

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135791.D
 Acq On : 16 Oct 2023 22:55
 Operator : CG\JU
 Sample : 04844-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 01:59:34 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)

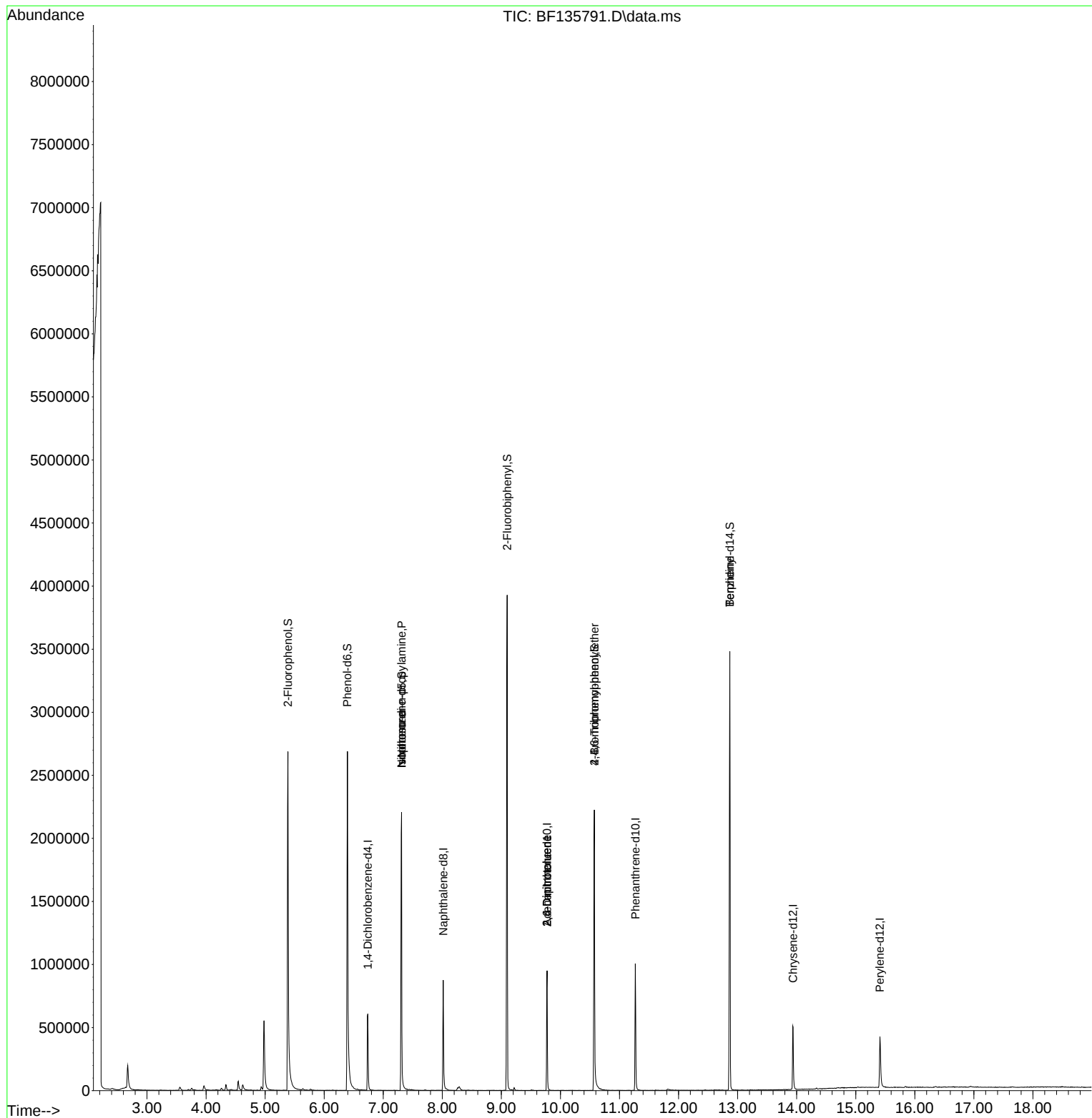
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	100228	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	391613	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	193241	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	382555	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	200469	20.000	ng	-0.01
86) Perylene-d12	15.409	264	220968	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	878357	140.897	ng	0.01
7) Phenol-d6	6.392	99	1019888	131.118	ng	0.00
23) Nitrobenzene-d5	7.310	82	716387	100.611	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	302030	162.881	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1235713	99.981	ng	0.00
79) Terphenyl-d14	12.868	244	1295375	119.665	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	94476	19.644	ng	# 76
25) Isophorone	7.310	82	716383	53.330	ng	# 66
51) 2,6-Dinitrotoluene	9.774	165	24176	8.618	ng	# 16
57) 2,4-Dinitrotoluene	9.774	165	24176	6.774	ng	# 24
67) 4-Bromophenyl-phenylether	10.574	248	18381	4.786	ng	# 1
77) Benzidine	12.868	184	15642	3.576	ng	# 95

