

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135687.D
 Acq On : 10 Oct 2023 16:25
 Operator : CG\JU
 Sample : PB155881BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155881BL

Quant Time: Oct 11 02:58:45 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 11 02:43:17 2023
 Response via : Initial Calibration

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

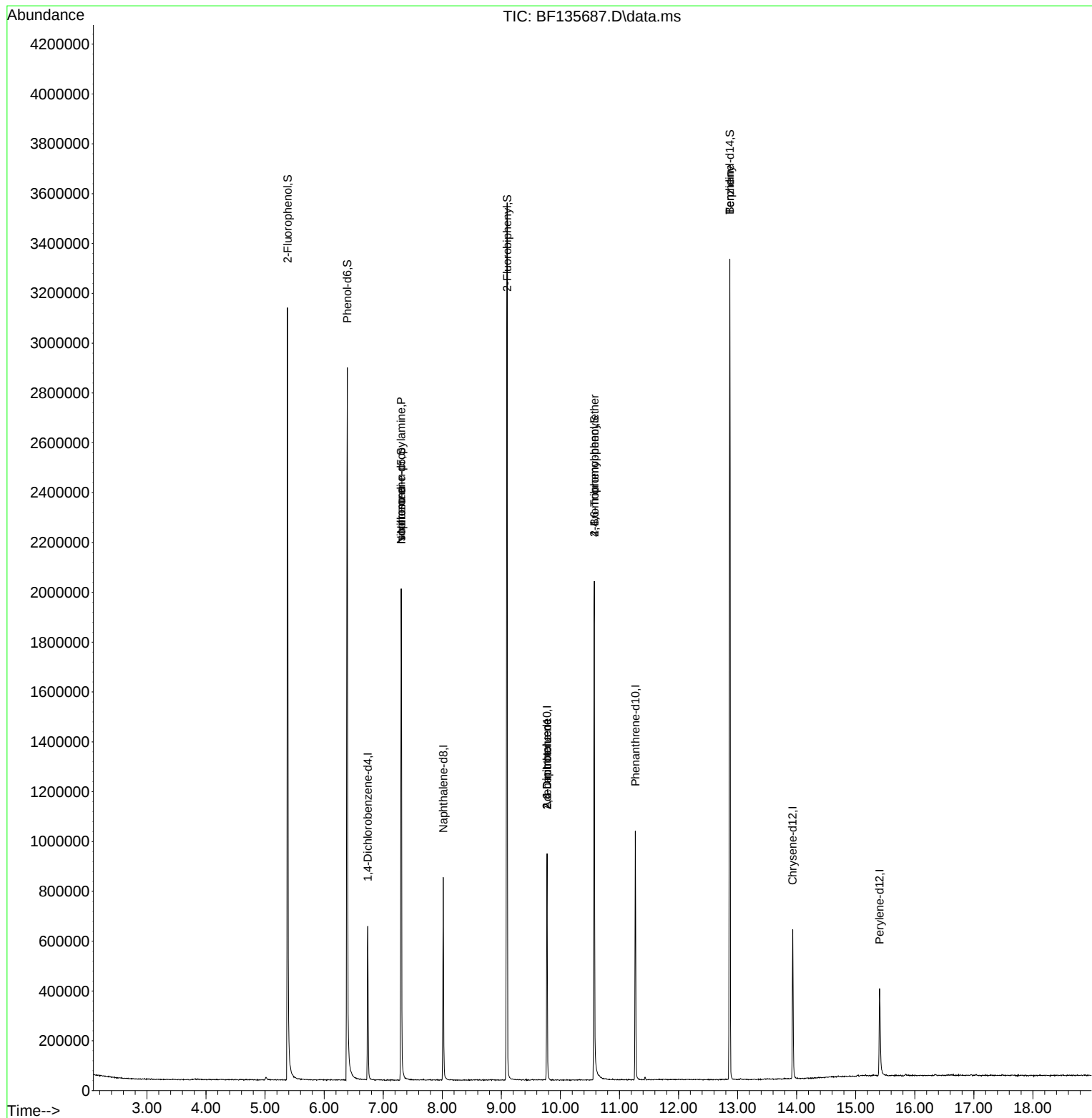
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	95768	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	369208	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	187417	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	384625	20.000	ng	0.00
76) Chrysene-d12	13.933	240	220737	20.000	ng	0.00
86) Perylene-d12	15.404	264	200848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	859537	145.977	ng	0.01
7) Phenol-d6	6.393	99	1069355	142.825	ng	0.00
23) Nitrobenzene-d5	7.304	82	684097	100.666	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	276685	148.558	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1214880	97.799	ng	0.00
79) Terphenyl-d14	12.869	244	1299855	91.286	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	90345	19.481	ng	# 80
25) Isophorone	7.304	82	684097	54.821	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	23761	8.560	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	23761	6.837	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	16699	4.365	ng	# 1
77) Benzidine	12.869	184	16622	3.676	ng	96

