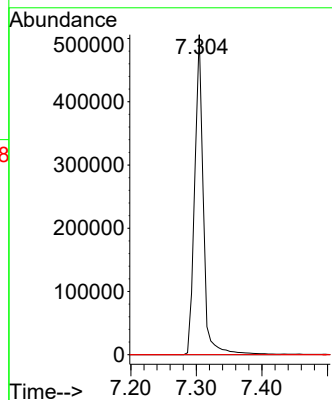
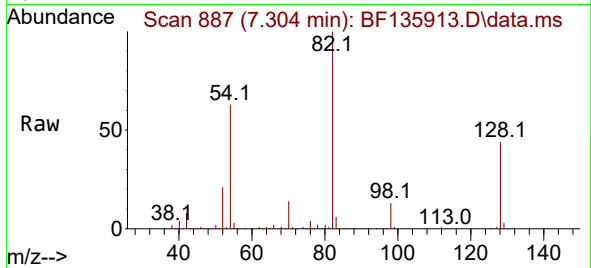




#25
Isophorone
Concen: 51.040 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

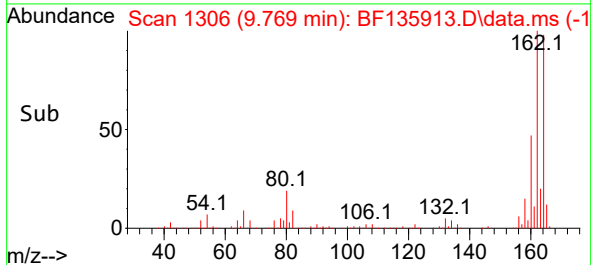
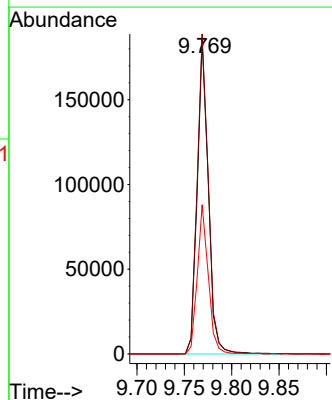
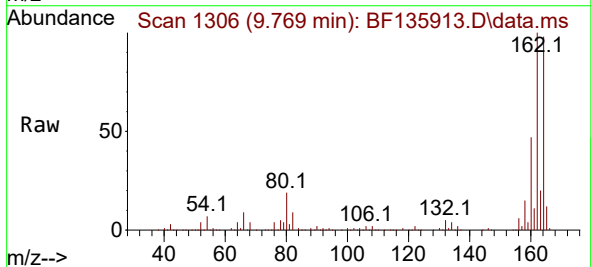
Instrument :
BNA_F
ClientSampleId :
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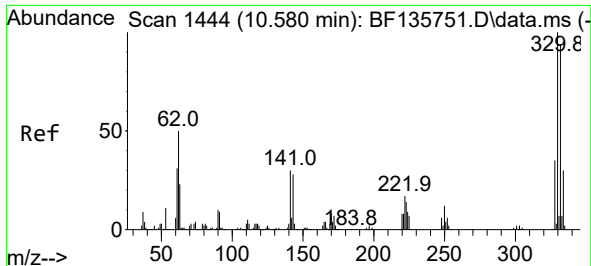
Tgt Ion: 82 Resp: 465592
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

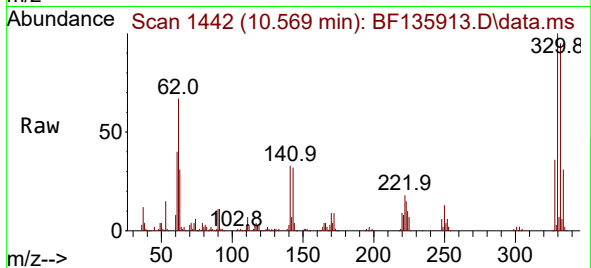
Tgt Ion:164 Resp: 151646
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 47.5 36.6 54.8



