

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135793.D
 Acq On : 16 Oct 2023 23:56
 Operator : CG\JU
 Sample : 04844-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 02:00:12 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)

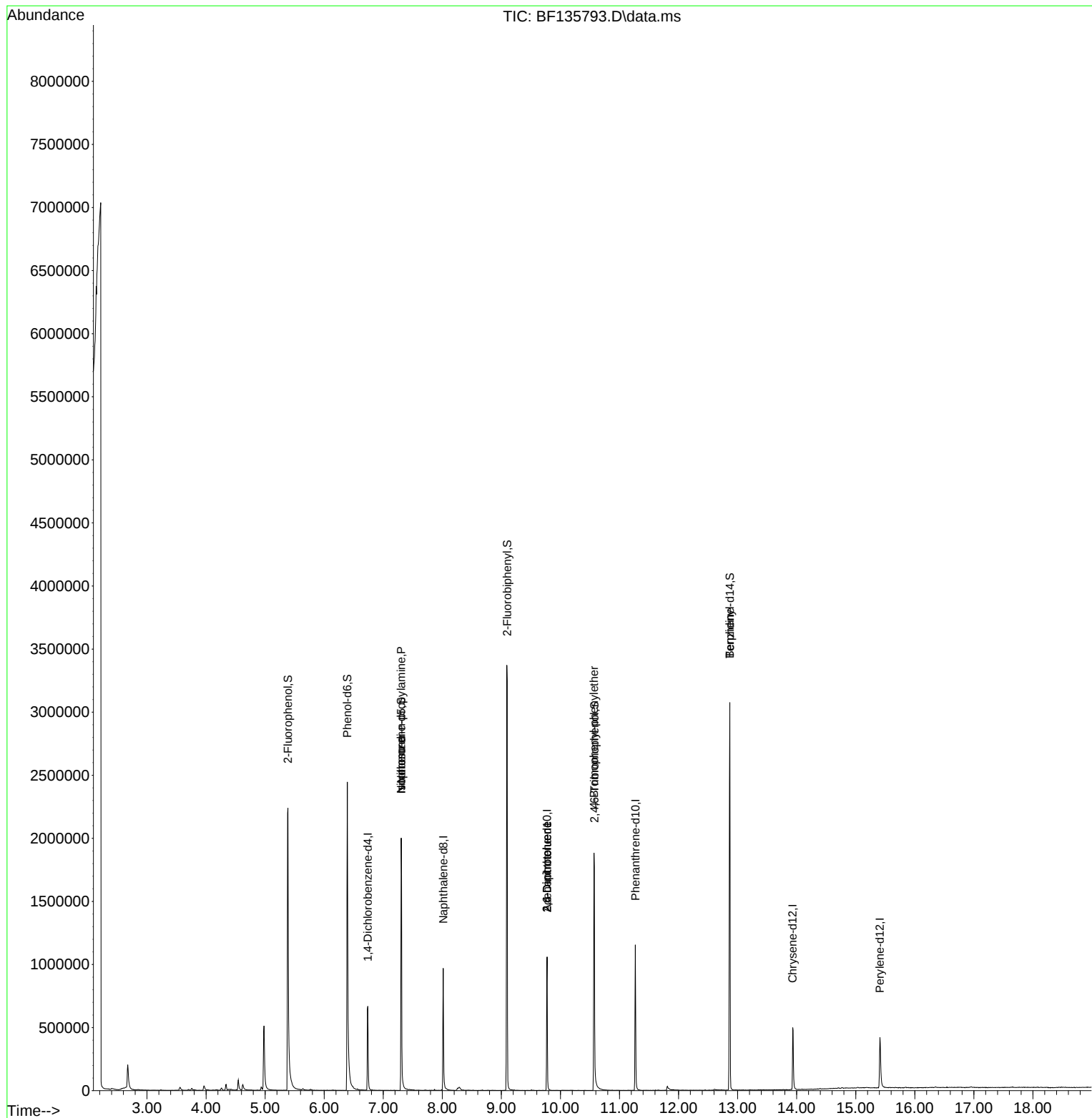
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	109995	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	423921	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	212488	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	421427	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	202631	20.000	ng	-0.02
86) Perylene-d12	15.409	264	226489	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	801989	117.223	ng	0.01
7) Phenol-d6	6.392	99	920560	107.840	ng	0.00
23) Nitrobenzene-d5	7.304	82	638190	82.798	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	269307	132.078	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1111025	81.750	ng	0.00
79) Terphenyl-d14	12.868	244	1119354	102.301	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	85456	16.191	ng	# 79
25) Isophorone	7.304	82	638183	43.888	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	26963	8.741	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	26963	6.871	ng	# 24
67) 4-Bromophenyl-phenylether	10.569	248	16739	3.957	ng	# 1
77) Benzidine	12.868	184	14057	3.179	ng	# 93

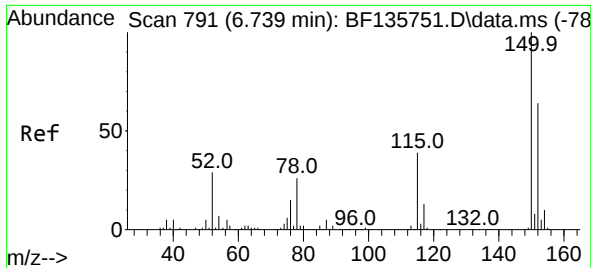
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
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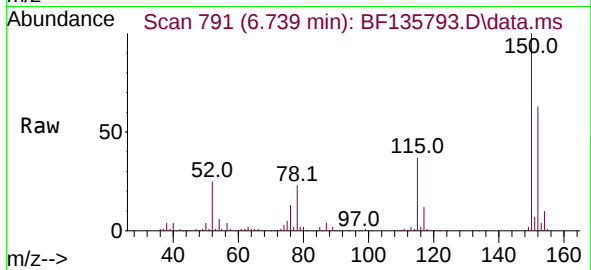
Quant Time: Oct 17 02:00:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration



