

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135566.D
 Acq On : 04 Oct 2023 12:22
 Operator : CG\JU
 Sample : 04652-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IS1-COMP

Quant Time: Oct 04 13:07:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

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

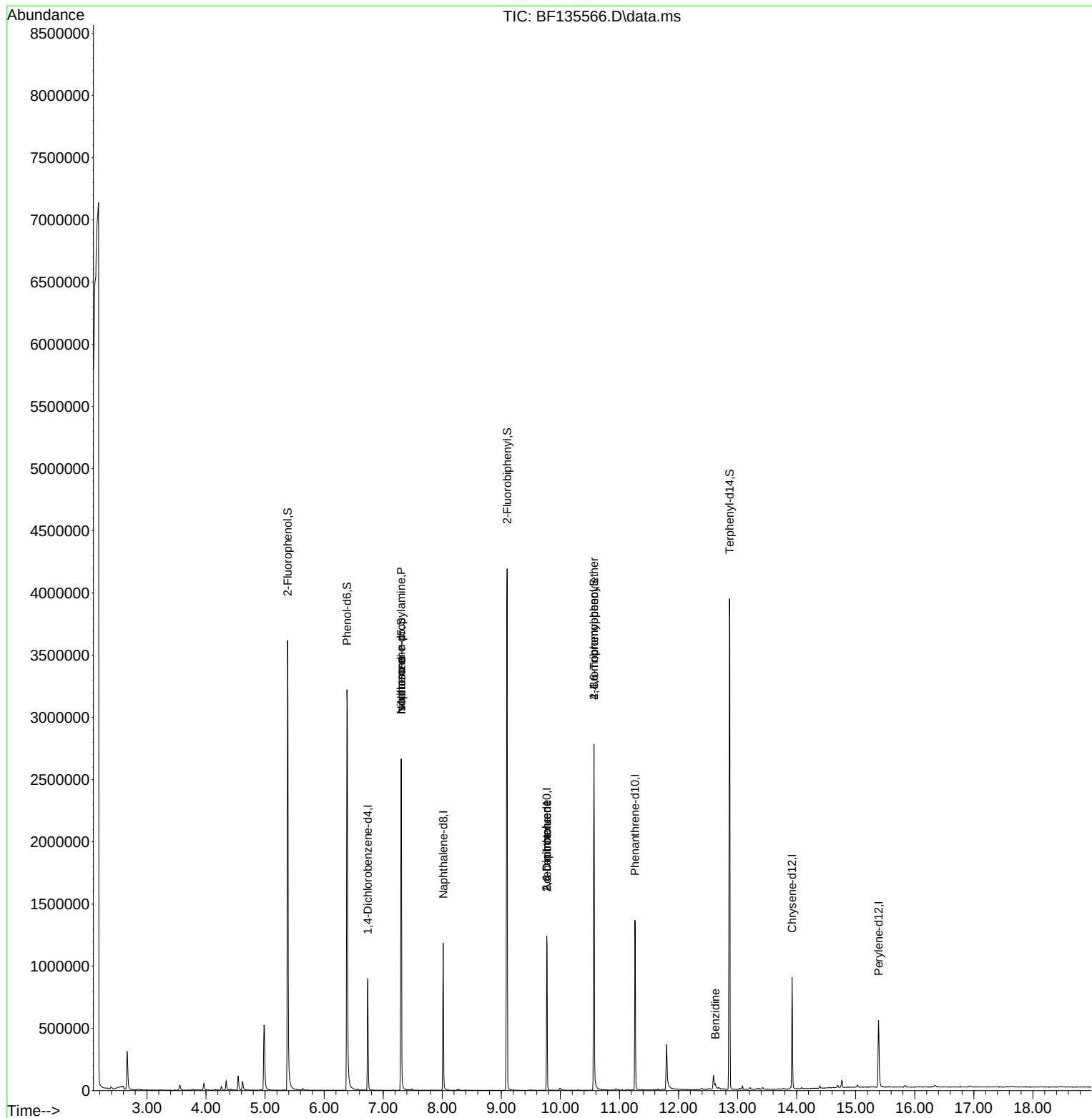
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	137020	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	515632	20.000	ng	-0.01
39) Acenaphthene-d10	9.769	164	259276	20.000	ng	-0.02
64) Phenanthrene-d10	11.263	188	504694	20.000	ng	#-0.01
76) Chrysene-d12	13.922	240	294062	20.000	ng	-0.01
86) Perylene-d12	15.386	264	260467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1064790	126.392	ng	0.00
7) Phenol-d6	6.387	99	1247625	116.467	ng	-0.02
23) Nitrobenzene-d5	7.304	82	912603	96.156	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	343398	133.277	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1488166	86.596	ng	-0.01
79) Terphenyl-d14	12.863	244	1608787	84.810	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	122200	18.417	ng	# 82
25) Isophorone	7.304	82	912595	52.365	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	33510	8.726	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	33510	6.970	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	21620	4.307	ng	# 1
77) Benzidine	12.622	184	13298	2.207	ng	# 92