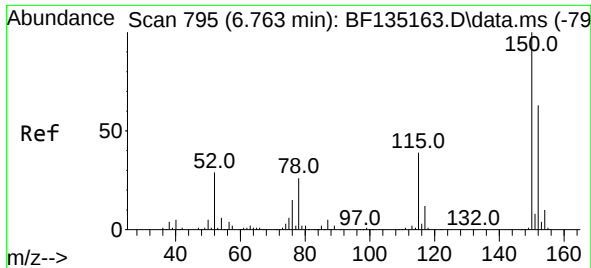
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135687.D
Acq On : 10 Oct 2023 16:25
Operator : CG\JU
Sample : PB155881BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB155881BL

Quant Time: Oct 11 02:58:45 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 11 02:43:17 2023
Response via : Initial Calibration

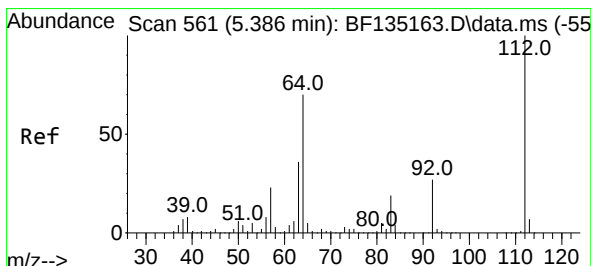
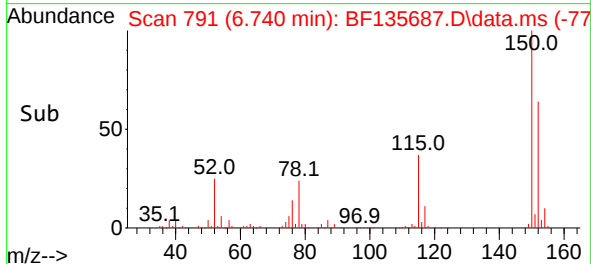
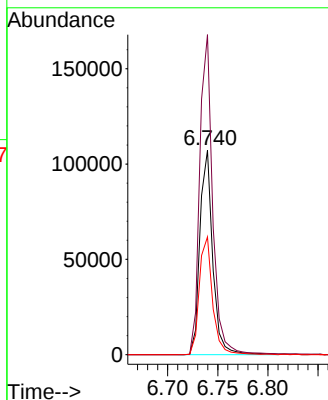
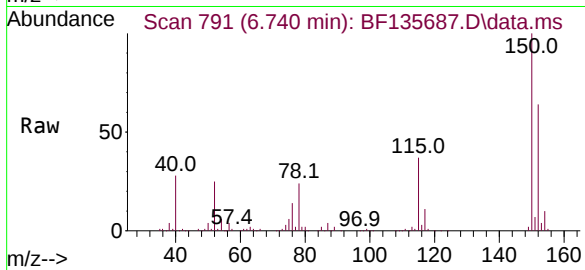




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135687.D
Acq: 10 Oct 2023 16:25