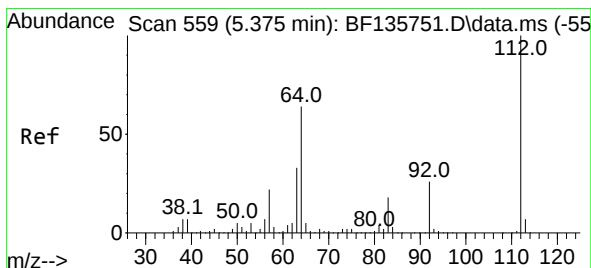
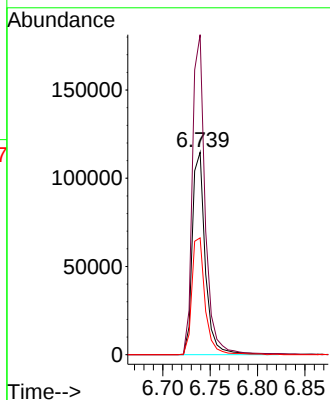
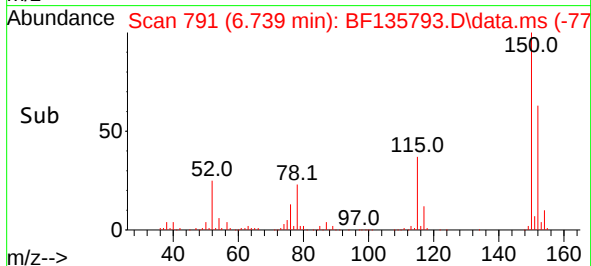


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135793.D
Acq: 16 Oct 2023 23:56

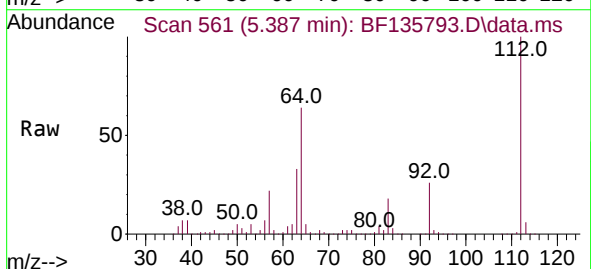
Instrument :
BNA_F
ClientSampleId :



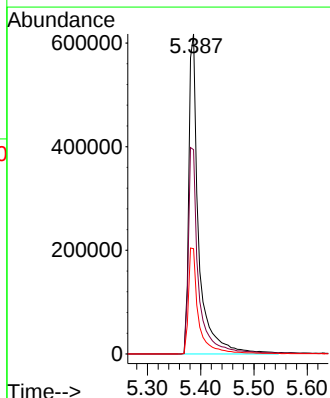
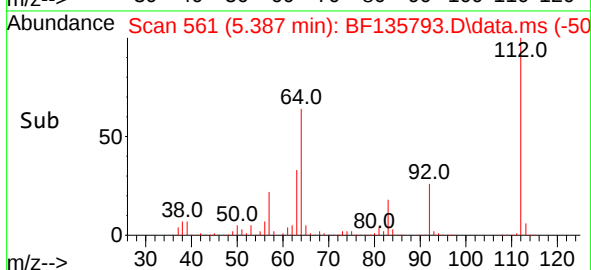
Tgt Ion:152 Resp: 109995
Ion Ratio Lower Upper
152 100
150 158.1 124.5 186.7
115 57.7 49.0 73.4

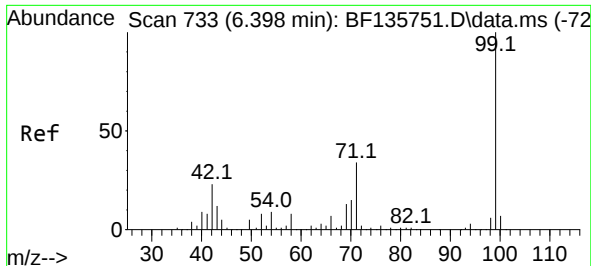


#5
2-Fluorophenol
Concen: 117.223 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135793.D
Acq: 16 Oct 2023 23:56



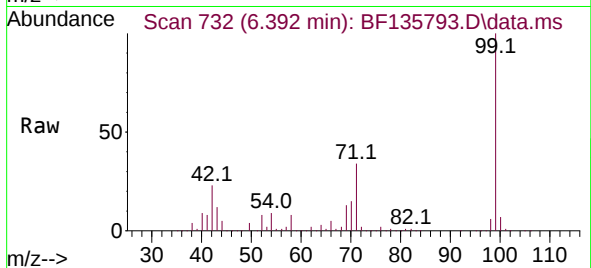
Tgt Ion:112 Resp: 801989
Ion Ratio Lower Upper
112 100
64 63.9 51.2 76.8
63 32.9 26.1 39.1