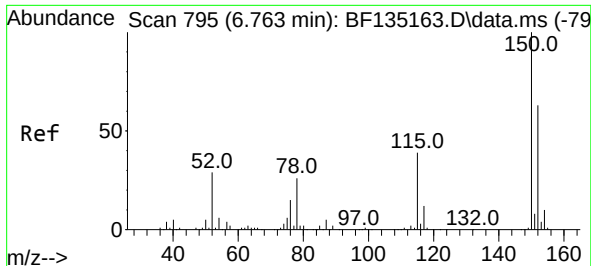
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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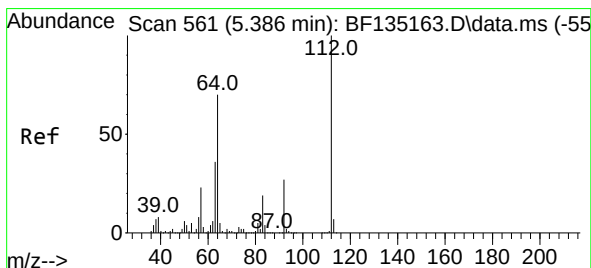
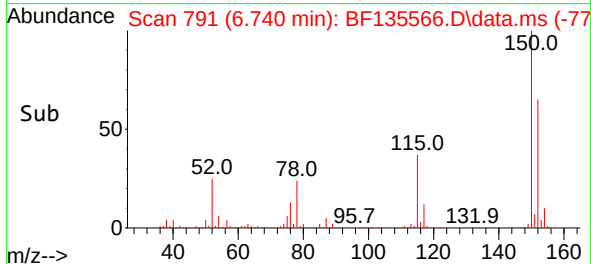
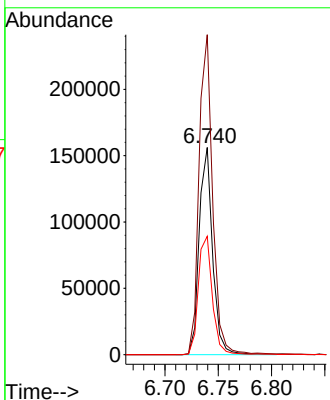
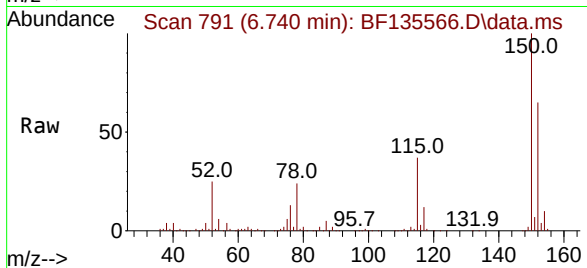




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BF135566.D
 Acq: 04 Oct 2023 12:22

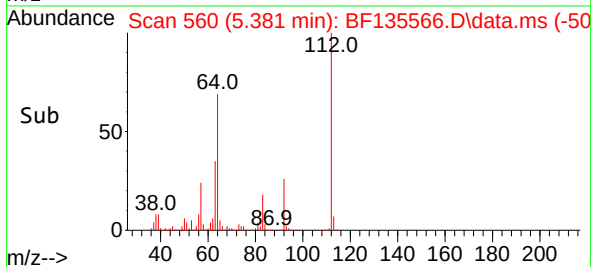
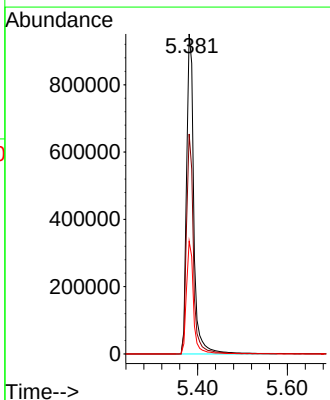
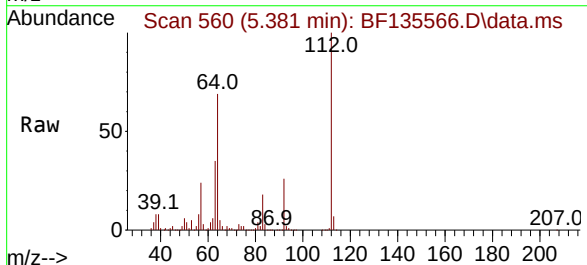
Instrument :
 BNA_F
 ClientSampleId :
 IS1-COMP

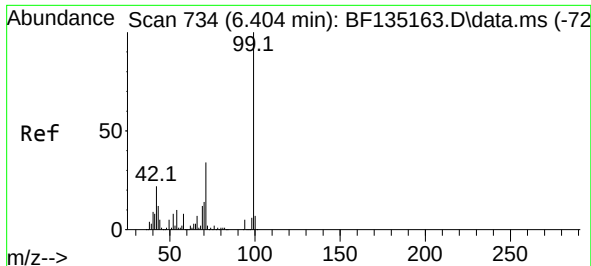
Tgt Ion:152 Resp: 137020
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.8 191.6
 115 57.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 126.392 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: BF135566.D
 Acq: 04 Oct 2023 12:22

Tgt Ion:112 Resp: 1064790
 Ion Ratio Lower Upper
 112 100
 64 68.7 55.9 83.9
 63 35.2 29.0 43.6

