

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135788.D
 Acq On : 16 Oct 2023 21:22
 Operator : CG\JU
 Sample : 04656-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 01:58:34 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)

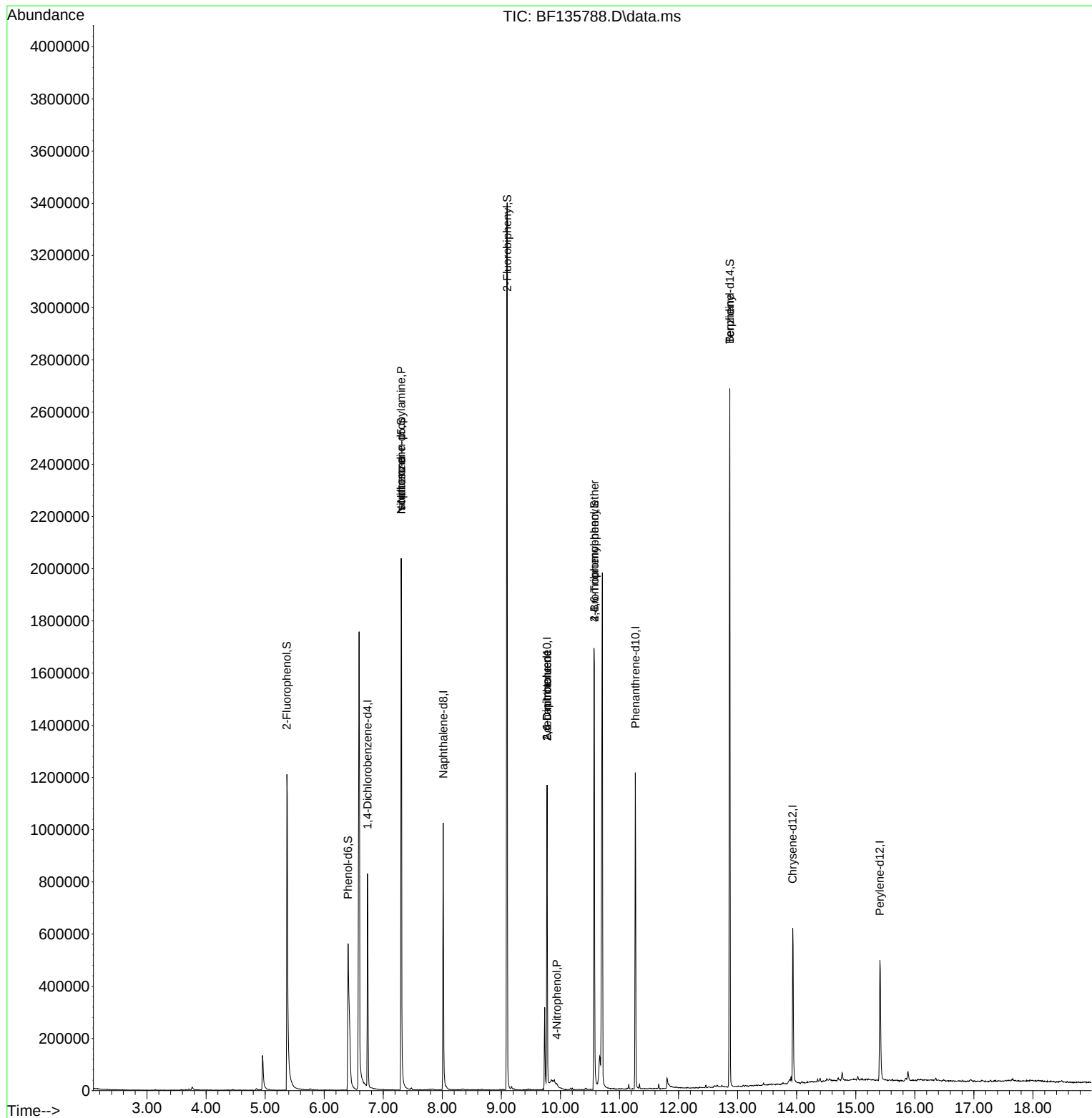
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	117423	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	438376	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	223958	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	434166	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	223296	20.000	ng	-0.02
86) Perylene-d12	15.409	264	244108	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	450784	61.721	ng	0.00
7) Phenol-d6	6.404	99	381899	41.908	ng	0.00
23) Nitrobenzene-d5	7.304	82	642453	80.603	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	219032	101.920	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1109195	77.436	ng	0.00
79) Terphenyl-d14	12.868	244	948009	78.623	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	86817	15.408	ng	# 77
25) Isophorone	7.304	82	642453	42.725	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	28100	8.643	ng	# 17
56) 4-Nitrophenol	9.939	139	184	5.586	ng	# 1
57) 2,4-Dinitrotoluene	9.775	165	28100	6.794	ng	# 25
67) 4-Bromophenyl-phenylether	10.575	248	14324	3.287	ng	# 1
77) Benzidine	12.868	184	11784	2.418	ng	# 91