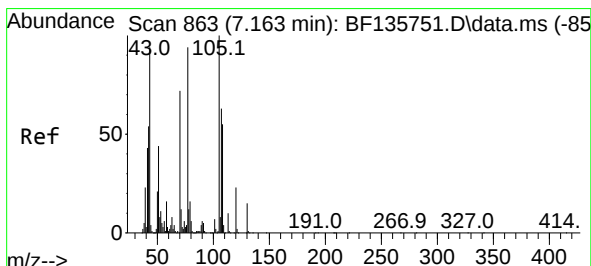
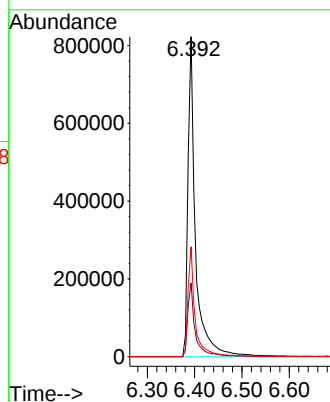
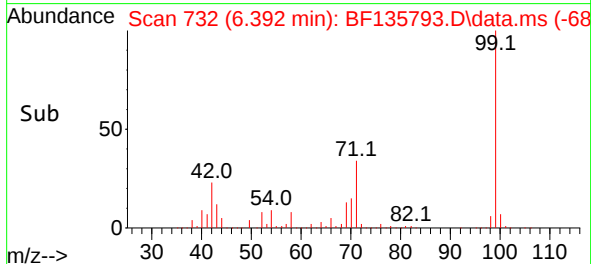


#7
Phenol-d6
Concen: 107.840 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135793.D
Acq: 16 Oct 2023 23:56

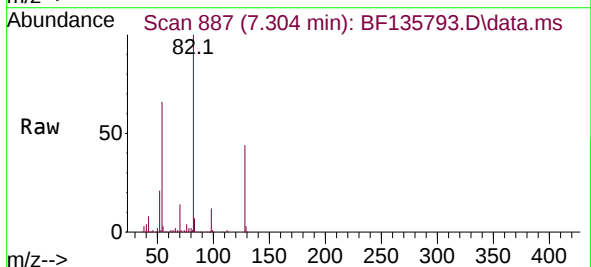
Instrument :
BNA_F
ClientSampleId :



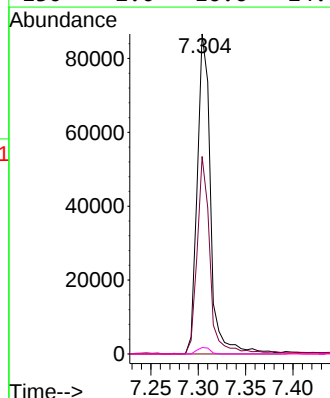
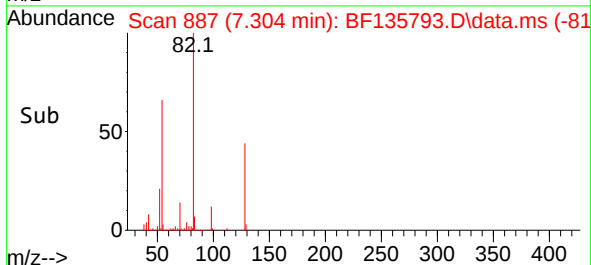
Tgt Ion: 99 Resp: 920560
Ion Ratio Lower Upper
99 100
42 23.1 18.4 27.6
71 34.4 27.2 40.8

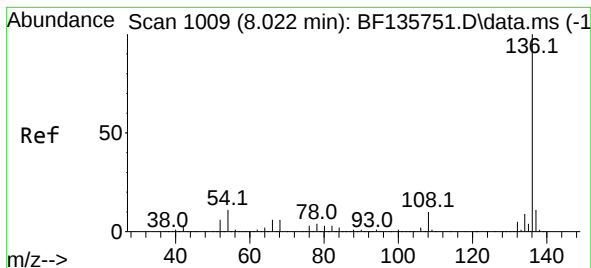


#19
n-Nitroso-di-n-propylamine
Concen: 16.191 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135793.D
Acq: 16 Oct 2023 23:56



Tgt Ion: 70 Resp: 85456
Ion Ratio Lower Upper
70 100
42 61.7 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: BF135793.D

Acq: 16 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 423921

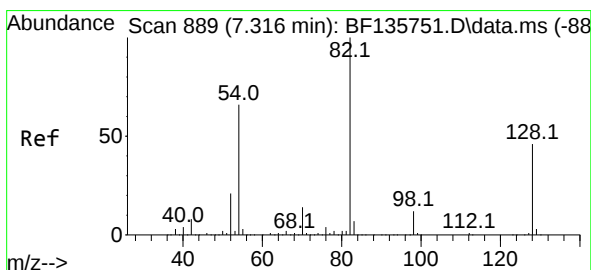
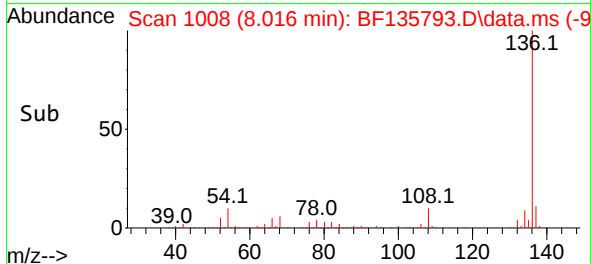
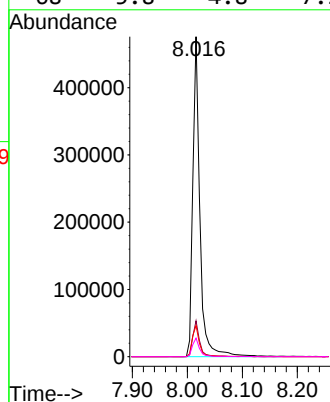
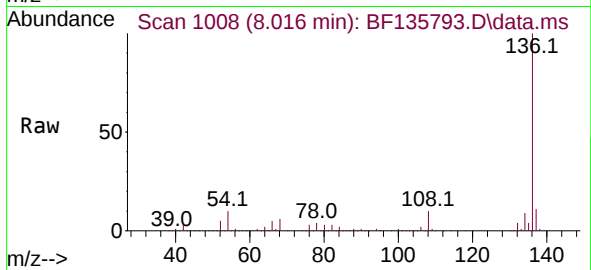
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 9.7 8.5 12.7