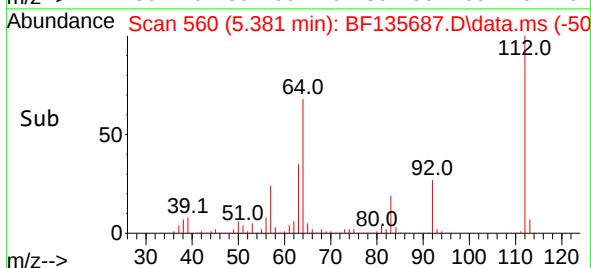
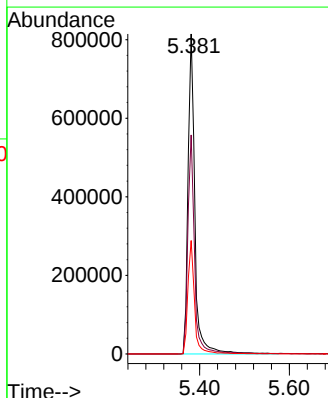
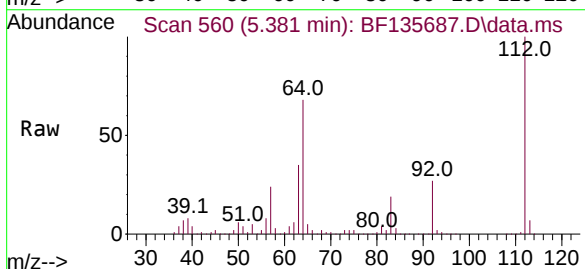
Instrument :
BNA_F
ClientSampleId :
PB155881BL

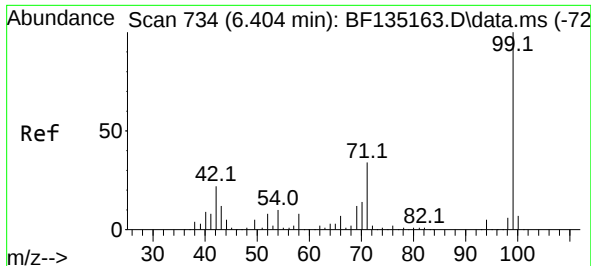
Tgt Ion:152 Resp: 95768
Ion Ratio Lower Upper
152 100
150 156.6 127.8 191.6
115 57.6 49.8 74.8



#5
2-Fluorophenol
Concen: 145.977 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135687.D
Acq: 10 Oct 2023 16:25

Tgt Ion:112 Resp: 859537
Ion Ratio Lower Upper
112 100
64 68.4 55.9 83.9
63 35.5 29.0 43.6





#7

Phenol-d6

Concen: 142.825 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135687.D

Acq: 10 Oct 2023 16:25

Instrument :

BNA_F

ClientSampleId :

PB155881BL

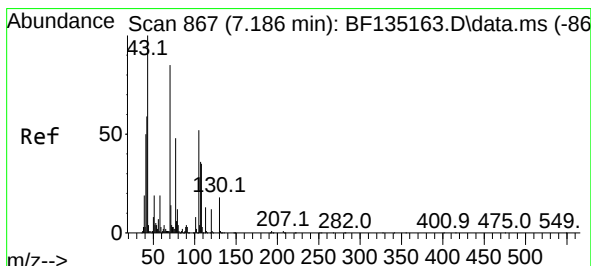
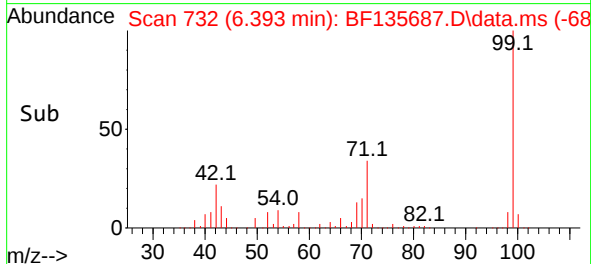
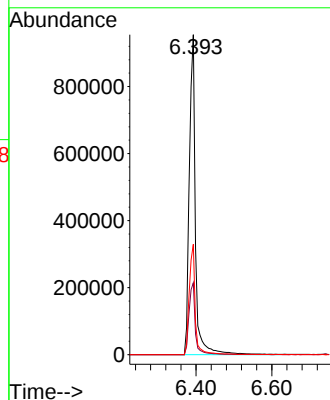
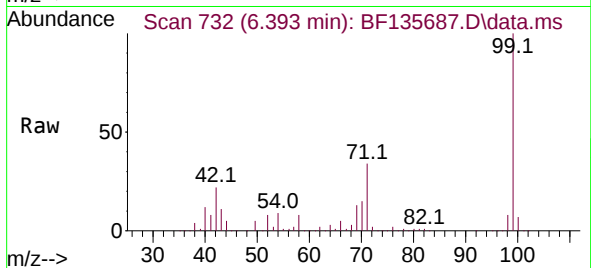
Tgt Ion: 99 Resp: 1069355

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

71 34.5 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.481 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF135687.D