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

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

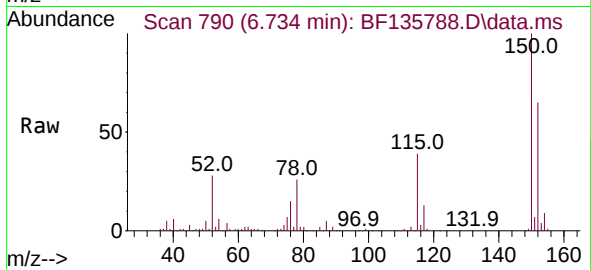
Quant Time: Oct 17 01:58:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
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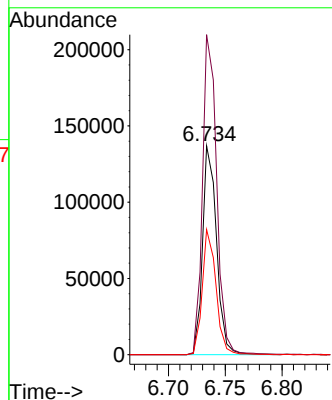
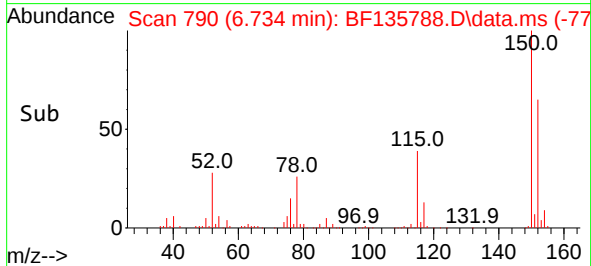


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

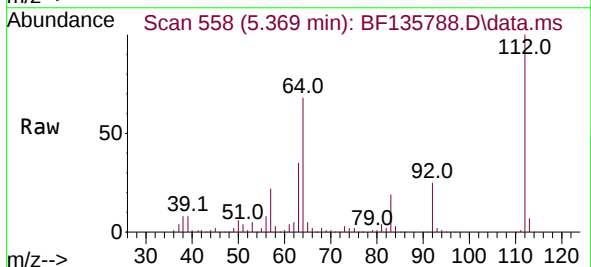
Instrument :
BNA_F
ClientSampleId :



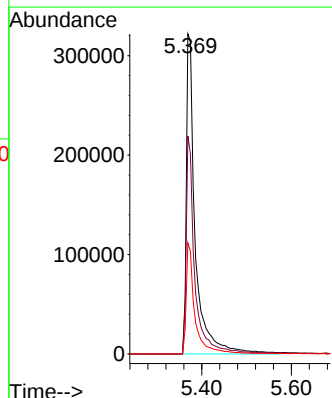
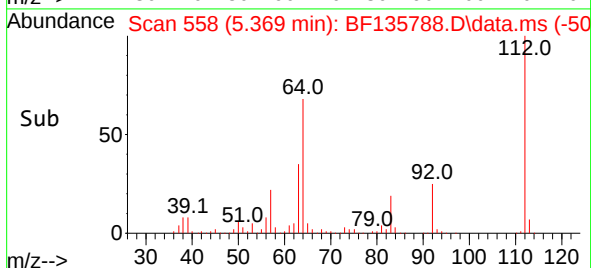
Tgt Ion:152 Resp: 117423
Ion Ratio Lower Upper
152 100
150 153.3 124.5 186.7
115 60.0 49.0 73.4

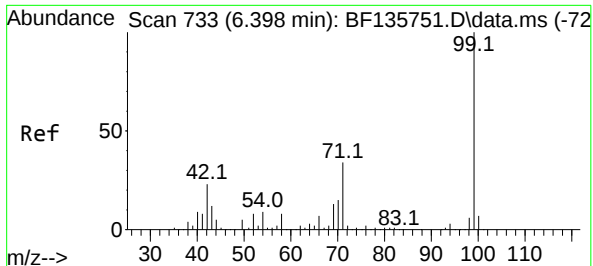


#5
2-Fluorophenol
Concen: 61.721 ng
RT: 5.369 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22



Tgt Ion:112 Resp: 450784
Ion Ratio Lower Upper
112 100
64 68.1 51.2 76.8
63 34.7 26.1 39.1

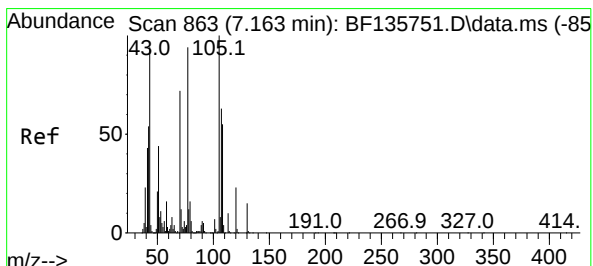
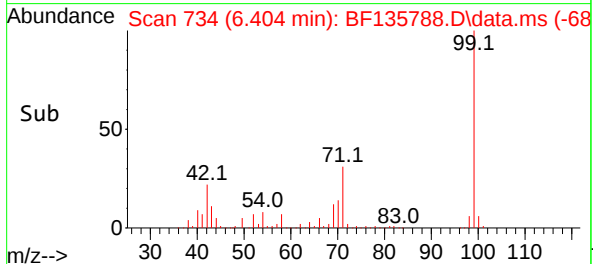
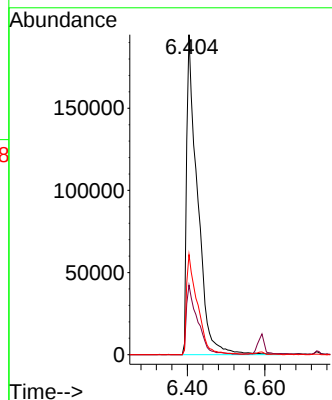
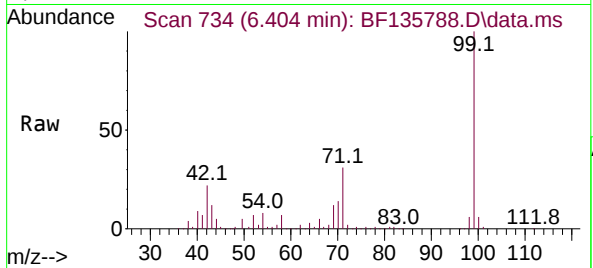




#7
Phenol-d6
Concen: 41.908 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