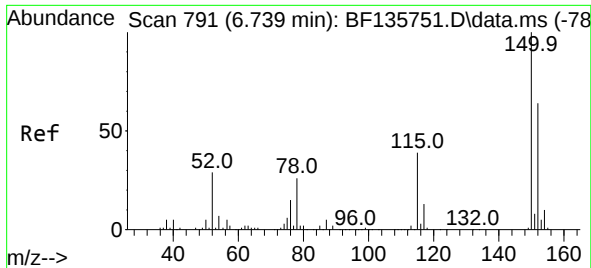
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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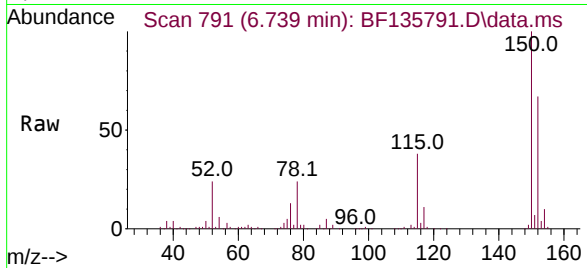
Quant Time: Oct 17 01:59:34 2023
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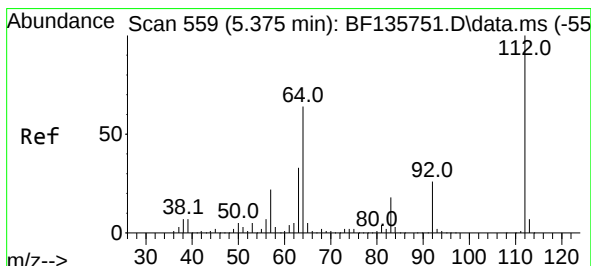
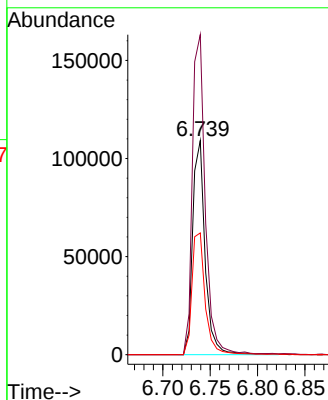
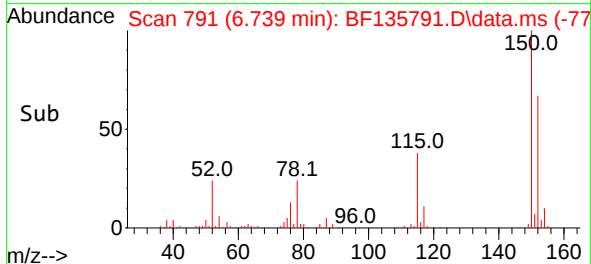


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

Instrument :
BNA_F
ClientSampleId :

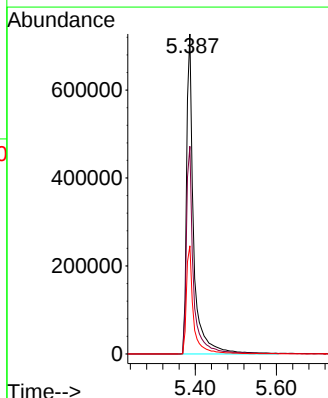
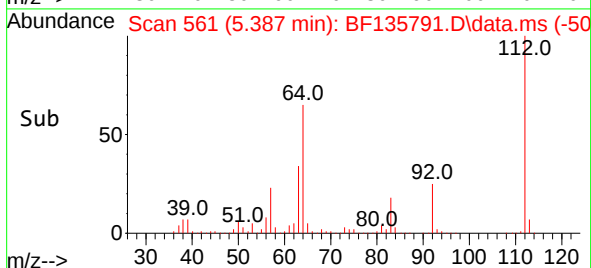
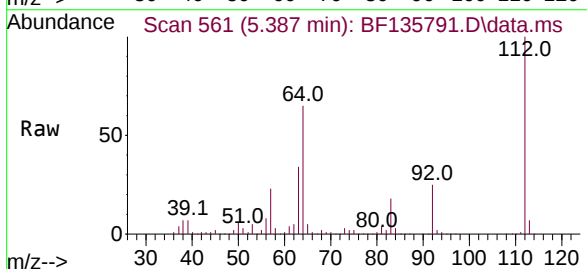


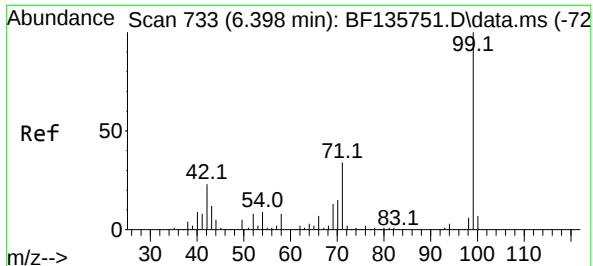
Tgt Ion:152 Resp: 100228
Ion Ratio Lower Upper
152 100
150 149.4 124.5 186.7
115 56.9 49.0 73.4



#5
2-Fluorophenol
Concen: 140.897 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

Tgt Ion:112 Resp: 878357
Ion Ratio Lower Upper
112 100
64 64.9 51.2 76.8
63 33.8 26.1 39.1

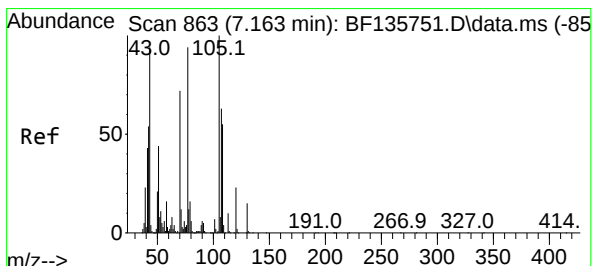
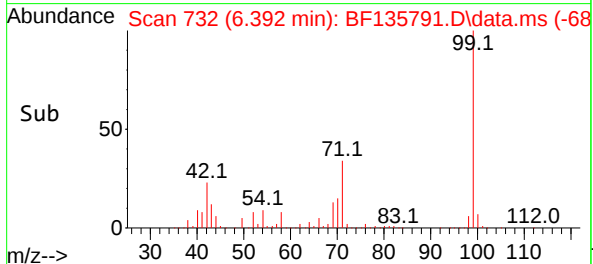
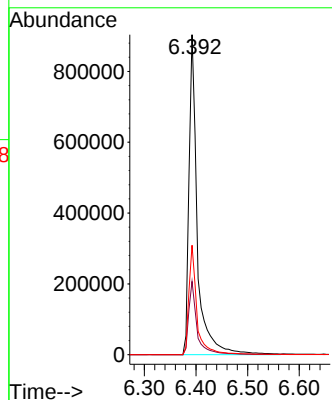
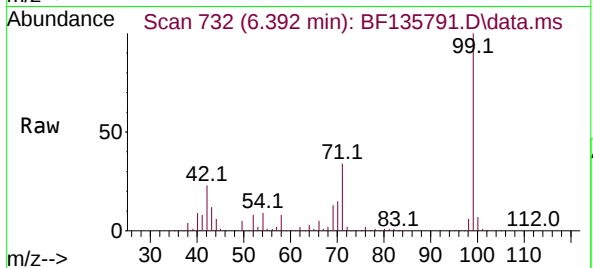