68 5.8 4.8 7.2



#23

Nitrobenzene-d5

Concen: 82.798 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.012 min

Lab File: BF135793.D

Acq: 16 Oct 2023 23:56

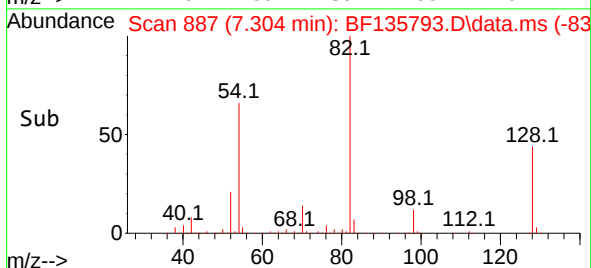
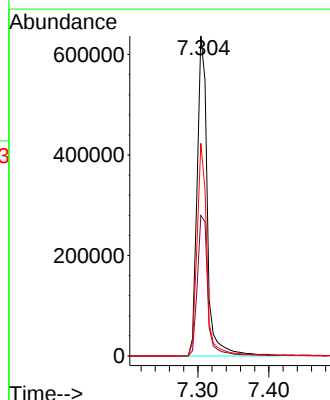
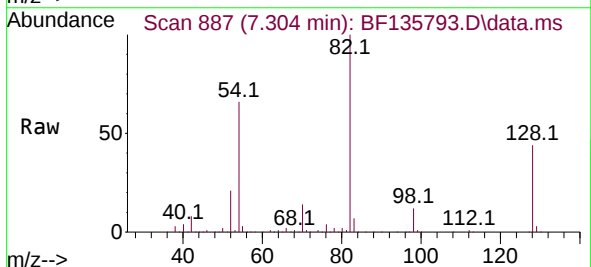
Tgt Ion: 82 Resp: 638190

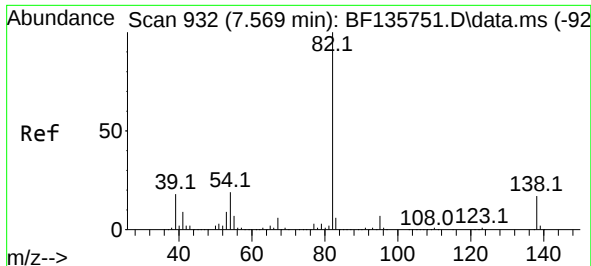
Ion Ratio Lower Upper

82 100

128 43.9 37.0 55.6

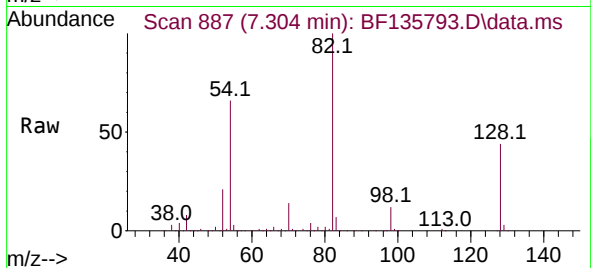
54 66.5 52.8 79.2



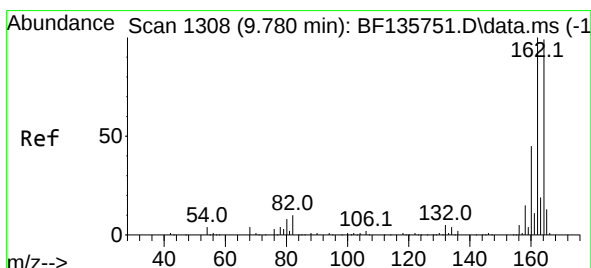
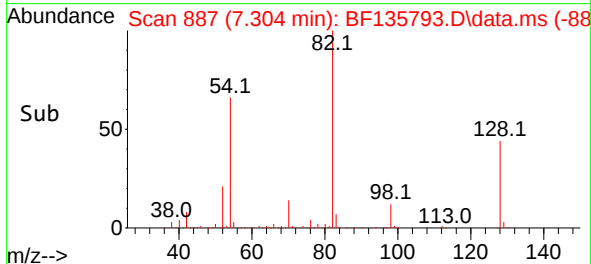
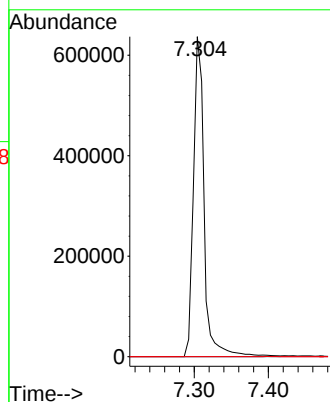


#25
Isophorone
Concen: 43.888 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135793.D
Acq: 16 Oct 2023 23:56

Instrument :
BNA_F
ClientSampleId :