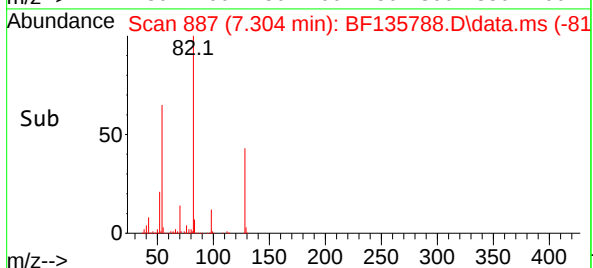
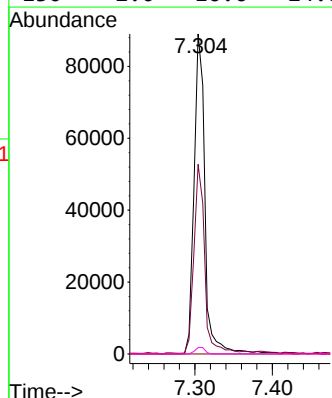
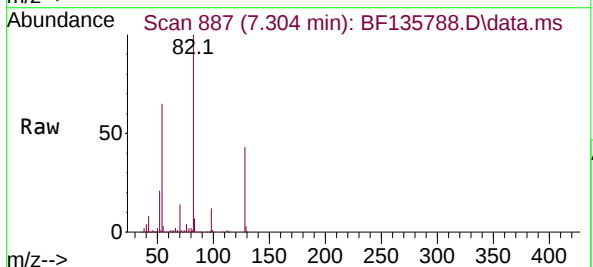
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 381899
Ion Ratio Lower Upper
99 100
42 21.7 18.4 27.6
71 31.3 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.408 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

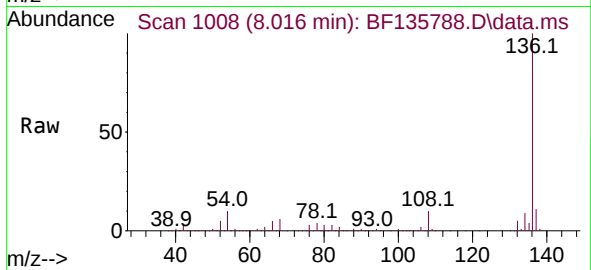
Tgt Ion: 70 Resp: 86817
Ion Ratio Lower Upper
70 100
42 59.2 59.8 89.6#
101 0.0 7.4 11.2#
130 2.0 16.6 24.8#



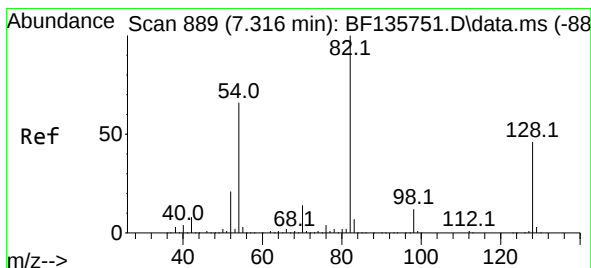
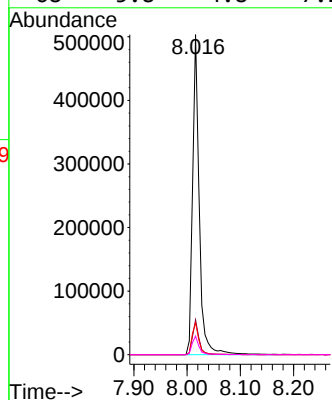
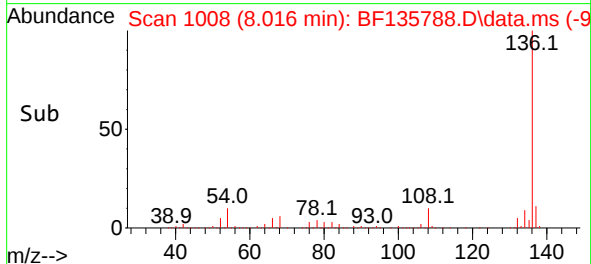


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

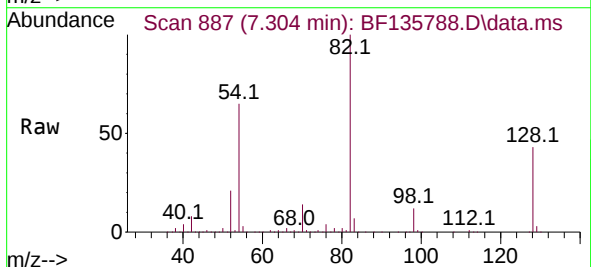
Instrument :
BNA_F
ClientSampleId :



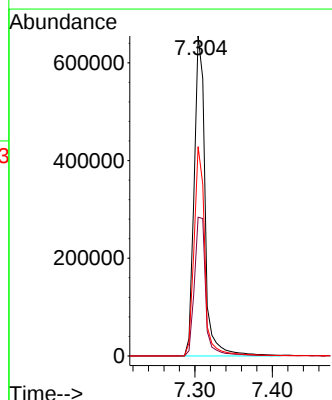
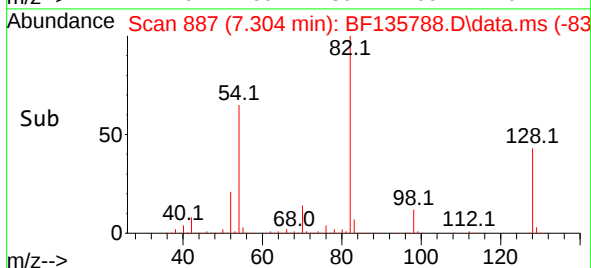
Tgt Ion:136 Resp: 438376
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.0 8.5 12.7
68 5.8 4.8 7.2