Acq: 10 Oct 2023 16:25

Tgt Ion: 70 Resp: 90345

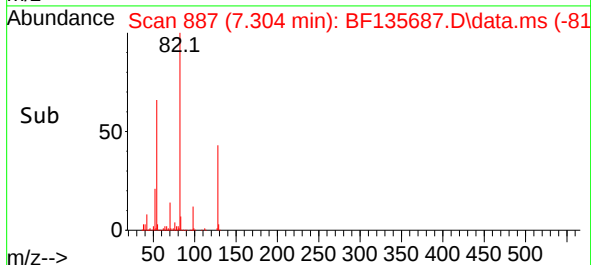
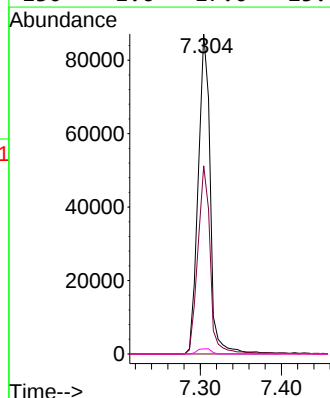
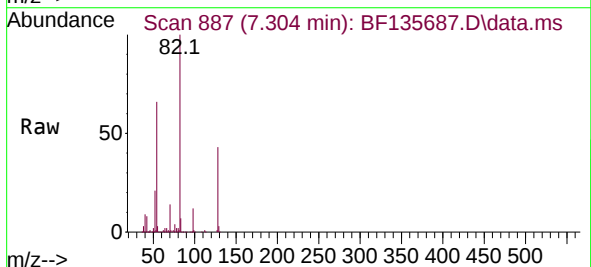
Ion Ratio Lower Upper

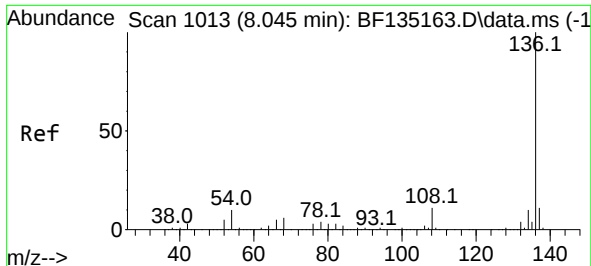
70 100

42 58.8 55.4 83.0

101 0.0 7.7 11.5#

130 1.6 17.0 25.6#





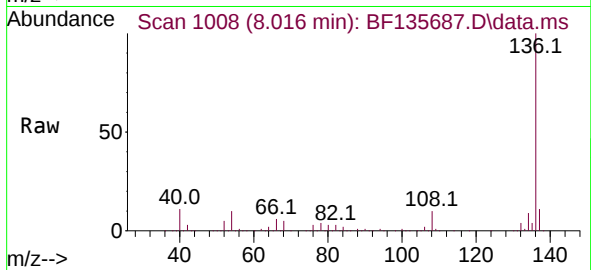
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135687.D
Acq: 10 Oct 2023 16:25

Instrument :

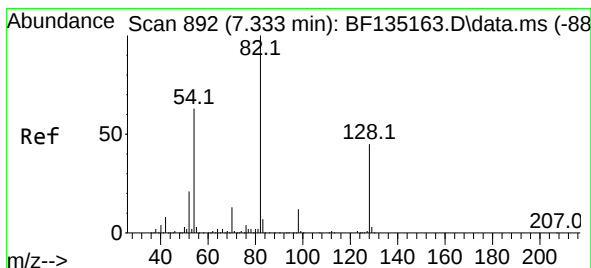
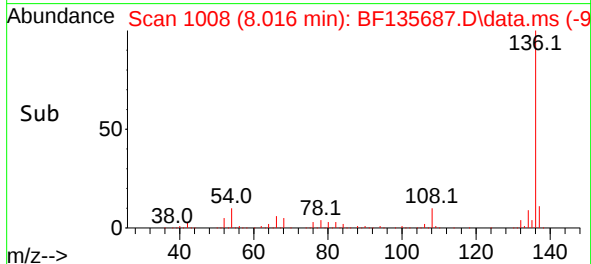
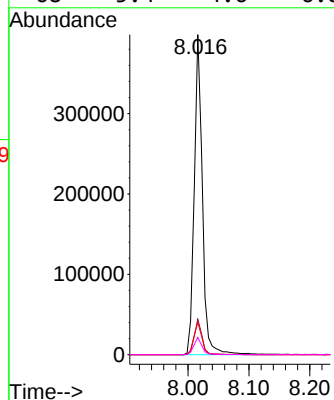
BNA_F