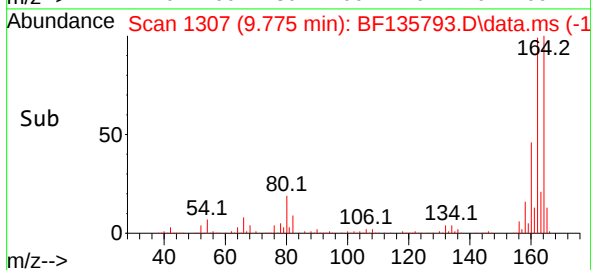
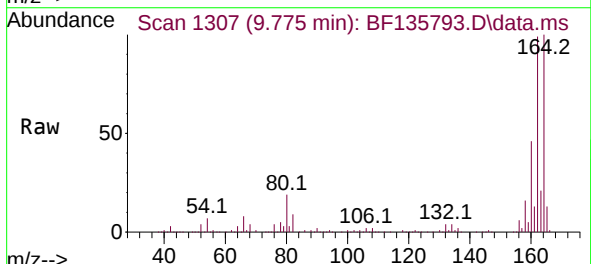
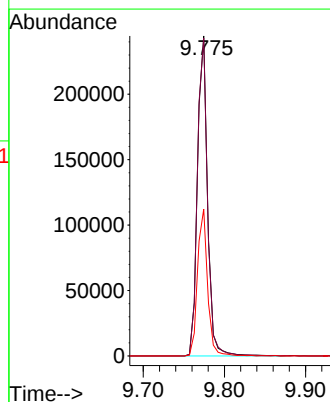


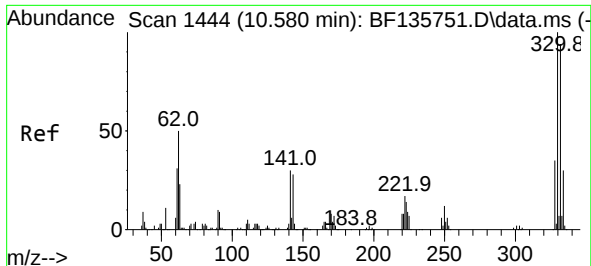
Tgt Ion: 82 Resp: 638183
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135793.D
Acq: 16 Oct 2023 23:56

Tgt Ion: 164 Resp: 212488
Ion Ratio Lower Upper
164 100
162 99.3 80.8 121.2
160 45.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 132.078 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

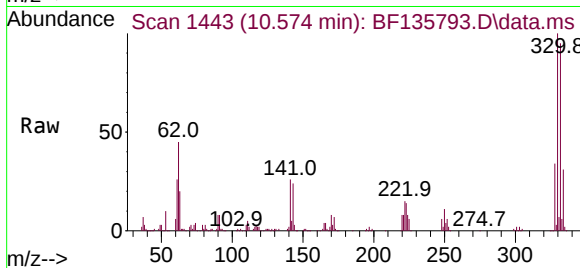
Lab File: BF135793.D

Acq: 16 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :



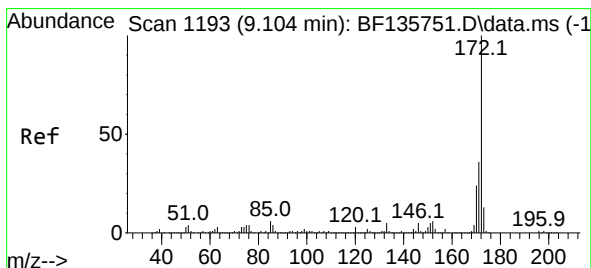
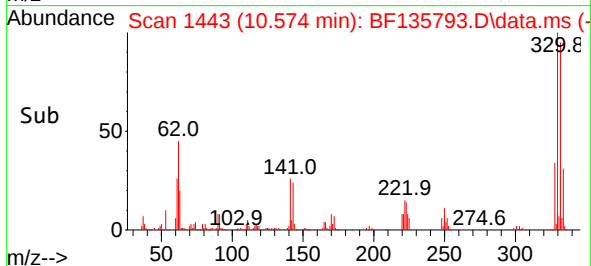
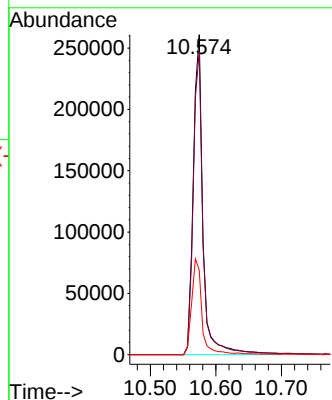
Tgt Ion:330 Resp: 269307

Ion Ratio Lower Upper

330 100

332 96.0 75.0 112.4

141 32.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 81.750 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135793.D

Acq: 16 Oct 2023 23:56

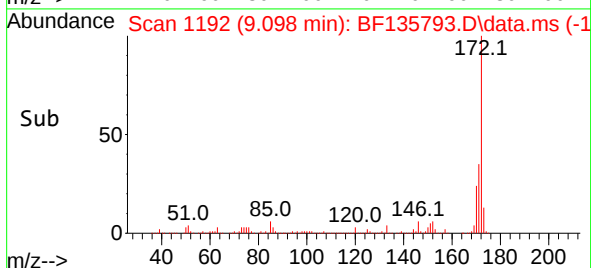
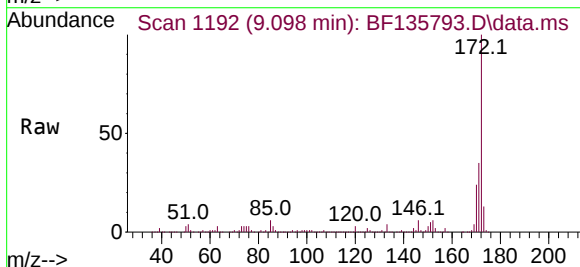
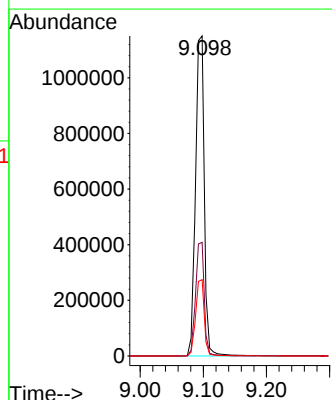
Tgt Ion:172 Resp: 1111025