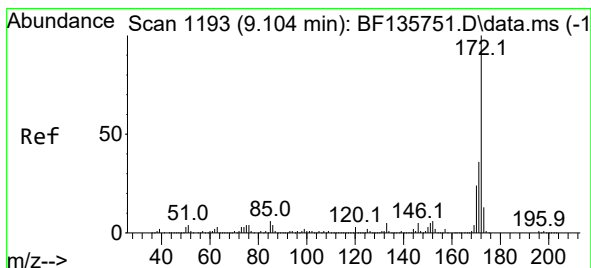
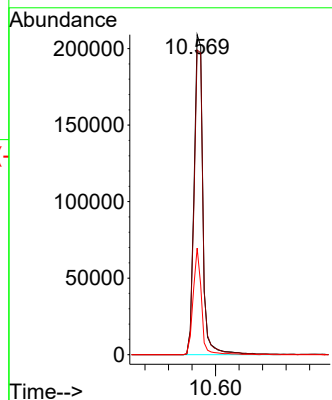
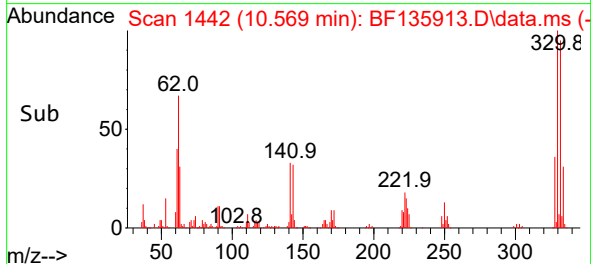


#42
2,4,6-Tribromophenol
Concen: 148.418 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.018 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

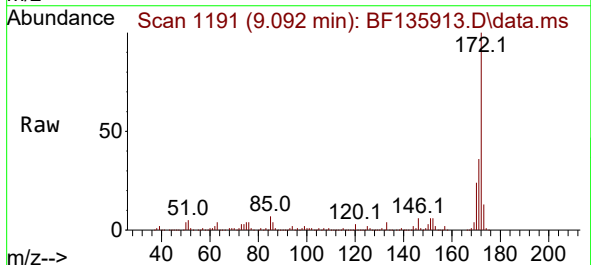
Instrument :
BNA_F
ClientSampleId :
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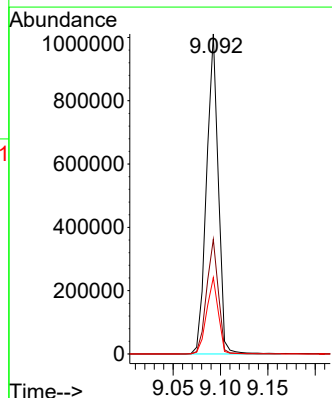
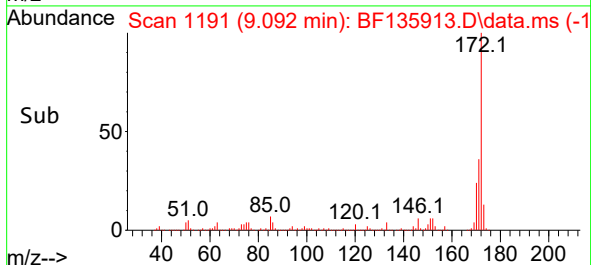
Tgt Ion:330 Resp: 215972
Ion Ratio Lower Upper
330 100
332 96.5 75.0 112.4
141 31.4 25.8 38.6

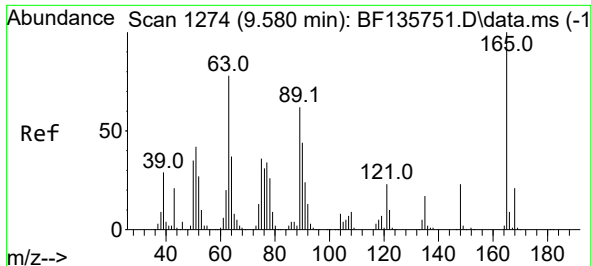


#45
2-Fluorobiphenyl
Concen: 89.535 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56



Tgt Ion:172 Resp: 868411
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.9 18.8 28.2