#7
Phenol-d6
Concen: 131.118 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

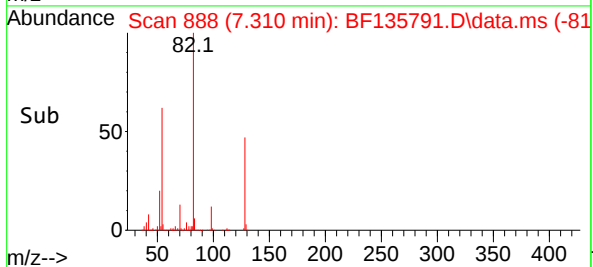
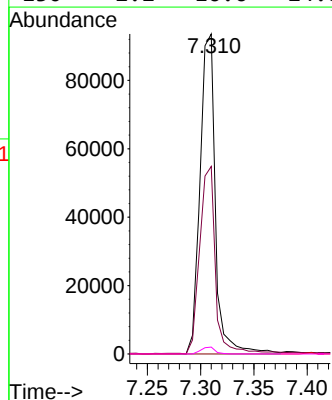
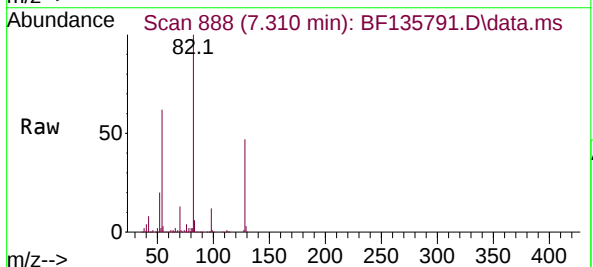
Instrument :
BNA_F
ClientSampleId :

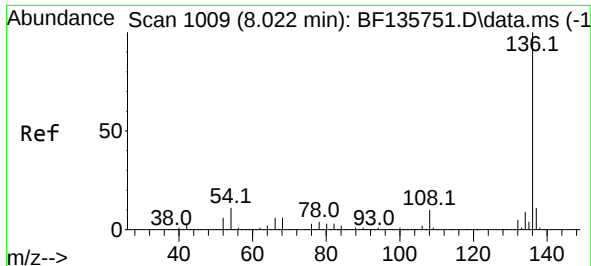
Tgt Ion: 99 Resp: 1019888
Ion Ratio Lower Upper
99 100
42 22.9 18.4 27.6
71 34.2 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.644 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

Tgt Ion: 70 Resp: 94476
Ion Ratio Lower Upper
70 100
42 58.6 59.8 89.6#
101 0.0 7.4 11.2#
130 2.2 16.6 24.8#



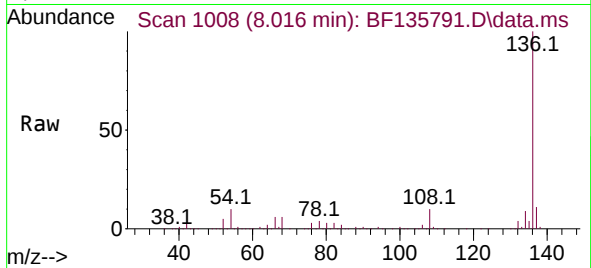


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

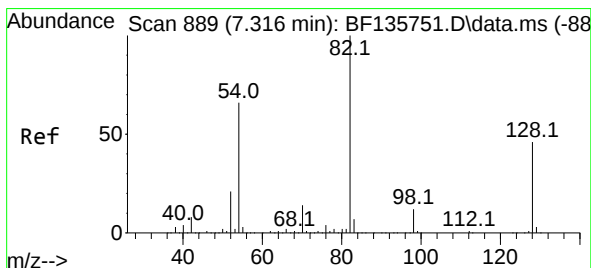
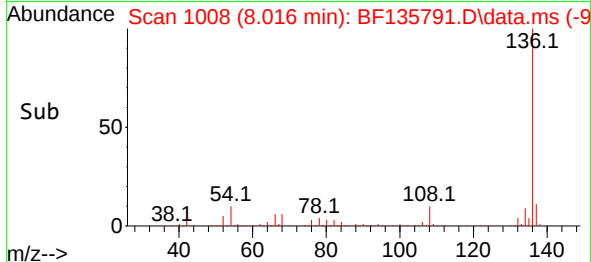
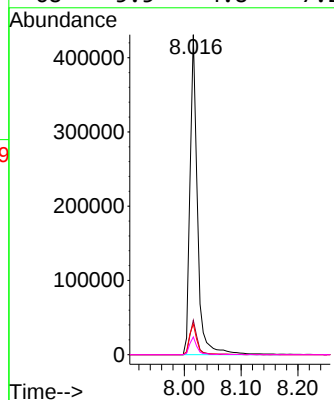
Instrument :