#23
Nitrobenzene-d5
Concen: 80.603 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22



Tgt Ion: 82 Resp: 642453
Ion Ratio Lower Upper
82 100
128 43.3 37.0 55.6
54 65.4 52.8 79.2

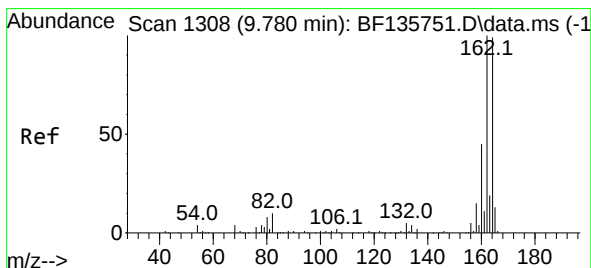
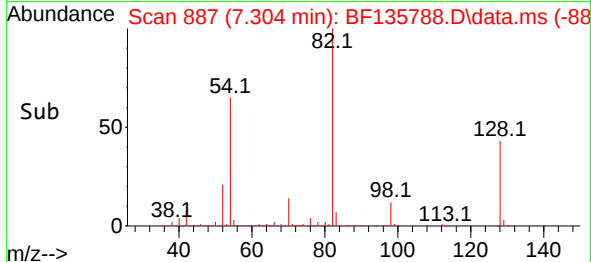
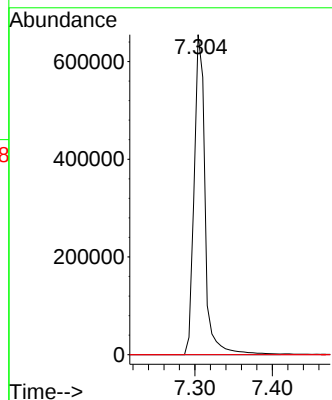
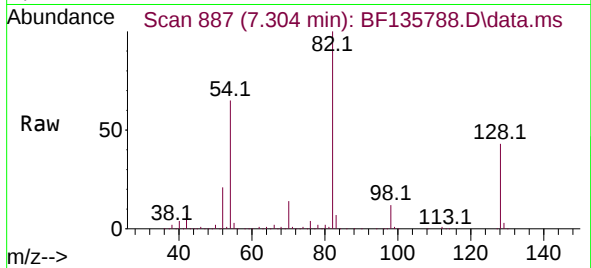




#25
Isophorone
Concen: 42.725 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

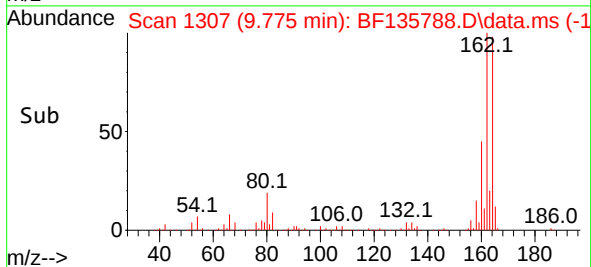
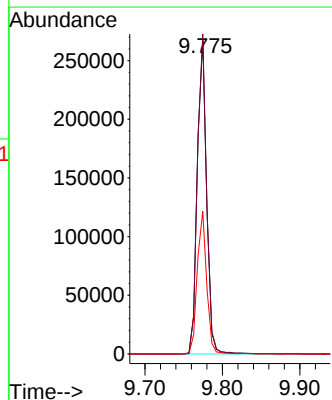
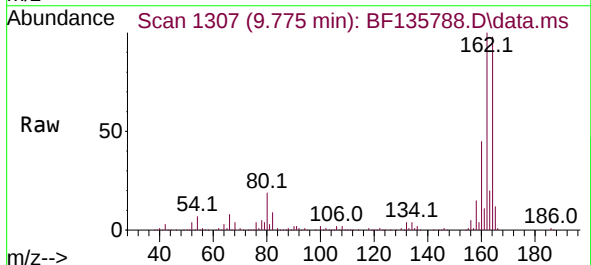
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 642453
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: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

Tgt Ion:164 Resp: 223958
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 45.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 101.920 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.012 min

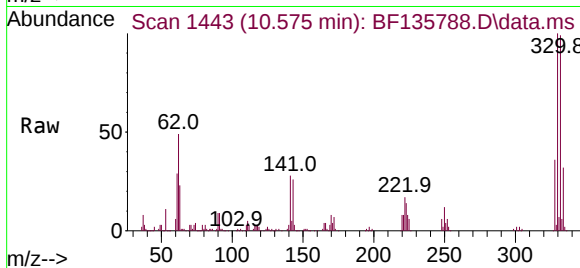
Lab File: BF135788.D

Acq: 16 Oct 2023 21:22

Instrument :

BNA_F

ClientSampleId :



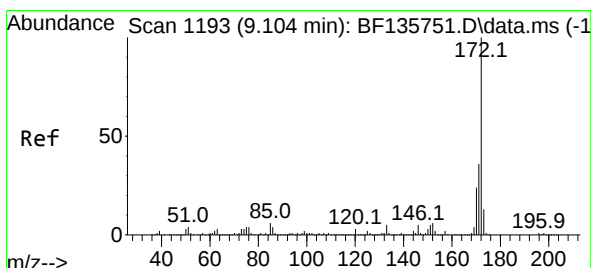
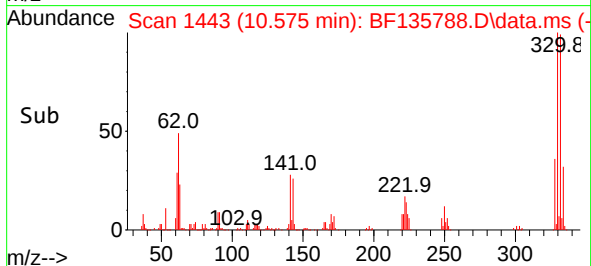
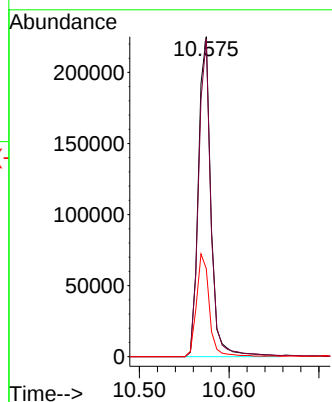
Tgt Ion:330 Resp: 219032