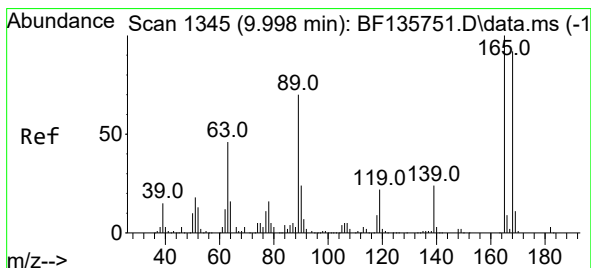
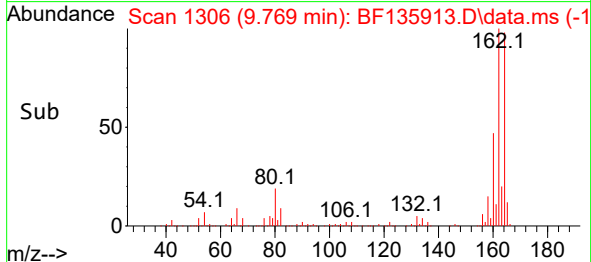
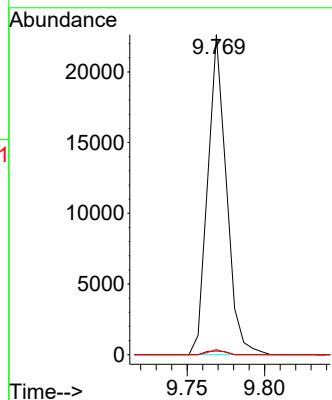
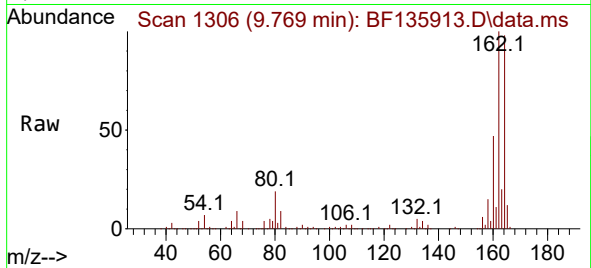




#51
2,6-Dinitrotoluene
Concen: 8.621 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.182 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

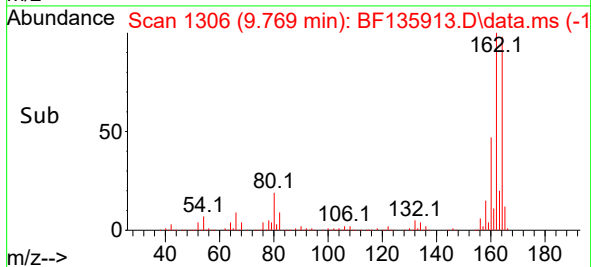
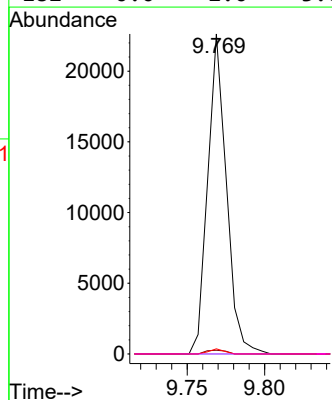
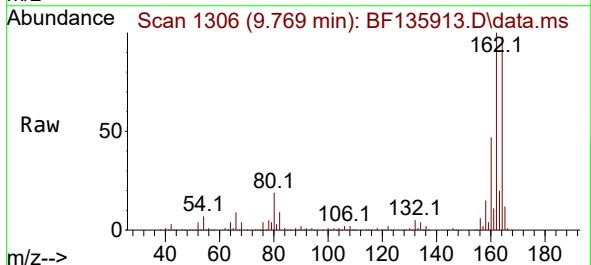
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ClientSampleId :
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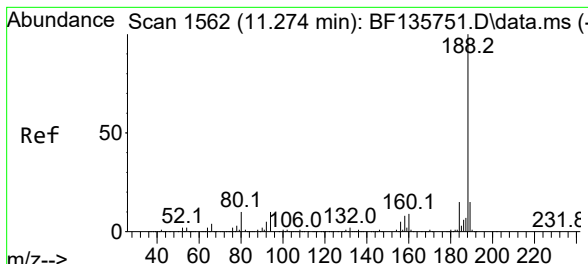
Tgt Ion:165 Resp: 18978
Ion Ratio Lower Upper
165 100
63 1.1 62.2 93.4#
89 1.6 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.776 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.235 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