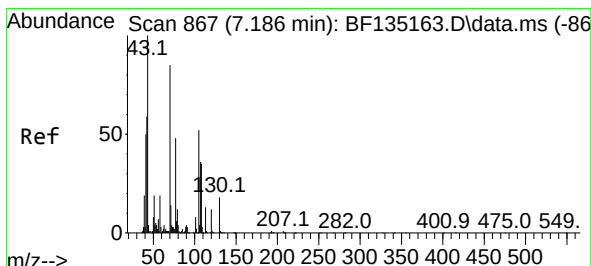
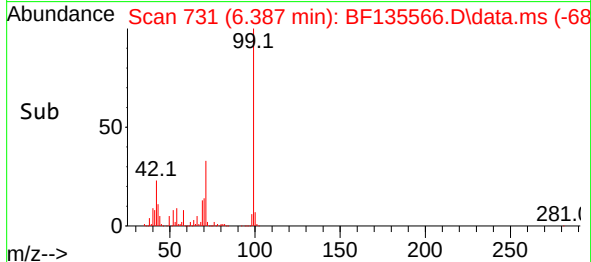
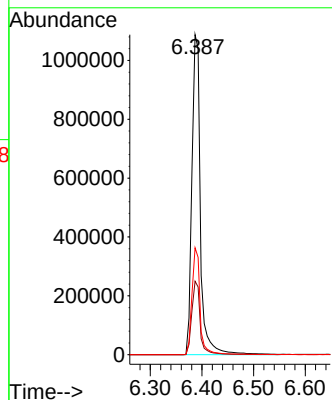
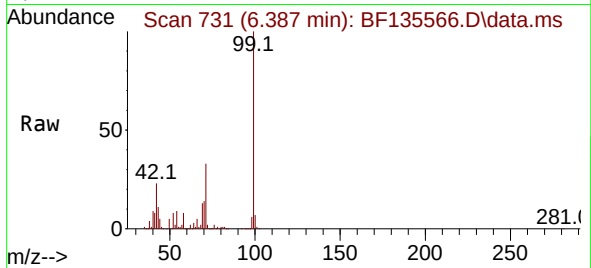




#7
Phenol-d6
Concen: 116.467 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

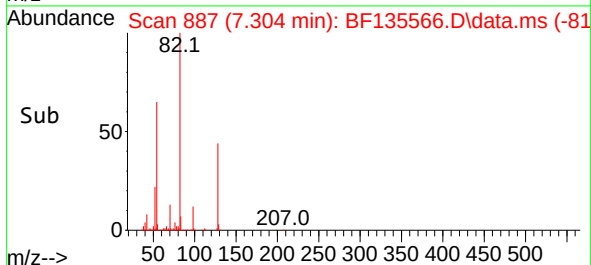
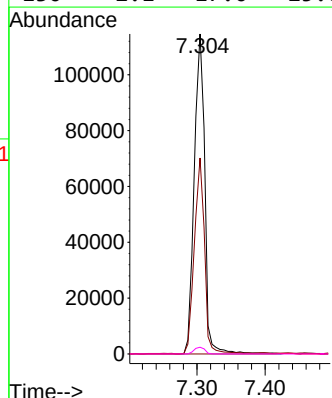
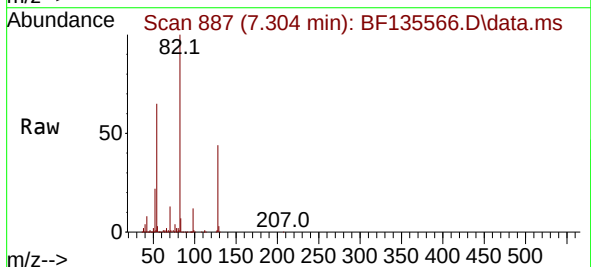
Instrument :
BNA_F
ClientSampleId :
IS1-COMP

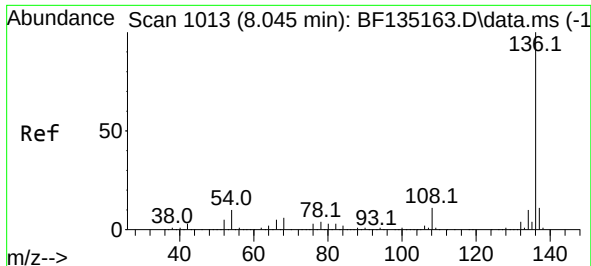
Tgt Ion: 99 Resp: 1247625
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 33.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.417 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.135 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

Tgt Ion: 70 Resp: 122200
Ion Ratio Lower Upper
70 100
42 61.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

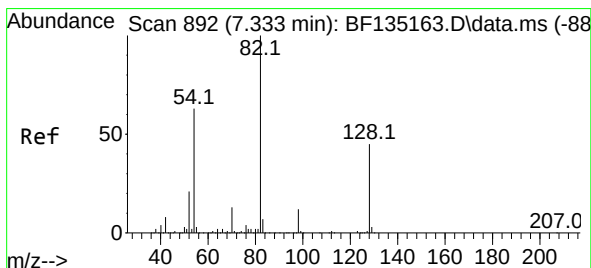
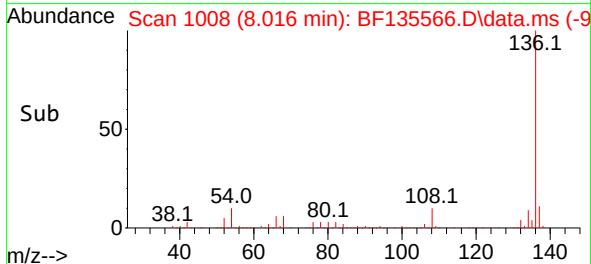
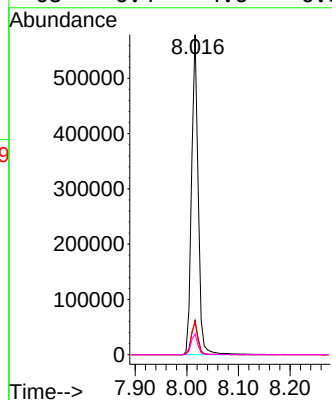
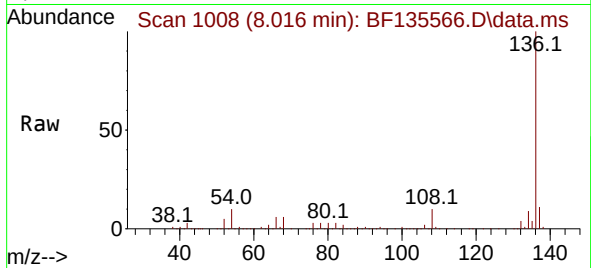