BNA_F

ClientSampleId :

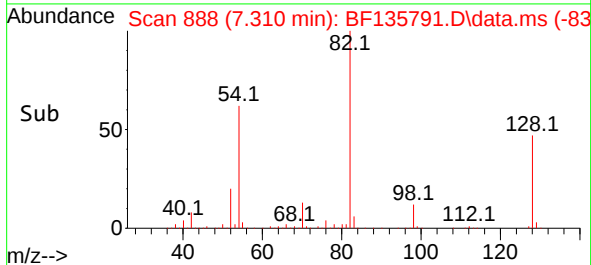
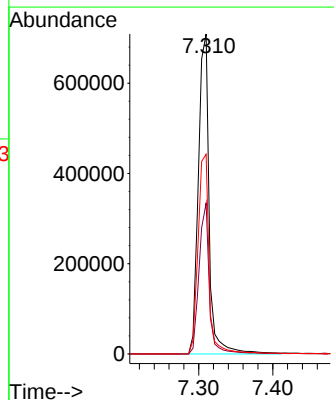
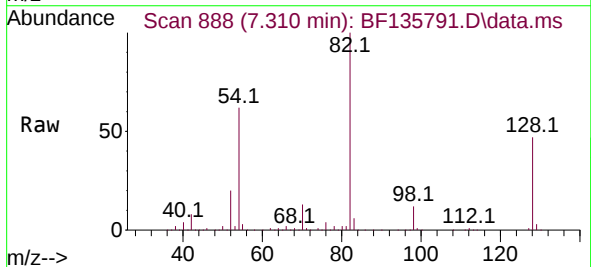


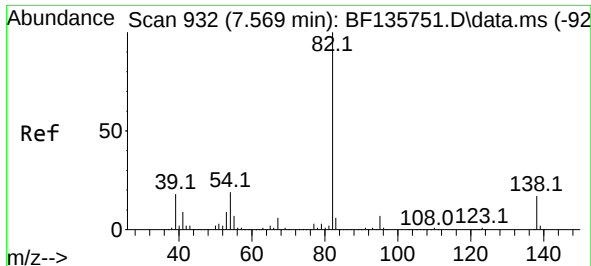
Tgt Ion:136 Resp: 391613
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.6 8.5 12.7
68 5.5 4.8 7.2



#23
Nitrobenzene-d5
Concen: 100.611 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

Tgt Ion: 82 Resp: 716387
Ion Ratio Lower Upper
82 100
128 47.1 37.0 55.6
54 62.4 52.8 79.2

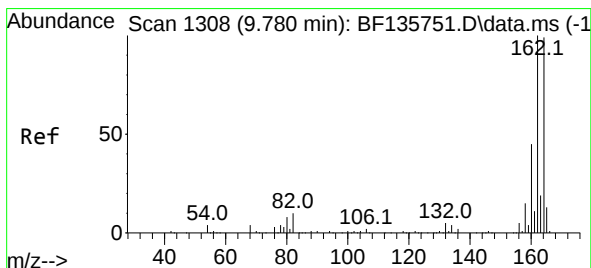
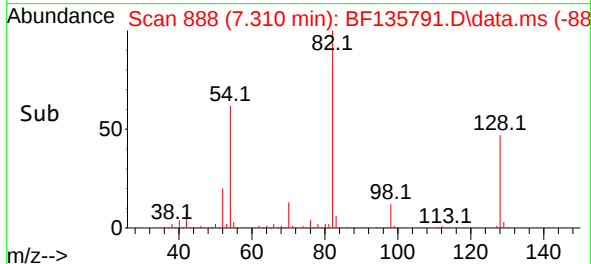
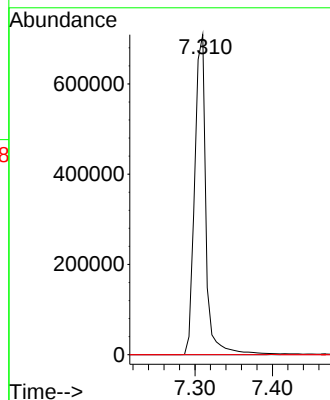
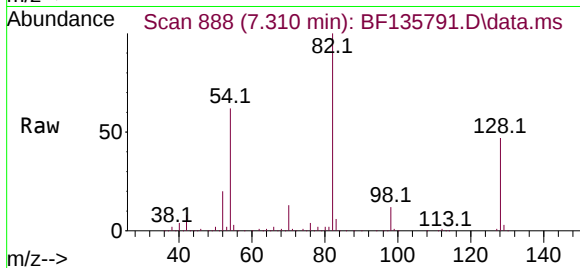




#25
Isophorone
Concen: 53.330 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

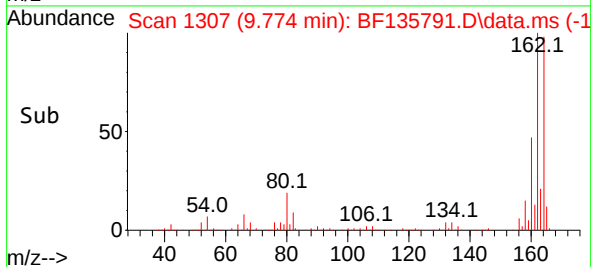
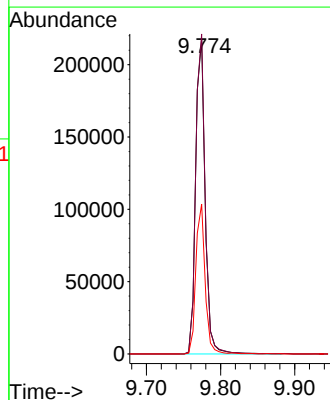
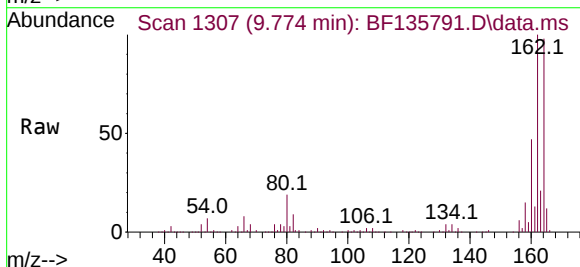
Instrument :
BNA_F
ClientSampleId :