Ion Ratio Lower Upper

330 100

332 98.2 75.0 112.4

141 32.9 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 77.436 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135788.D

Acq: 16 Oct 2023 21:22

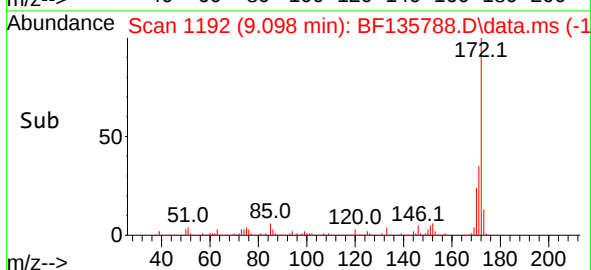
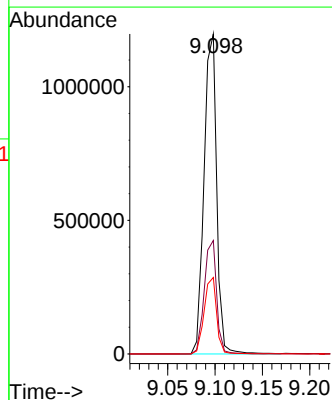
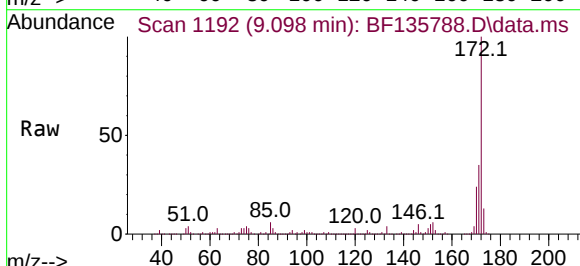
Tgt Ion:172 Resp: 1109195

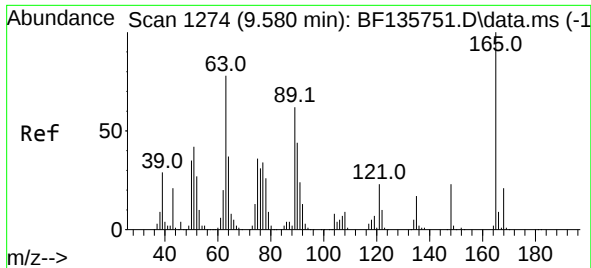
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.9 18.8 28.2

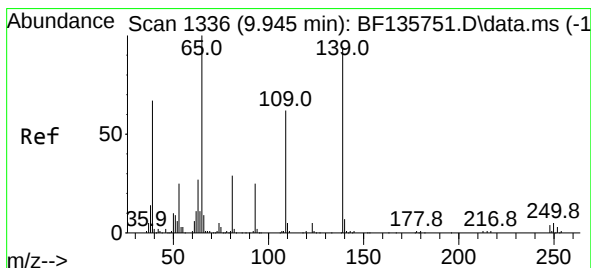
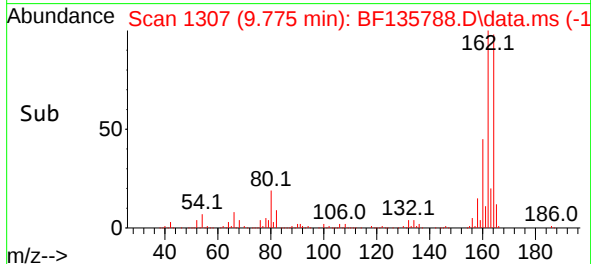
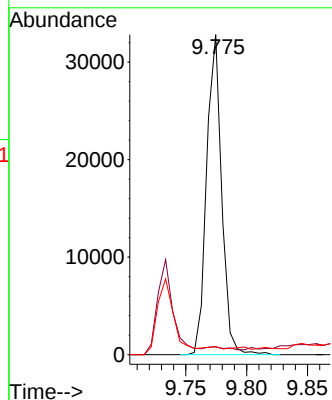
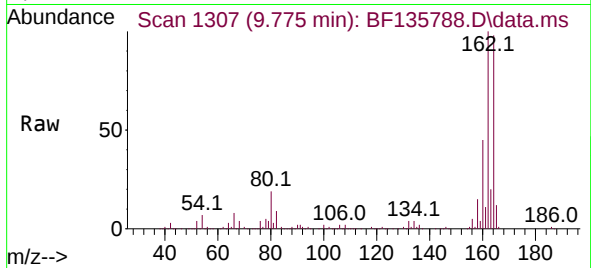




#51
2,6-Dinitrotoluene
Concen: 8.643 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