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

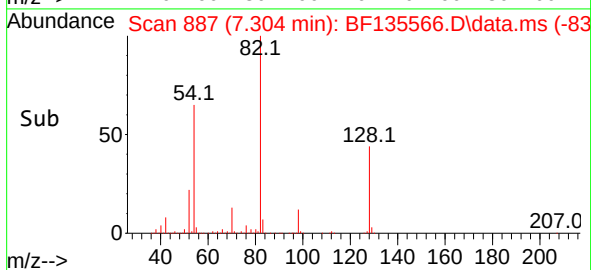
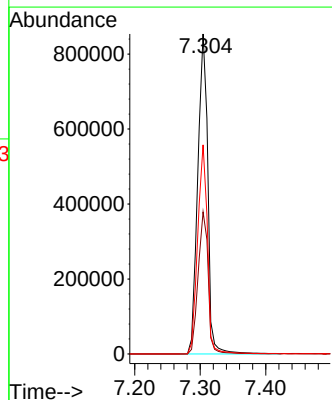
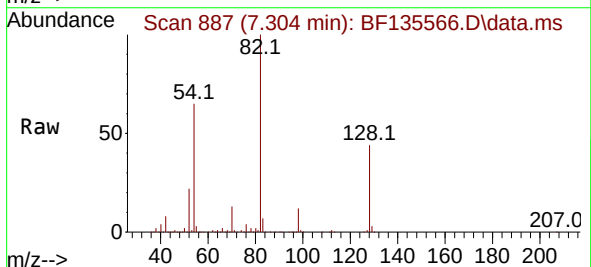
Instrument :
BNA_F
ClientSampleId :
IS1-COMP

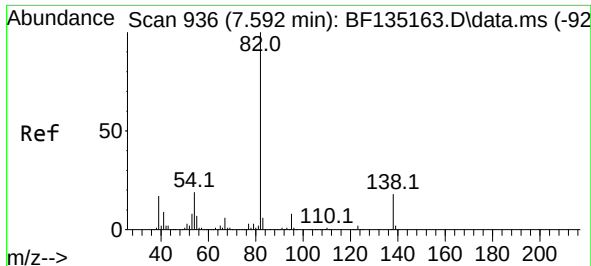
Tgt Ion:136 Resp: 515632
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.1 7.7 11.5
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 96.156 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.018 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

Tgt Ion: 82 Resp: 912603
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.6
54 65.3 50.6 76.0

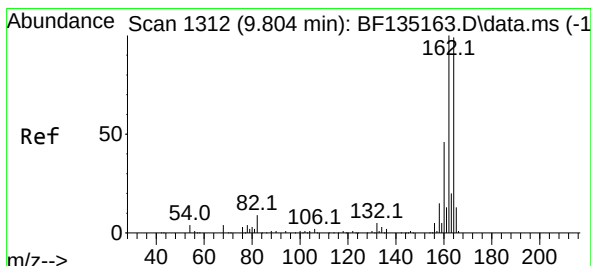
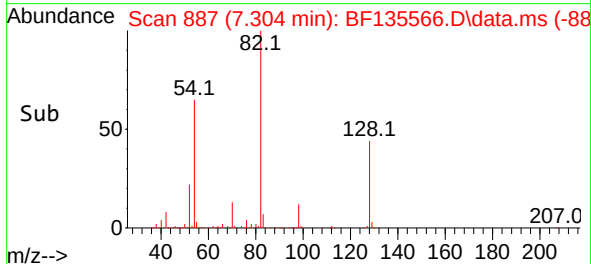
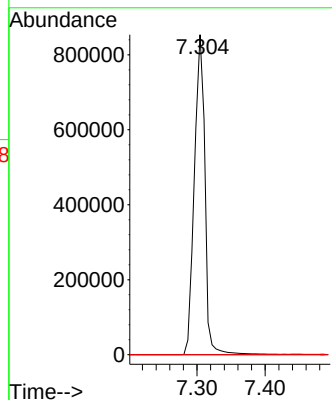
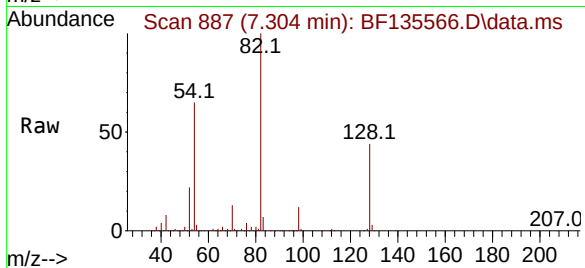




#25
Isophorone
Concen: 52.365 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

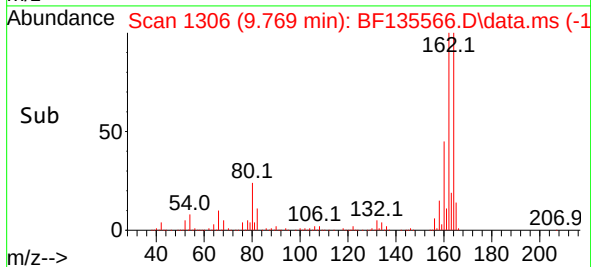
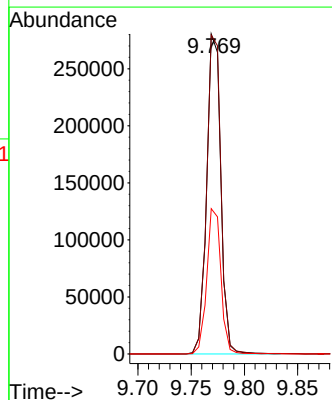
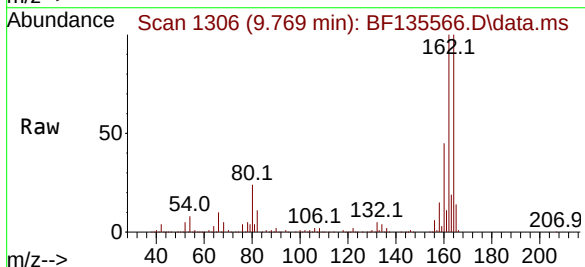
Instrument :
BNA_F
ClientSampleId :
IS1-COMP