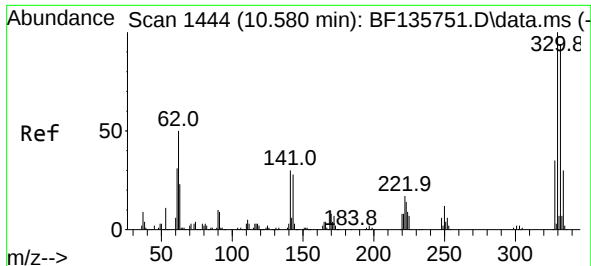
Tgt Ion: 82 Resp: 716383
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

Tgt Ion:164 Resp: 193241
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 47.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 162.881 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

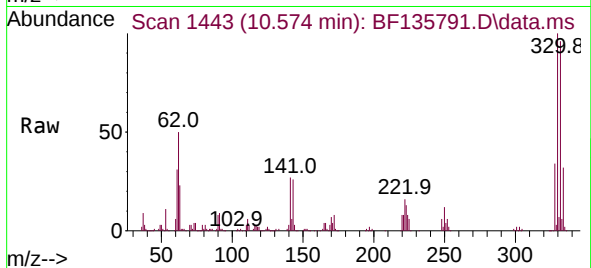
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Acq: 16 Oct 2023 22:55

Instrument :

BNA_F

ClientSampleId :



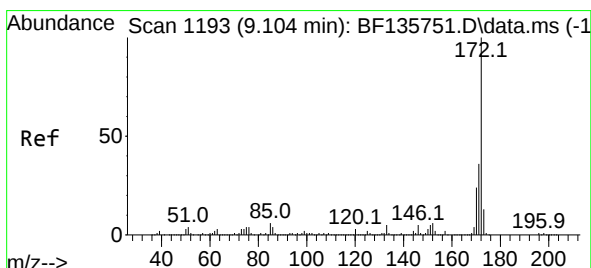
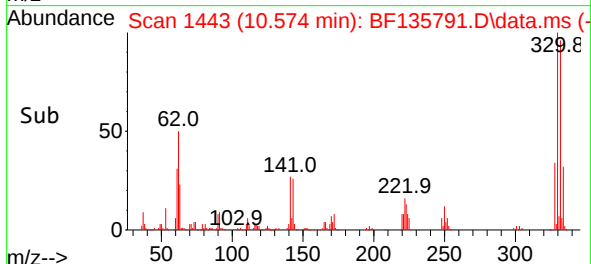
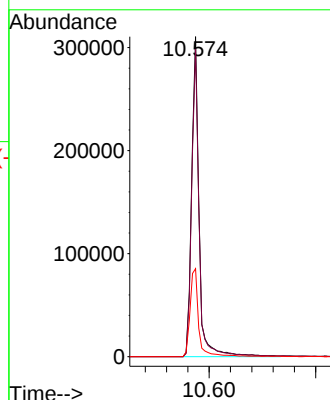
Tgt Ion:330 Resp: 302030

Ion Ratio Lower Upper

330 100

332 95.9 75.0 112.4

141 31.8 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 99.981 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135791.D

Acq: 16 Oct 2023 22:55

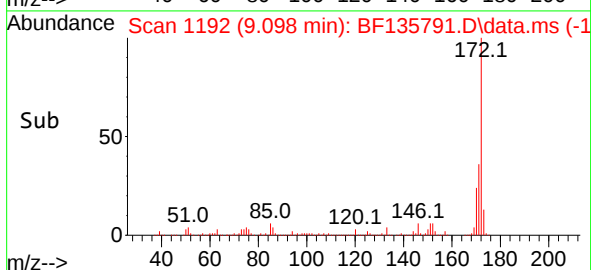
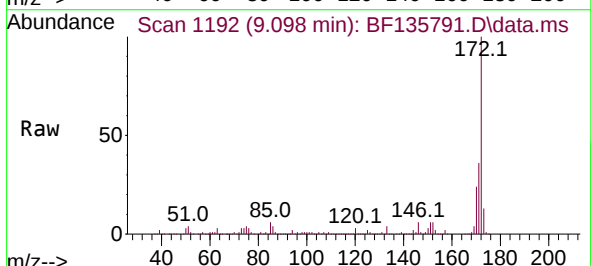
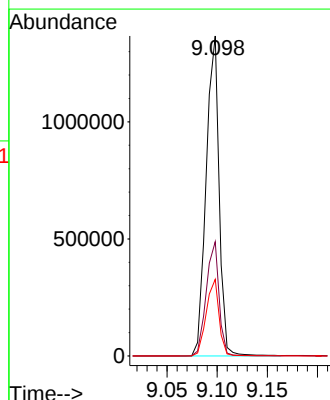
Tgt Ion:172 Resp: 1235713