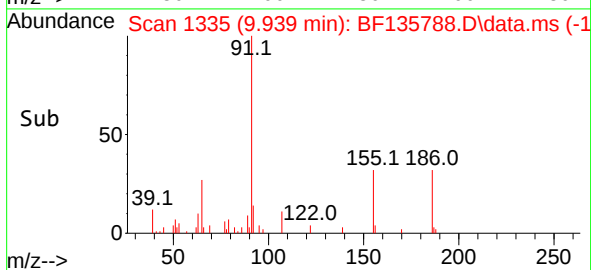
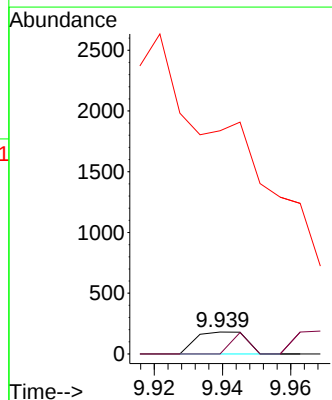
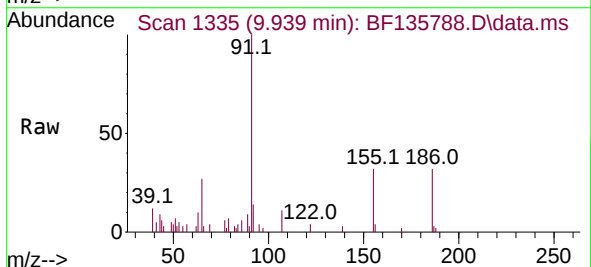
Instrument :
BNA_F
ClientSampleId :

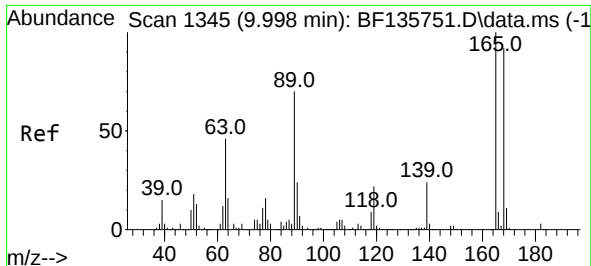
Tgt Ion:165 Resp: 28100
Ion Ratio Lower Upper
165 100
63 2.4 62.2 93.4#
89 2.5 49.6 74.4#



#56
4-Nitrophenol
Concen: 5.586 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

Tgt Ion:139 Resp: 184
Ion Ratio Lower Upper
139 100
109 0.0 45.6 85.6#
65 1014.9 87.5 127.5#





#57

2,4-Dinitrotoluene

Concen: 6.794 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.230 min

Lab File: BF135788.D

Acq: 16 Oct 2023 21:22

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165 Resp: 28100

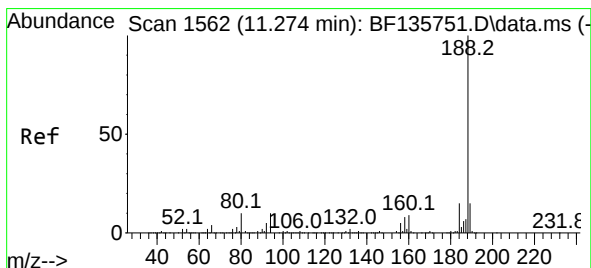
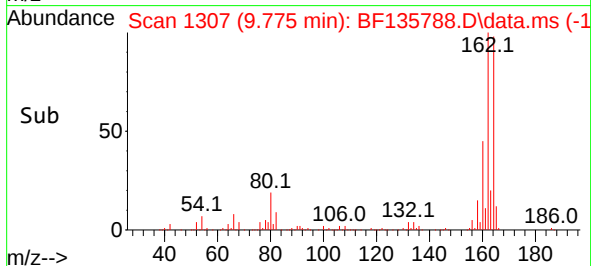
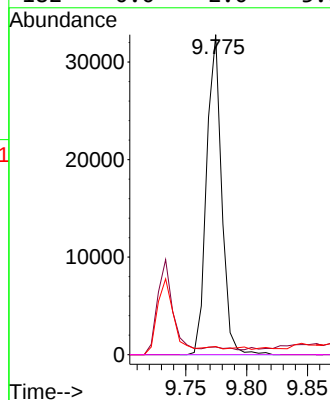
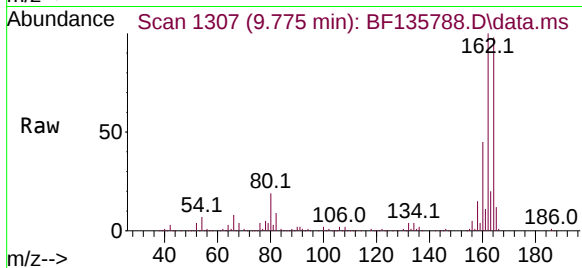
Ion Ratio Lower Upper

165 100

63 2.4 39.0 58.4#

89 2.5 55.9 83.9#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1561

Delta R.T. -0.012 min

Lab File: BF135788.D

Acq: 16 Oct 2023 21:22

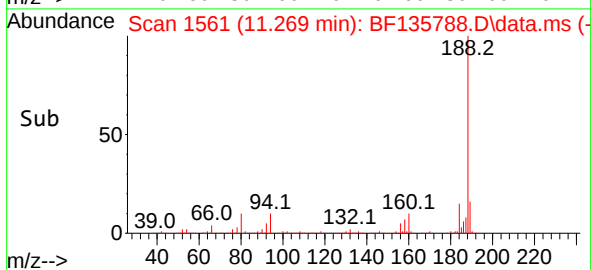
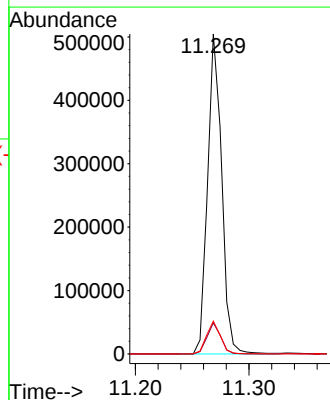
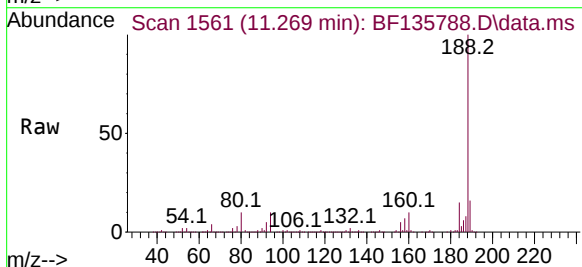
Tgt Ion:188 Resp: 434166