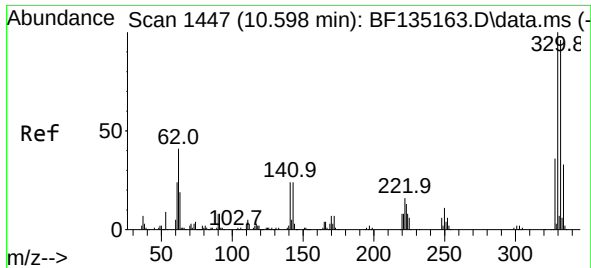
Tgt Ion: 82 Resp: 912595
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

Tgt Ion:164 Resp: 259276
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 45.4 37.0 55.4

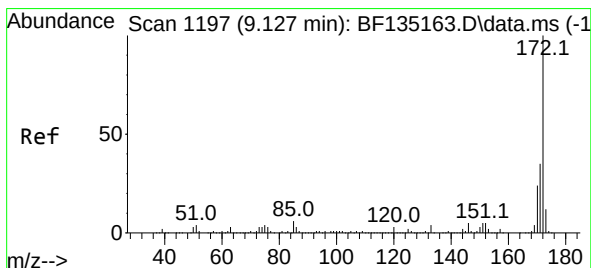
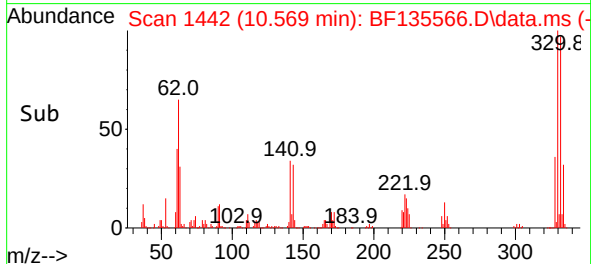
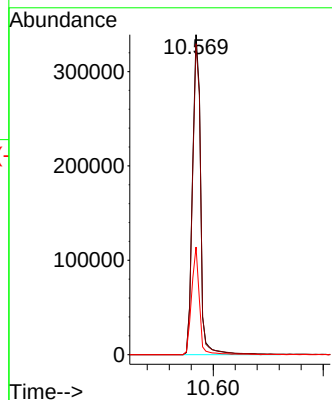
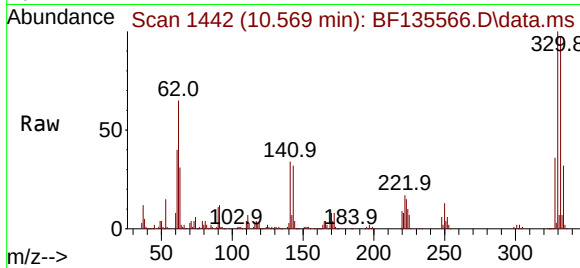




#42
2,4,6-Tribromophenol
Concen: 133.277 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

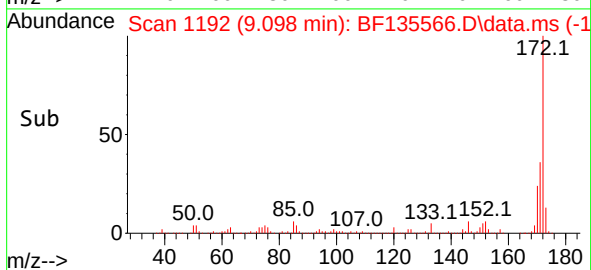
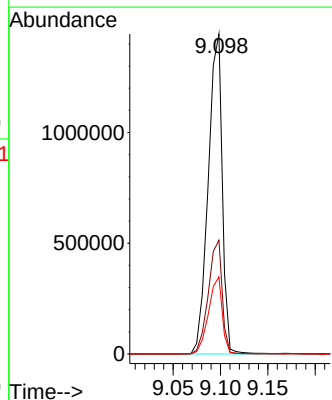
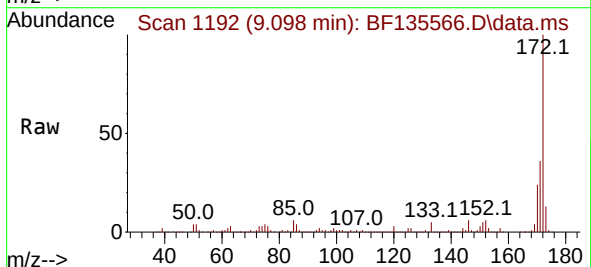
Instrument :
BNA_F
ClientSampleId :
IS1-COMP

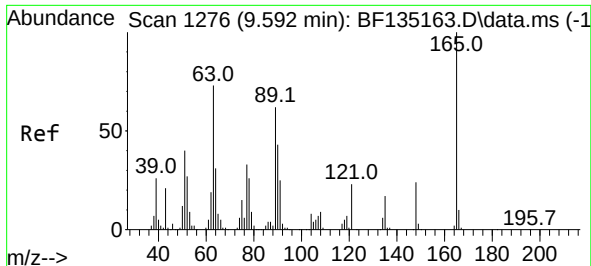
Tgt Ion:330 Resp: 343398
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 32.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 86.596 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