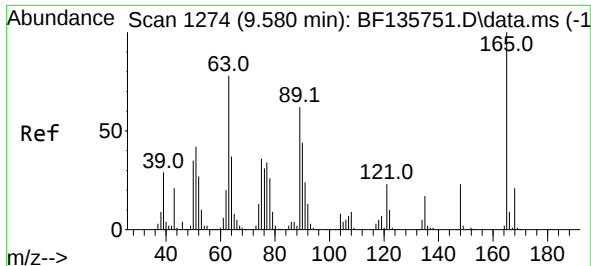
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

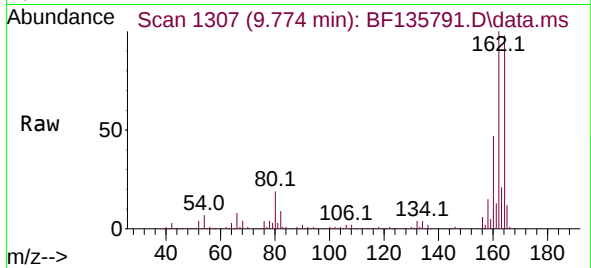
170 24.0 18.8 28.2



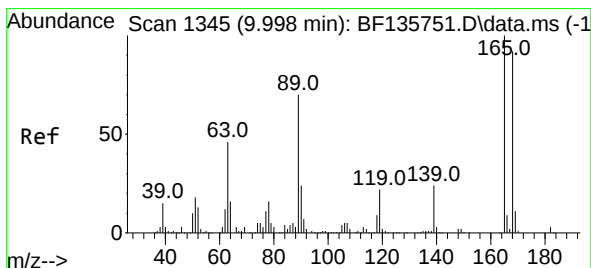
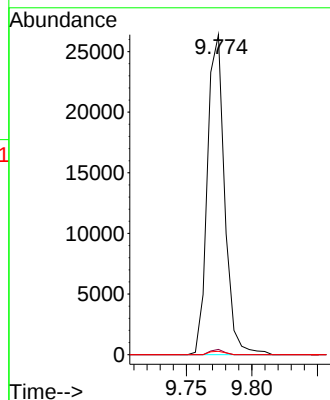
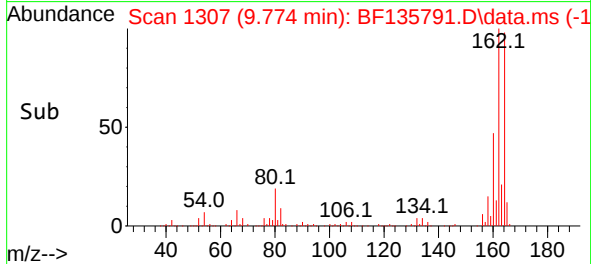


#51
2,6-Dinitrotoluene
Concen: 8.618 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

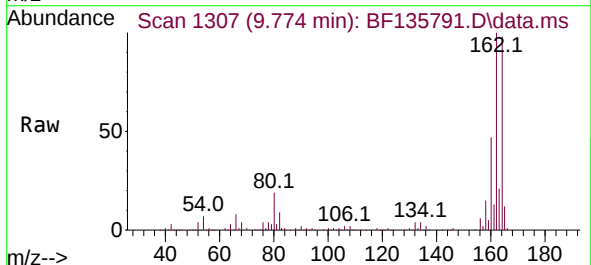
Instrument :
BNA_F
ClientSampleId :



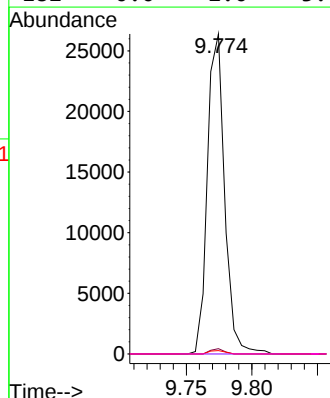
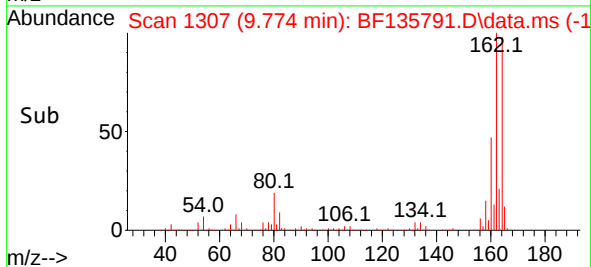
Tgt Ion:165 Resp: 24176
Ion Ratio Lower Upper
165 100
63 1.7 62.2 93.4#
89 1.1 49.6 74.4#

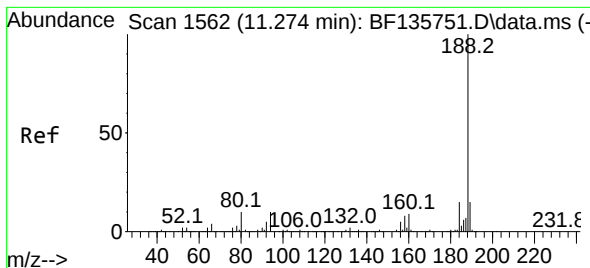


#57
2,4-Dinitrotoluene
Concen: 6.774 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55



Tgt Ion:165 Resp: 24176
Ion Ratio Lower Upper
165 100
63 1.7 39.0 58.4#
89 1.1 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: BF135791.D

Acq: 16 Oct 2023 22:55

Instrument :

BNA_F

ClientSampleId :