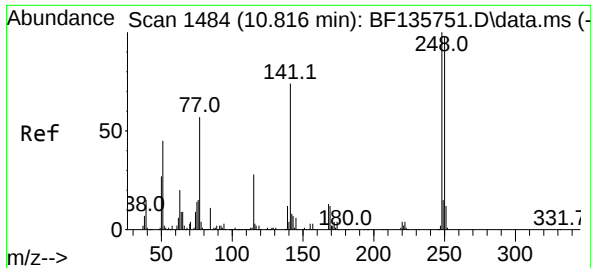
Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

80 10.3 8.3 12.5

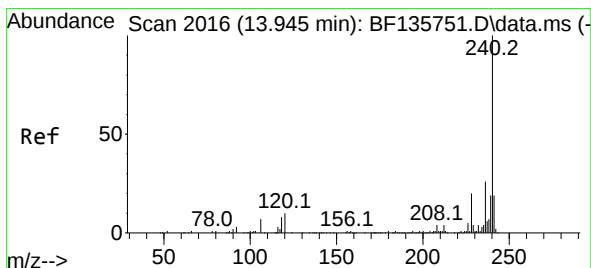
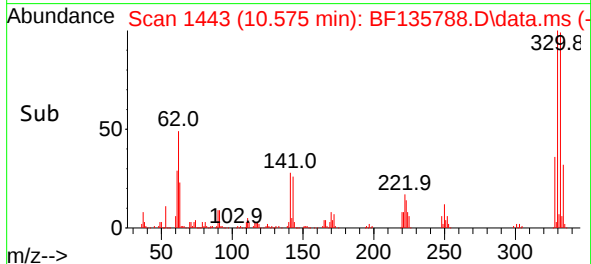
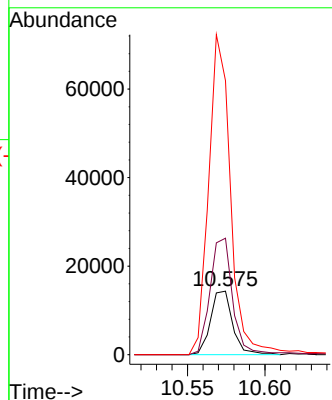
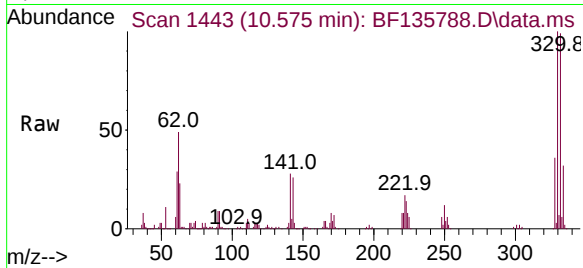




#67
4-Bromophenyl-phenylether
Concen: 3.287 ng
RT: 10.575 min Scan# 1484
Delta R.T. -0.247 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

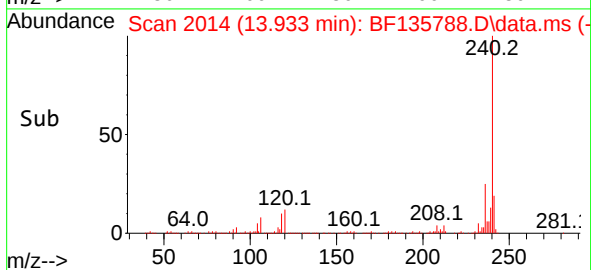
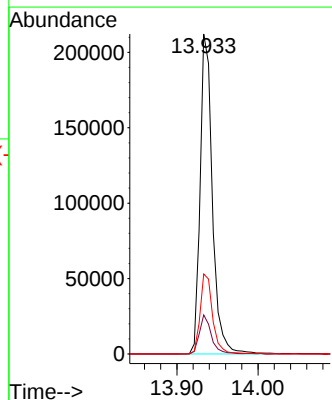
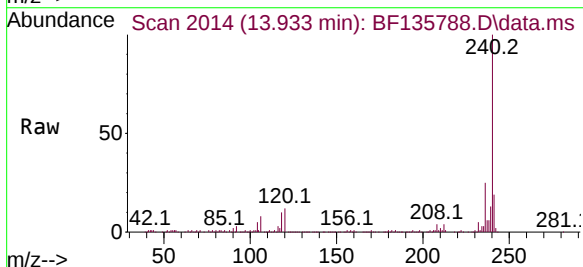
Instrument :
BNA_F
ClientSampleId :

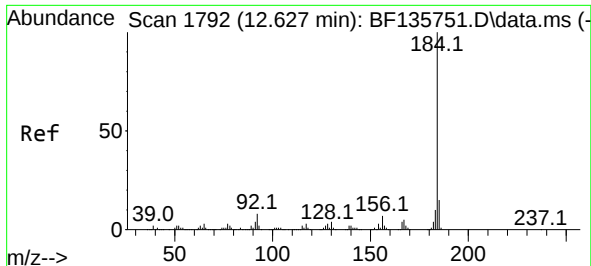
Tgt Ion:248 Resp: 14324
Ion Ratio Lower Upper
248 100
250 183.2 78.0 117.0#
141 431.3 59.0 88.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