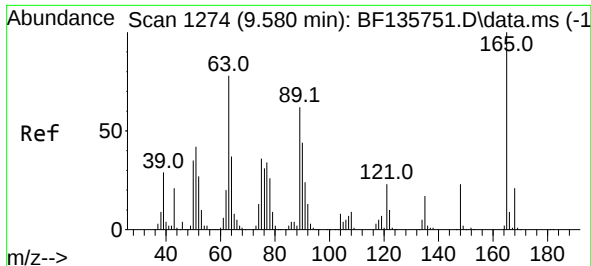
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

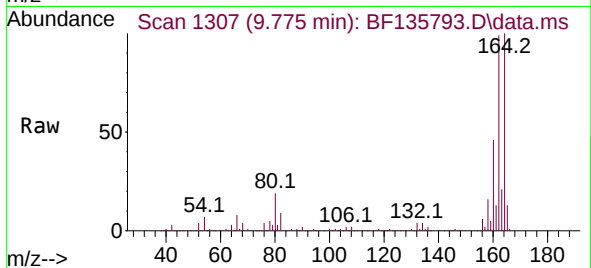
170 23.8 18.8 28.2



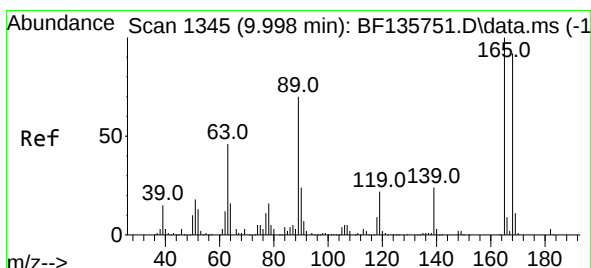
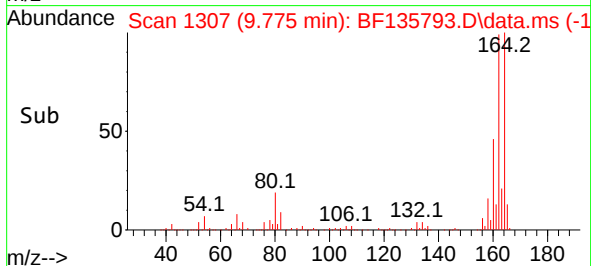
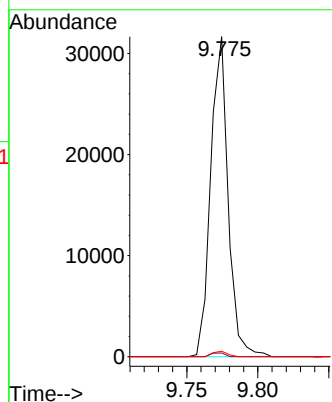


#51
2,6-Dinitrotoluene
Concen: 8.741 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135793.D
Acq: 16 Oct 2023 23:56

Instrument :
BNA_F
ClientSampleId :

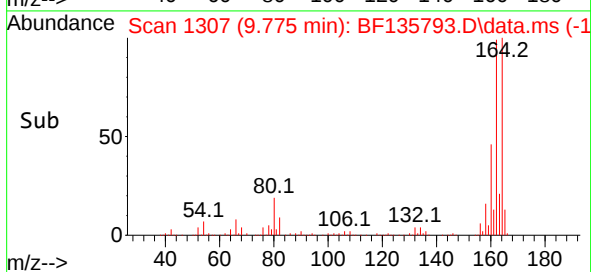
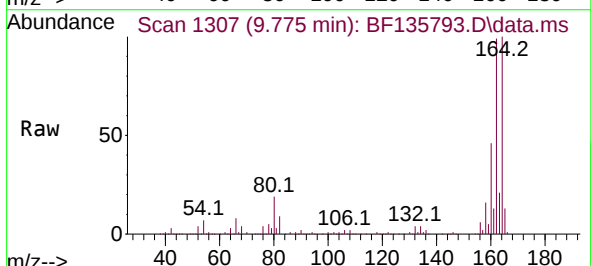
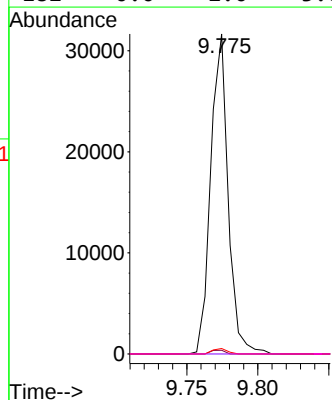


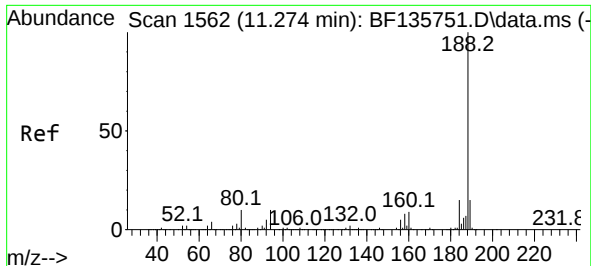
Tgt Ion:165 Resp: 26963
Ion Ratio Lower Upper
165 100
63 1.2 62.2 93.4#
89 1.7 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.871 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135793.D
Acq: 16 Oct 2023 23:56

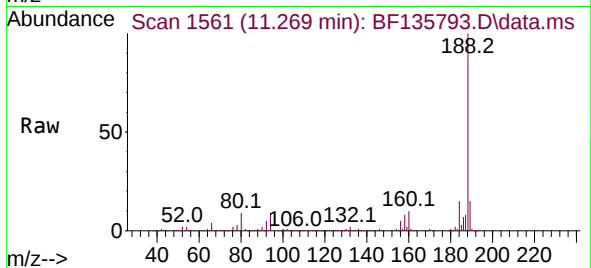
Tgt Ion:165 Resp: 26963
Ion Ratio Lower Upper
165 100
63 1.2 39.0 58.4#
89 1.7 55.9 83.9#
182 0.0 2.0 3.0#