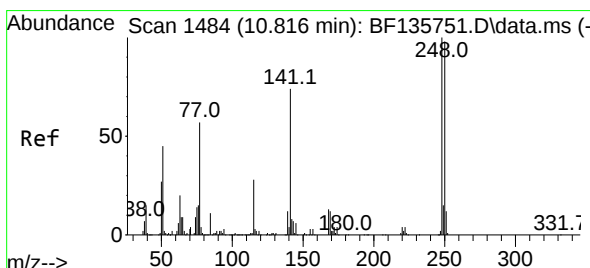
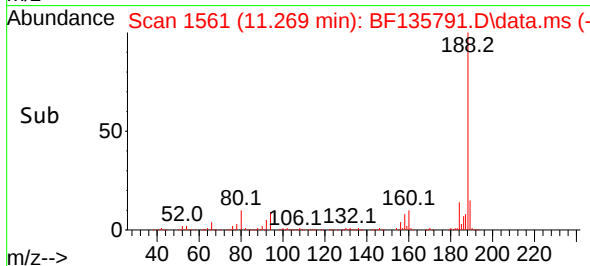
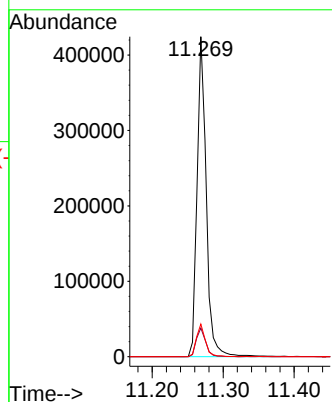
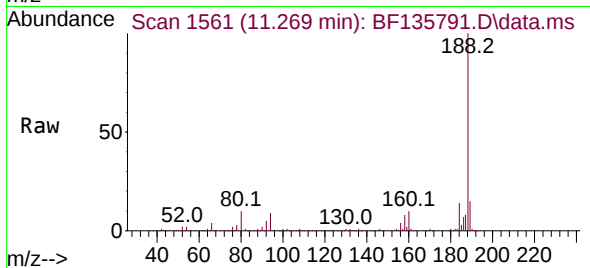
Tgt Ion:188 Resp: 382555

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

80 10.2 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.786 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135791.D

Acq: 16 Oct 2023 22:55

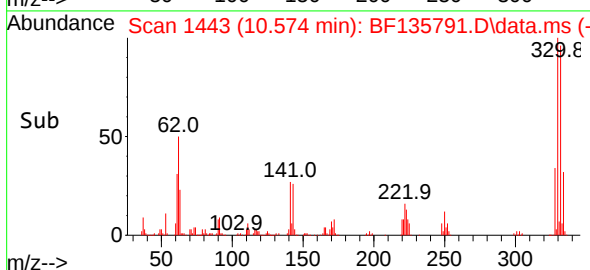
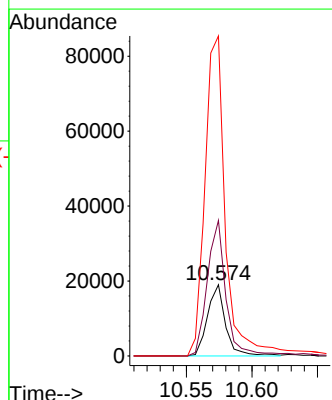
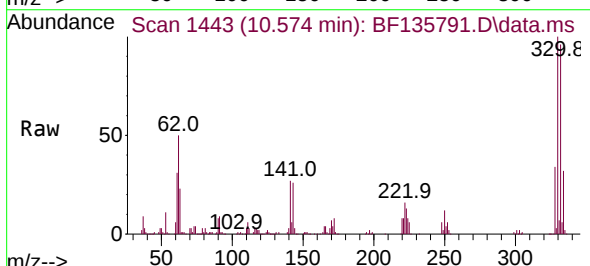
Tgt Ion:248 Resp: 18381

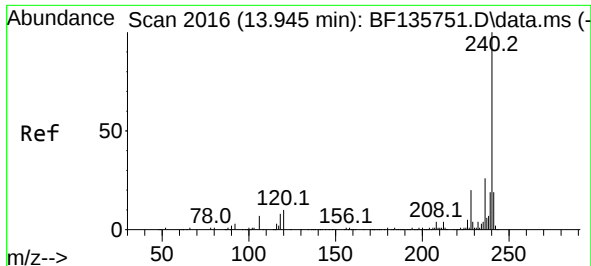
Ion Ratio Lower Upper

248 100

250 190.5 78.0 117.0#

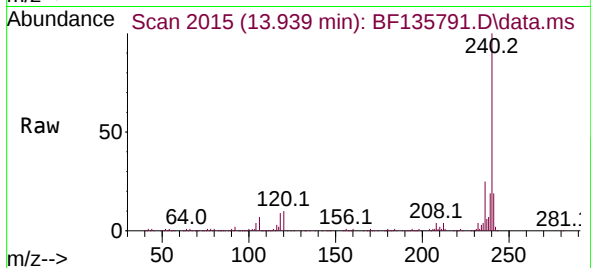
141 449.7 59.0 88.6#



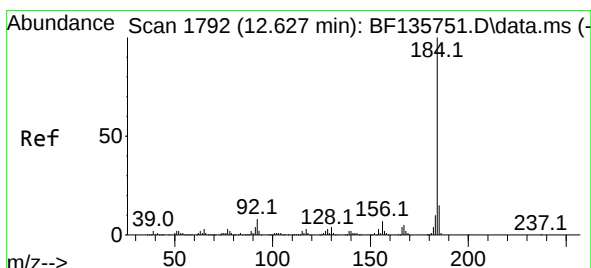
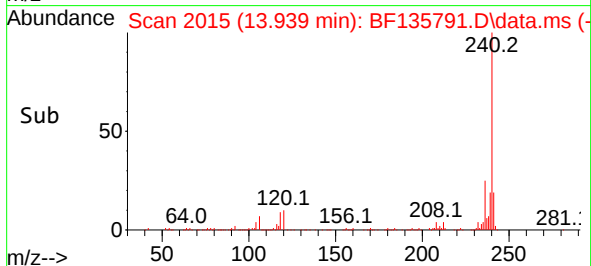
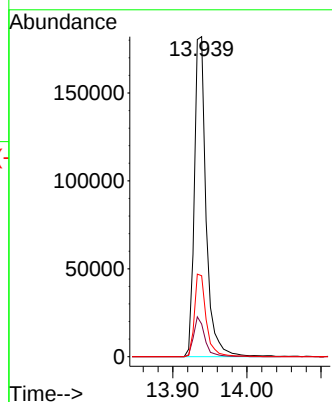