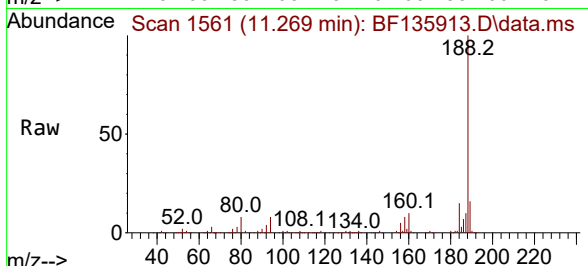
Tgt Ion:165 Resp: 18978
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.4#
89 1.6 55.9 83.9#
182 0.0 2.0 3.0#





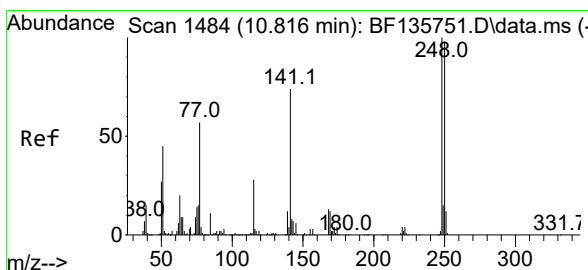
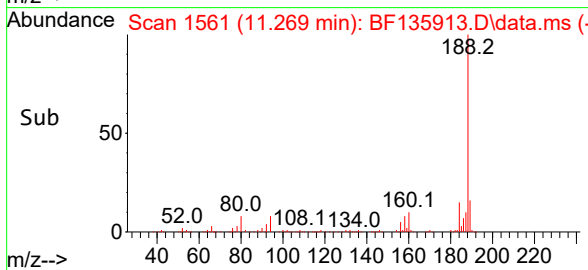
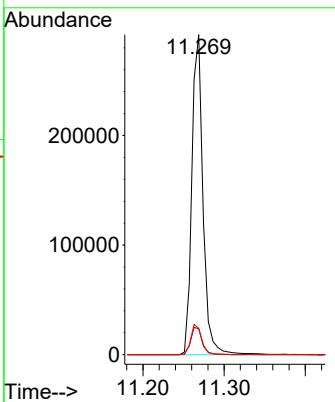
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

Instrument :
BNA_F
ClientSampleId :
PB156255BL



Tgt Ion:188 Resp: 280356

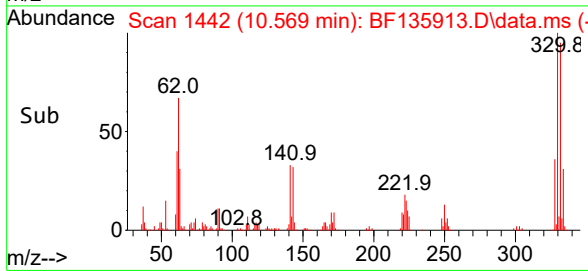
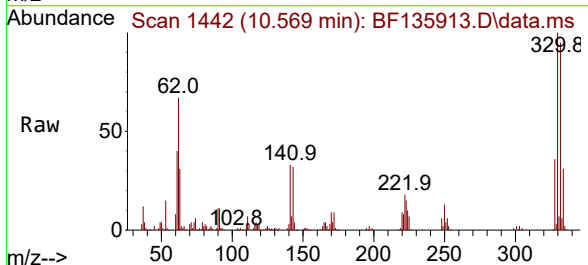
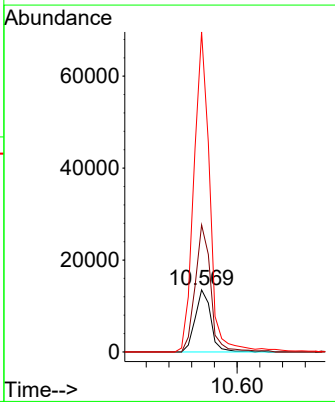
Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.0	12.0
80	8.3	8.3	12.5