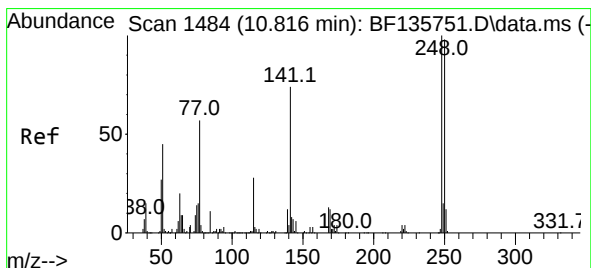
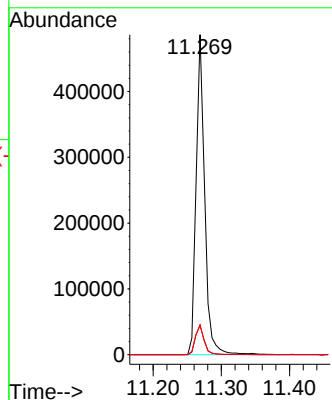
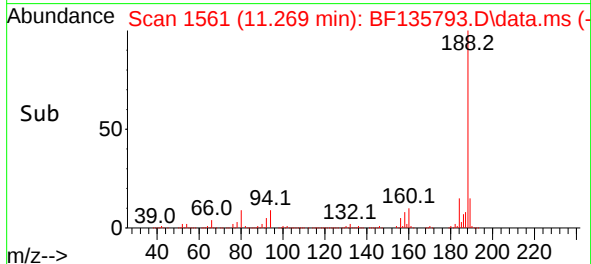


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135793.D
Acq: 16 Oct 2023 23:56

Instrument :
BNA_F
ClientSampleId :

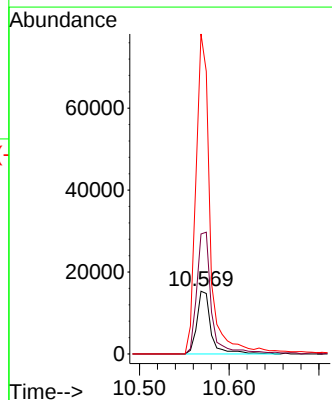
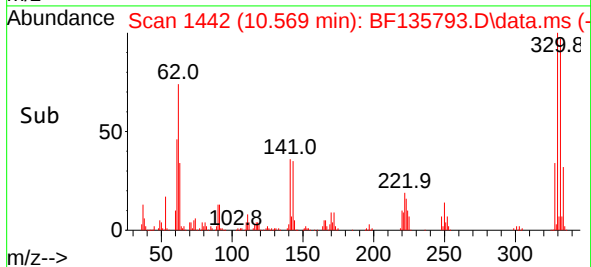
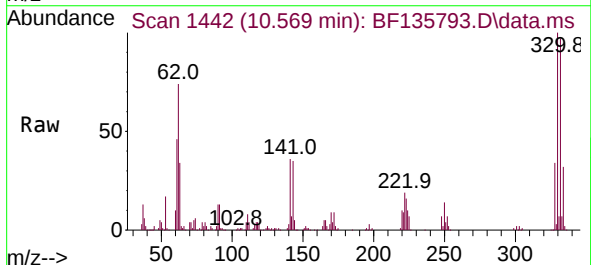


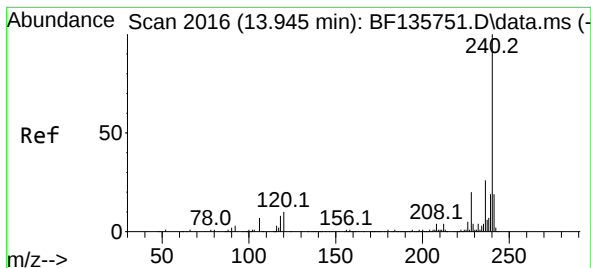
Tgt Ion:188 Resp: 421427
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.4 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.957 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.253 min
Lab File: BF135793.D
Acq: 16 Oct 2023 23:56

Tgt Ion:248 Resp: 16739
Ion Ratio Lower Upper
248 100
250 191.6 78.0 117.0#
141 510.6 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF135793.D

Acq: 16 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

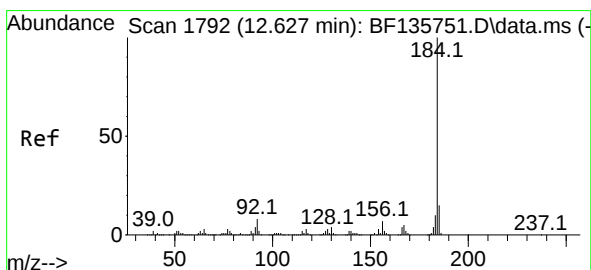
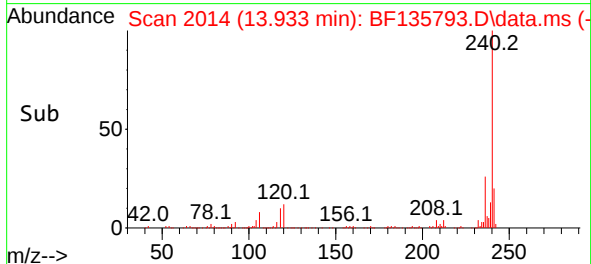
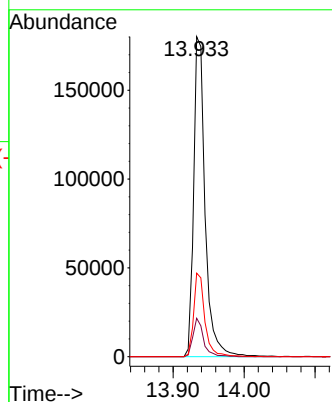
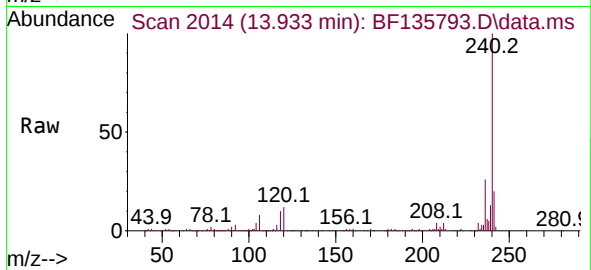
Tgt Ion:240 Resp: 202631