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

Instrument :
BNA_F
ClientSampleId :

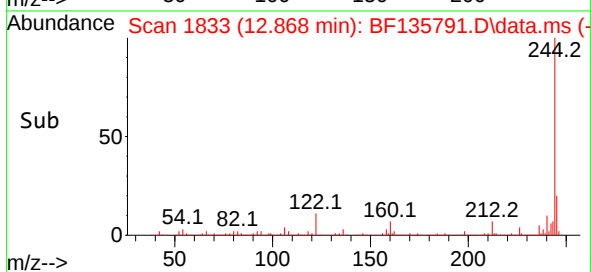
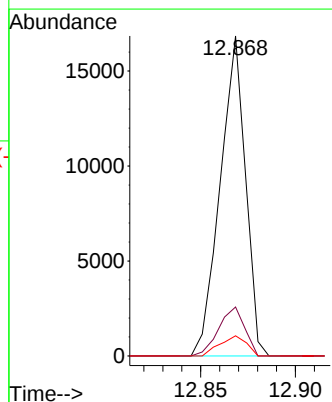
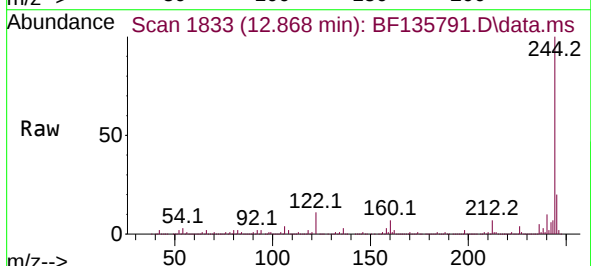


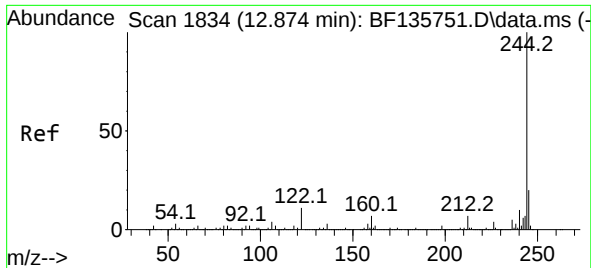
Tgt Ion:240 Resp: 200469
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 25.3 21.2 31.8



#77
Benzidine
Concen: 3.576 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.235 min
Lab File: BF135791.D
Acq: 16 Oct 2023 22:55

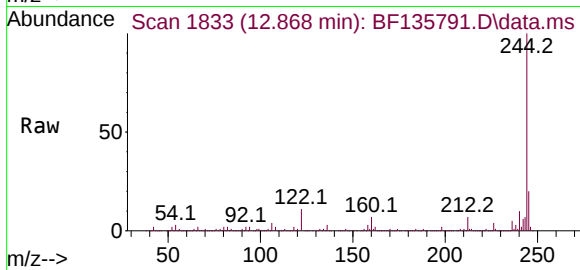
Tgt Ion:184 Resp: 15642
Ion Ratio Lower Upper
184 100
185 15.3 12.0 18.0
183 6.3 8.2 12.2#



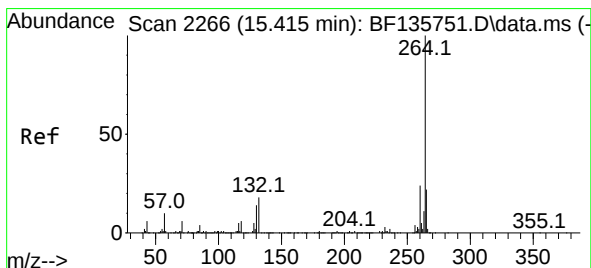
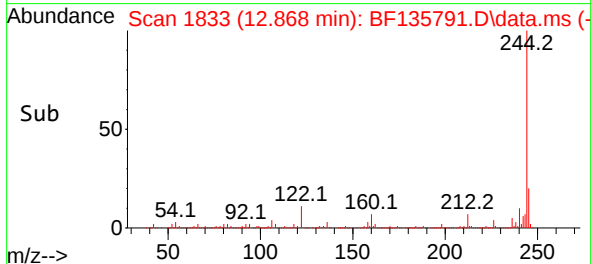
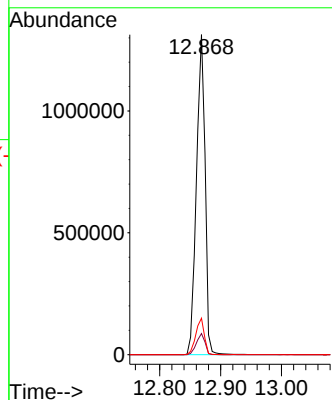


#79
 Terphenyl-d14
 Concen: 119.665 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135791.D
 Acq: 16 Oct 2023 22:55

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1295375
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.4 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135791.D
 Acq: 16 Oct 2023 22:55

Tgt Ion:264 Resp: 220968
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.5 17.4 26.2