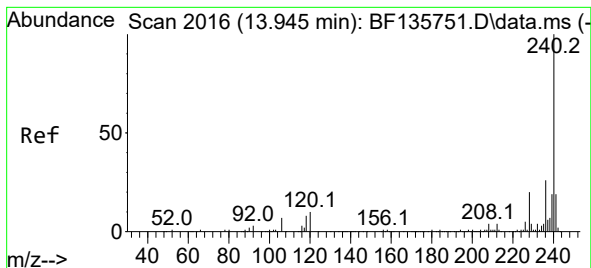


#67
4-Bromophenyl-phenylether
Concen: 4.641 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.253 min
Lab File: BF135913.D
Acq: 20 Oct 2023 17:56

Tgt Ion:248 Resp: 13060

Ion	Ratio	Lower	Upper
248	100		
250	204.6	78.0	117.0
141	515.3	59.0	88.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BF135913.D

Acq: 20 Oct 2023 17:56

Instrument :

BNA_F

ClientSampleId :

PB156255BL

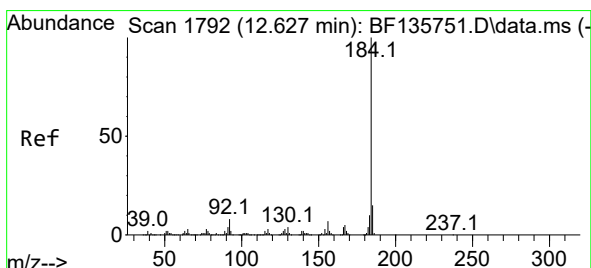
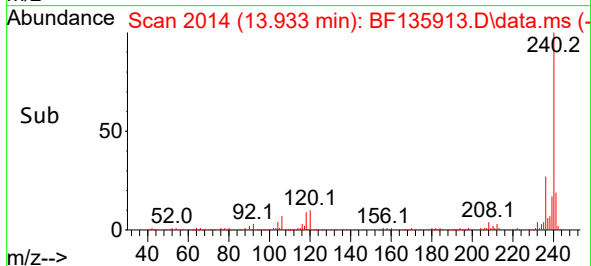
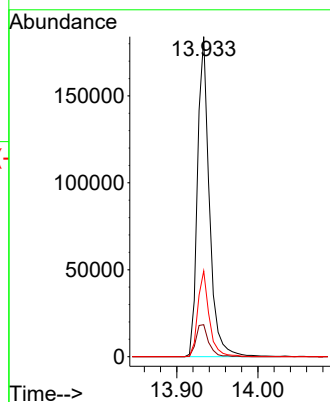
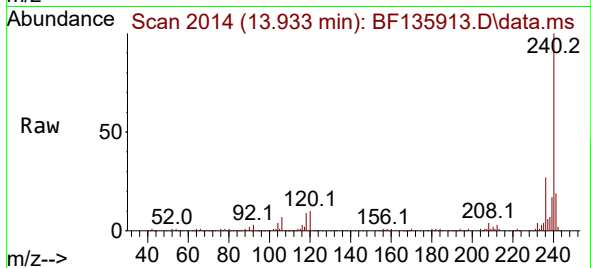
Tgt Ion:240 Resp: 187326