Ion Ratio Lower Upper

240 100

120 12.0 8.2 12.2

236 26.1 21.2 31.8



#77

Benzidine

Concen: 3.179 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135793.D

Acq: 16 Oct 2023 23:56

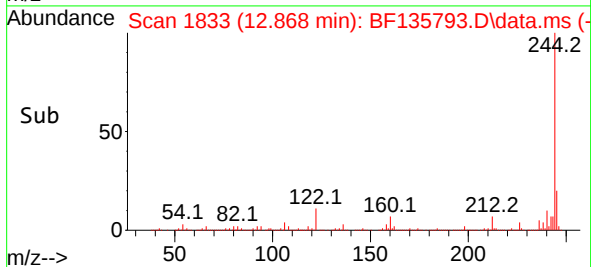
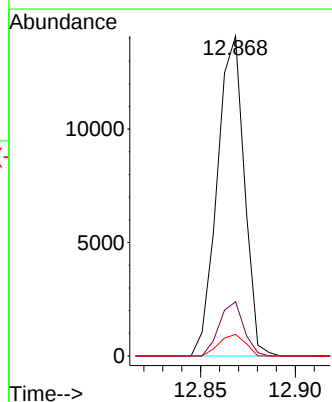
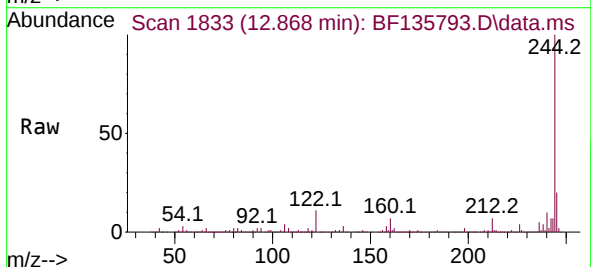
Tgt Ion:184 Resp: 14057

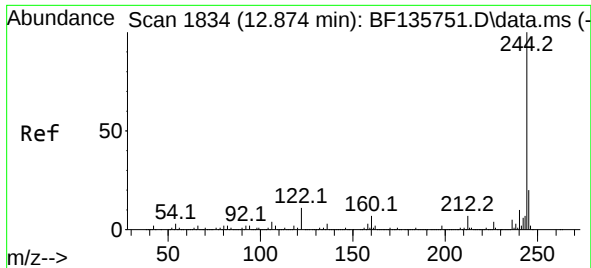
Ion Ratio Lower Upper

184 100

185 16.9 12.0 18.0

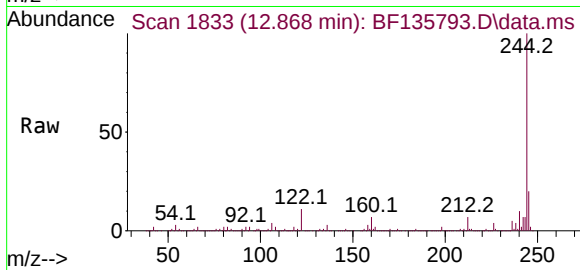
183 6.7 8.2 12.2#



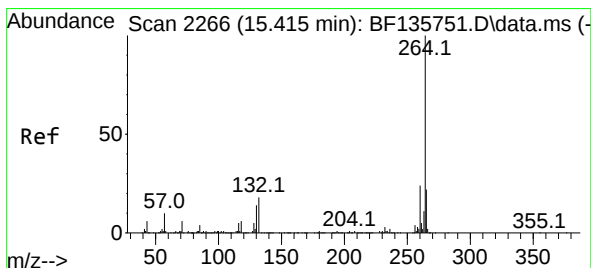
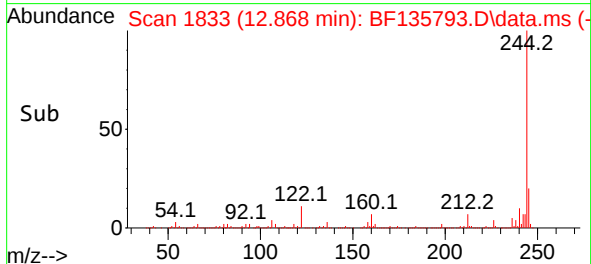
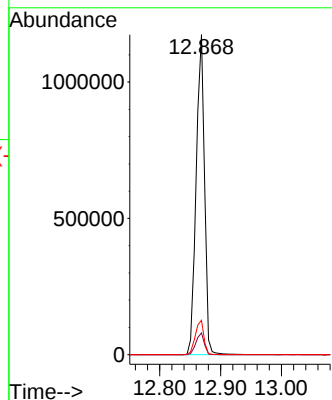


#79
 Terphenyl-d14
 Concen: 102.301 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135793.D
 Acq: 16 Oct 2023 23:56

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1119354
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.8 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: BF135793.D
 Acq: 16 Oct 2023 23:56

Tgt Ion:264 Resp: 226489
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.4 17.4 26.2