Tgt Ion:172 Resp: 1488166
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.1 19.0 28.4

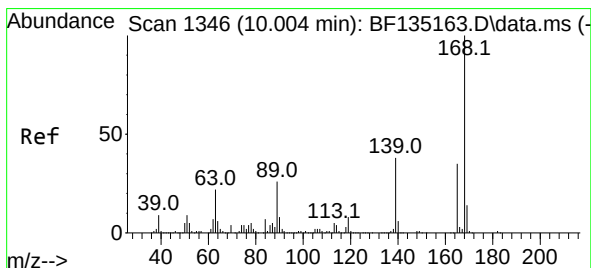
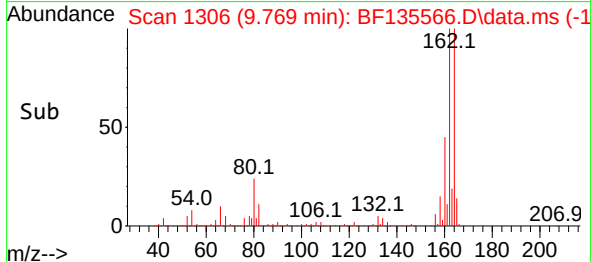
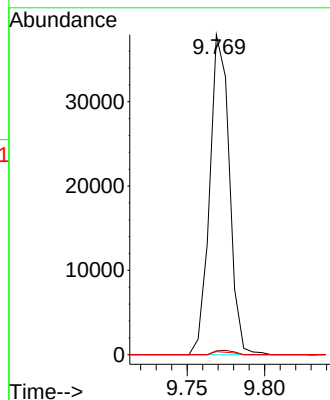
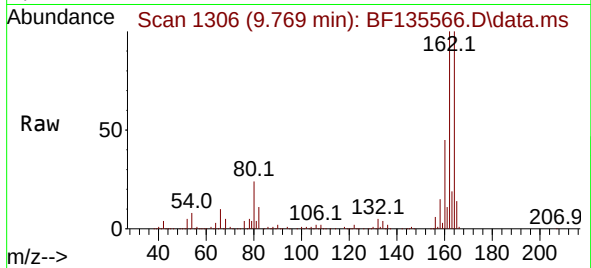




#51
2,6-Dinitrotoluene
Concen: 8.726 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.182 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

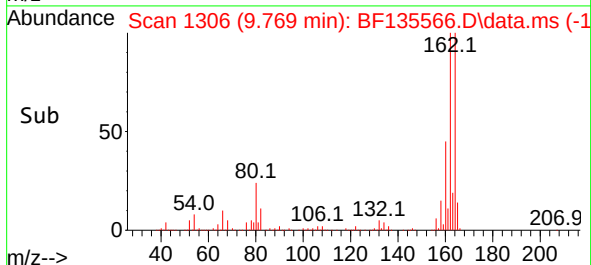
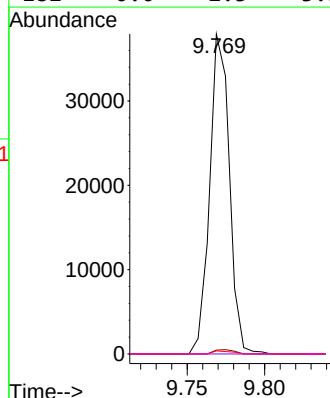
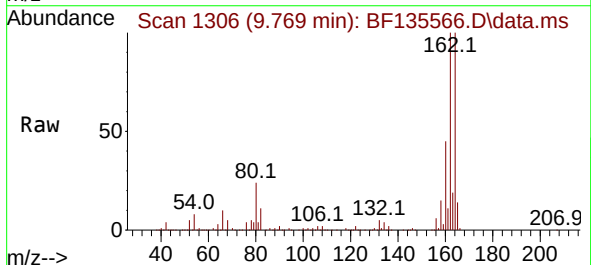
Instrument :
BNA_F
ClientSampleId :
IS1-COMP

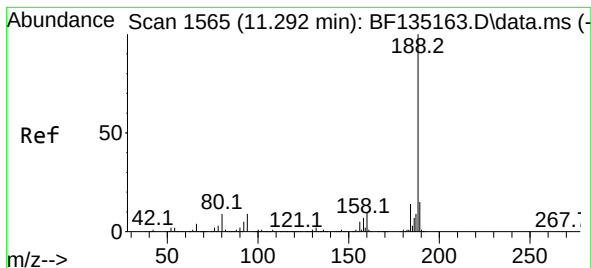
Tgt Ion:165 Resp: 33510
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.0 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.970 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.223 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

Tgt Ion:165 Resp: 33510
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.0 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135566.D

Acq: 04 Oct 2023 12:22

Instrument :

BNA_F

ClientSampleId :