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 26.8 21.2 31.8



#77

Benzidine

Concen: 3.048 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135913.D

Acq: 20 Oct 2023 17:56

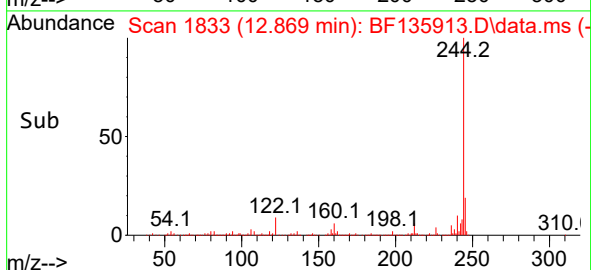
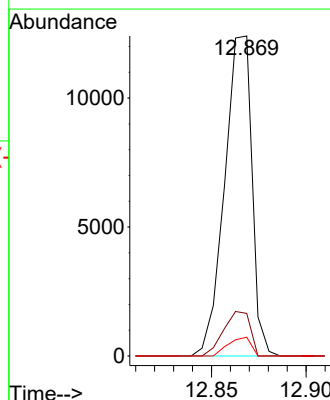
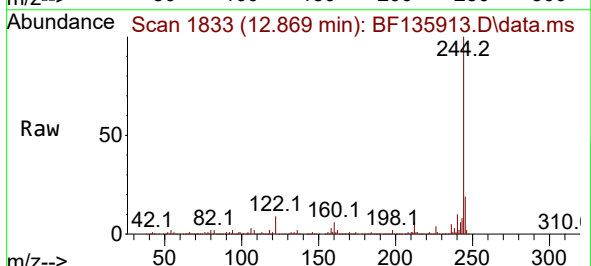
Tgt Ion:184 Resp: 12461

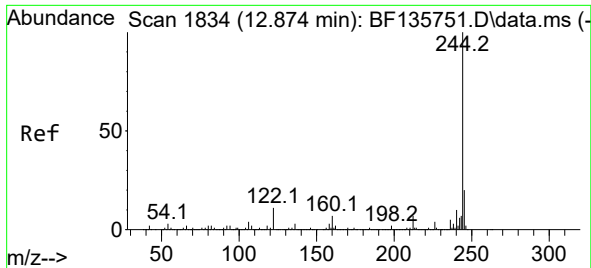
Ion Ratio Lower Upper

184 100

185 13.3 12.0 18.0

183 5.8 8.2 12.2#

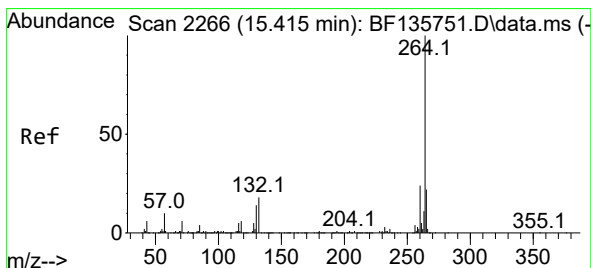
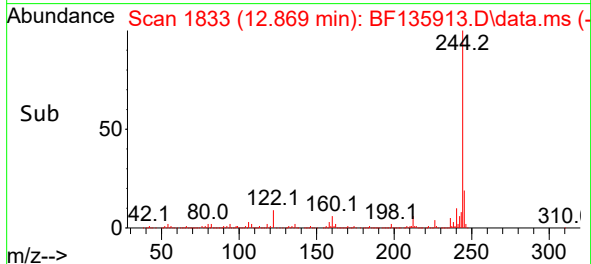
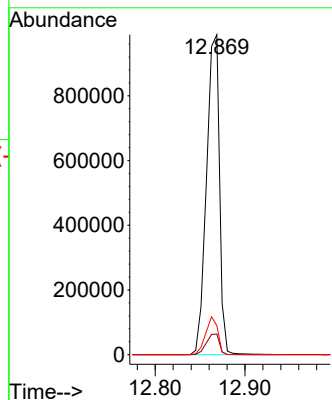
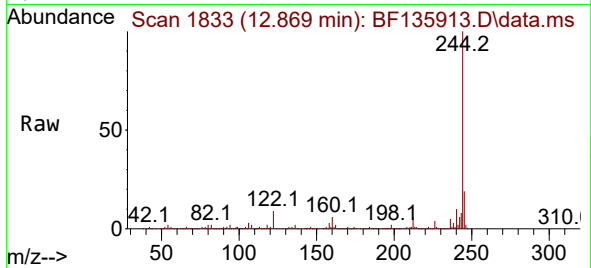




#79
 Terphenyl-d14
 Concen: 98.382 ng
 RT: 12.869 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135913.D
 Acq: 20 Oct 2023 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PB156255BL

Tgt Ion:244 Resp: 995162
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135913.D
 Acq: 20 Oct 2023 17:56

Tgt Ion:264 Resp: 155693
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.9 17.4 26.2