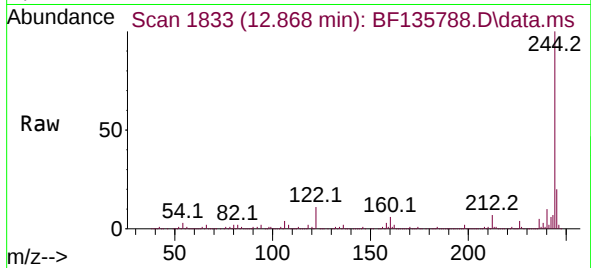
Tgt Ion:240 Resp: 223296
Ion Ratio Lower Upper
240 100
120 12.2 8.2 12.2
236 25.0 21.2 31.8



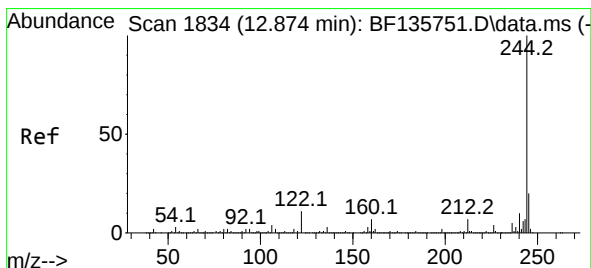
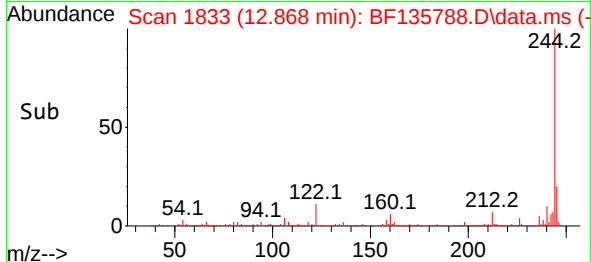
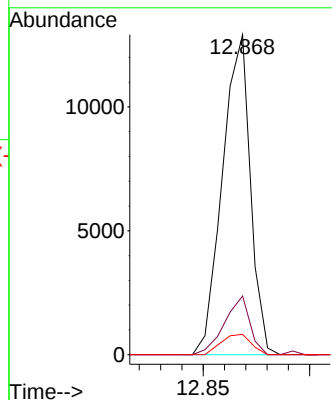


#77
Benzidine
Concen: 2.418 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.235 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

Instrument :
BNA_F
ClientSampleId :

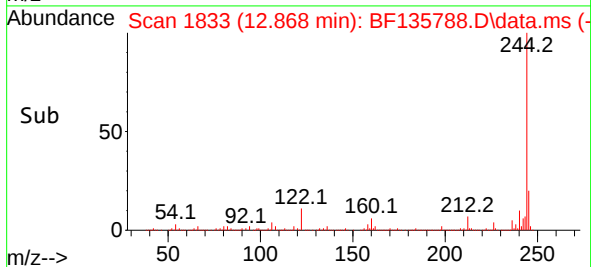
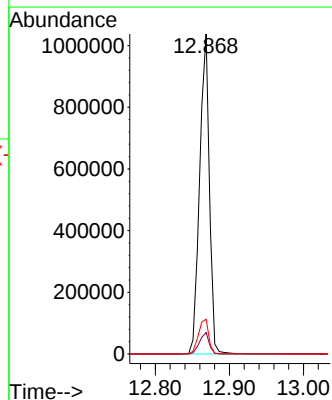
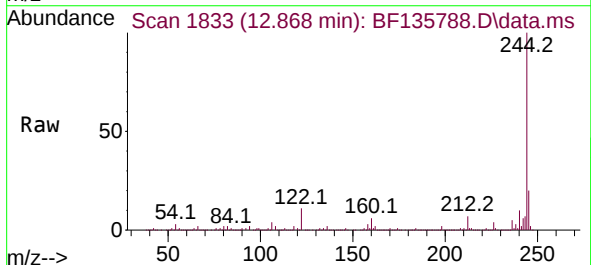


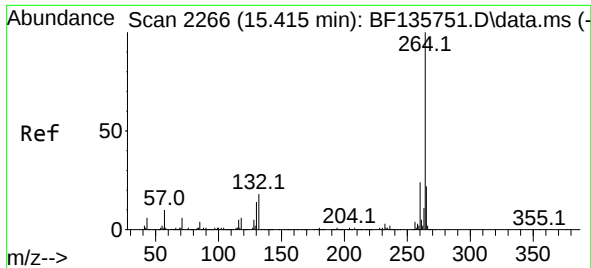
Tgt Ion:184 Resp: 11784
Ion Ratio Lower Upper
184 100
185 18.4 12.0 18.0#
183 6.3 8.2 12.2#



#79
Terphenyl-d14
Concen: 78.623 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF135788.D
Acq: 16 Oct 2023 21:22

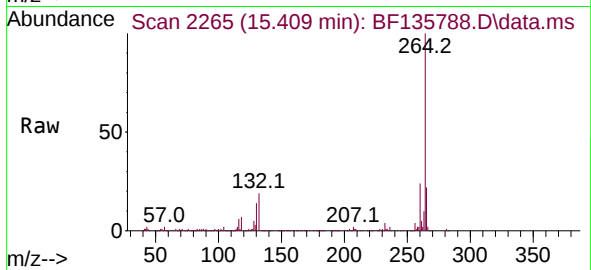
Tgt Ion:244 Resp: 948009
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.8 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF135788.D
 Acq: 16 Oct 2023 21:22

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 244108
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 17.4 26.2