IS1-COMP

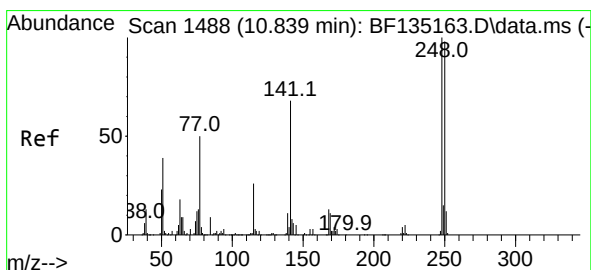
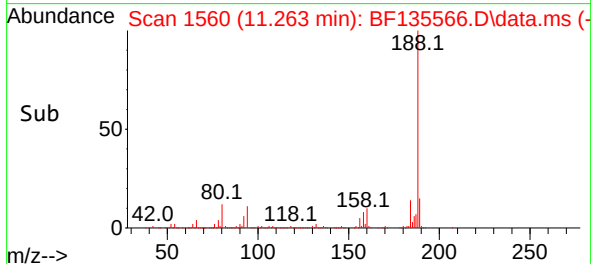
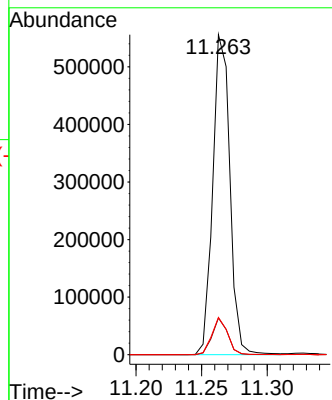
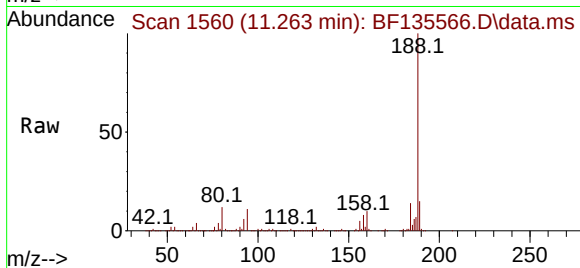
Tgt Ion:188 Resp: 504694

Ion Ratio Lower Upper

188 100

94 11.4 7.0 10.6#

80 11.7 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 4.307 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.253 min

Lab File: BF135566.D

Acq: 04 Oct 2023 12:22

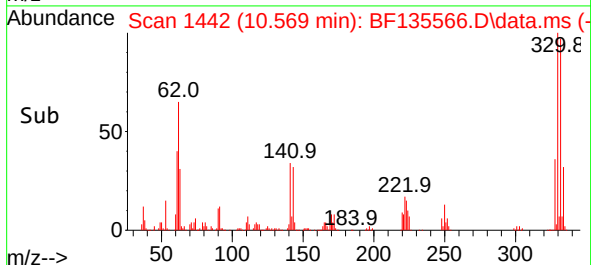
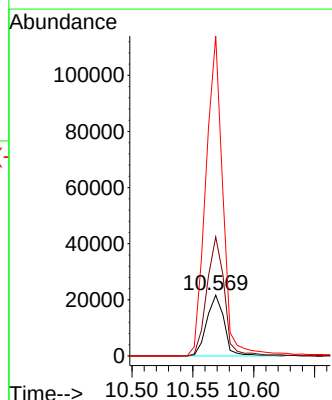
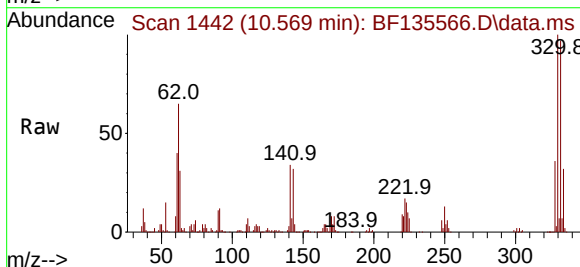
Tgt Ion:248 Resp: 21620

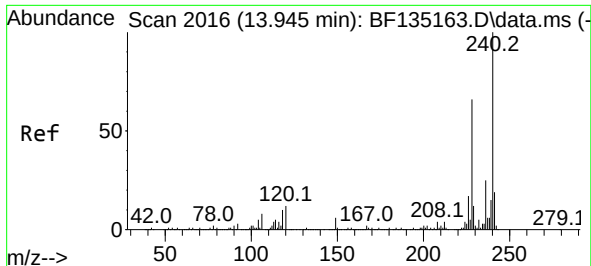
Ion Ratio Lower Upper

248 100

250 195.9 78.6 117.8#

141 526.9 54.2 81.2#

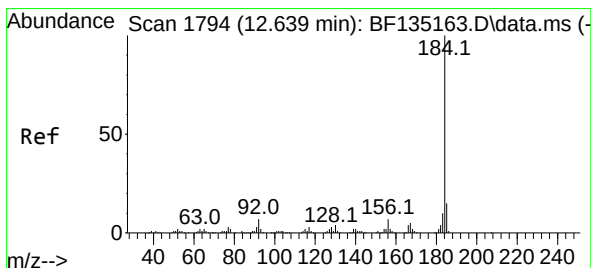
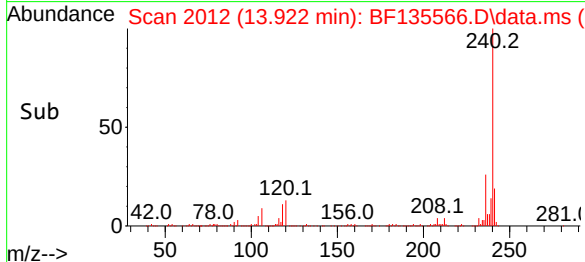
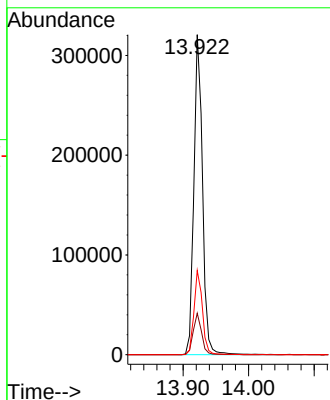
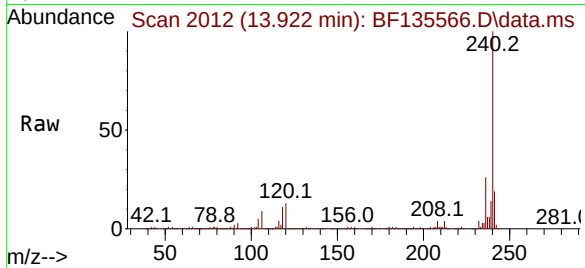




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.922 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

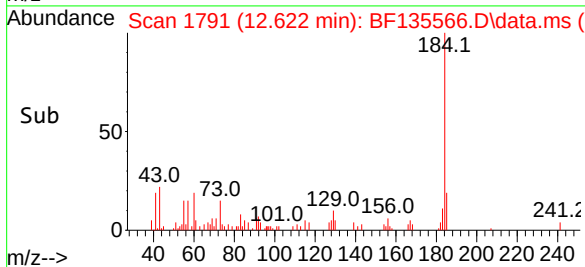
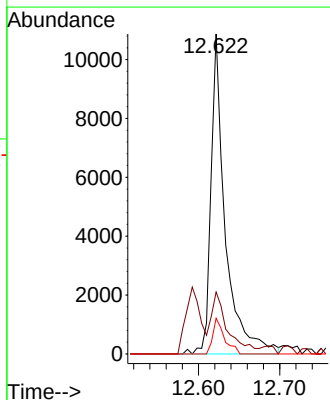
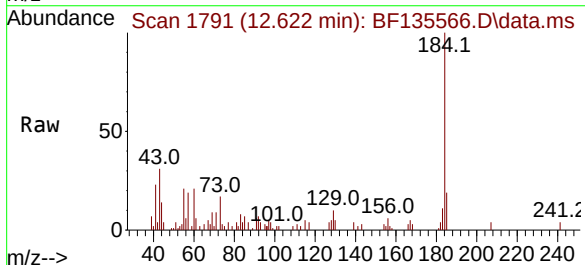
Instrument :
BNA_F
ClientSampleId :
IS1-COMP

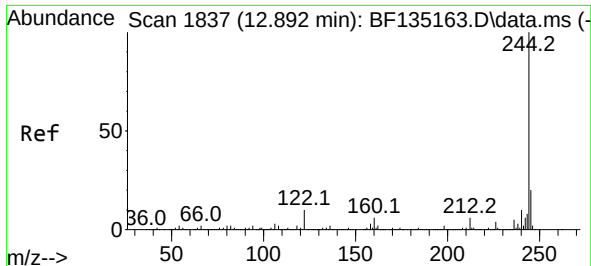
Tgt Ion:240 Resp: 294062
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 26.3 19.8 29.8



#77
Benzidine
Concen: 2.207 ng
RT: 12.622 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF135566.D
Acq: 04 Oct 2023 12:22

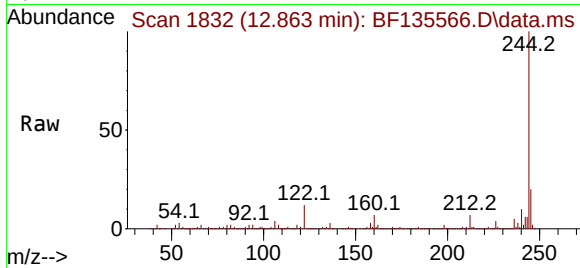
Tgt Ion:184 Resp: 13298
Ion Ratio Lower Upper
184 100
185 19.4 11.7 17.5#
183 11.1 8.2 12.4



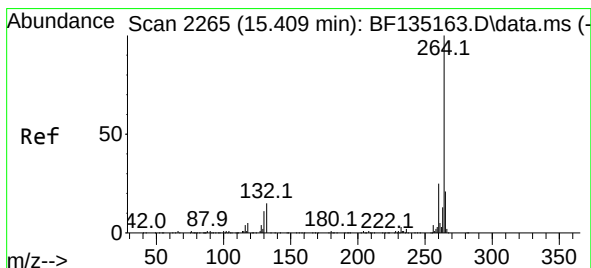
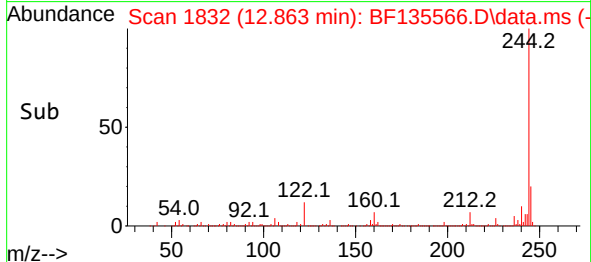
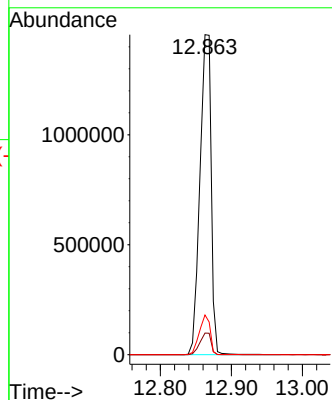


#79
 Terphenyl-d14
 Concen: 84.810 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF135566.D
 Acq: 04 Oct 2023 12:22

Instrument :
 BNA_F
 ClientSampleId :
 IS1-COMP



Tgt Ion:244 Resp: 1608787
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.4 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF135566.D
 Acq: 04 Oct 2023 12:22

Tgt Ion:264 Resp: 260467
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 22.2 17.0 25.4