ClientSampleId :

PB155881BL

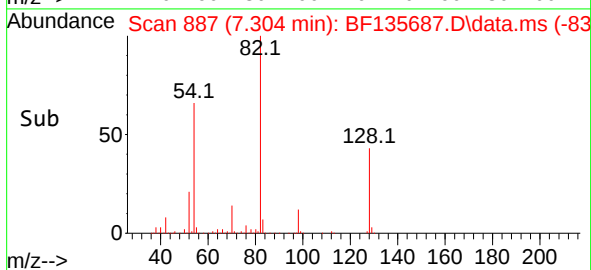
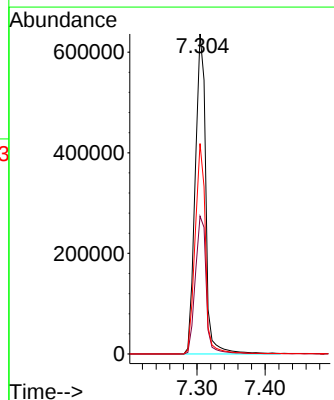
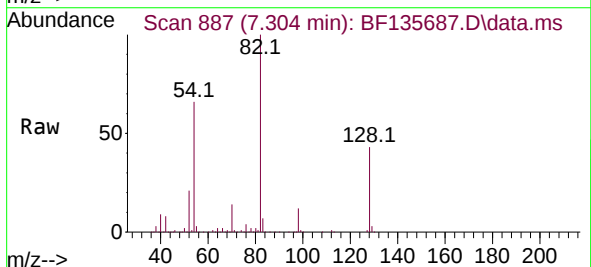


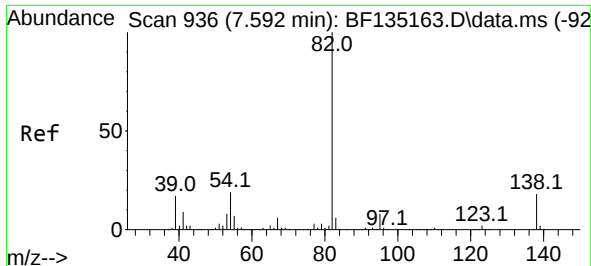
Tgt Ion:136 Resp: 369208
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.1 7.7 11.5
68 5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 100.666 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135687.D
Acq: 10 Oct 2023 16:25

Tgt Ion: 82 Resp: 684097
Ion Ratio Lower Upper
82 100
128 43.1 35.8 53.6
54 65.7 50.6 76.0

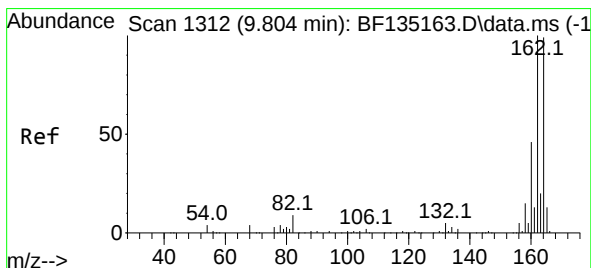
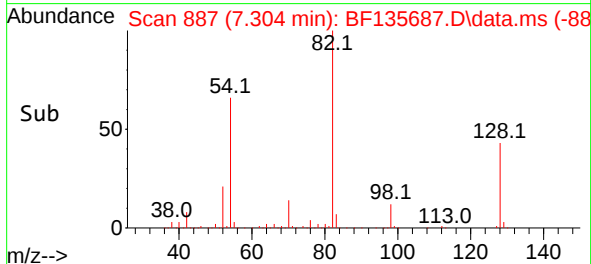
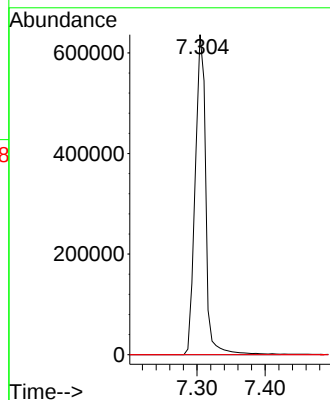
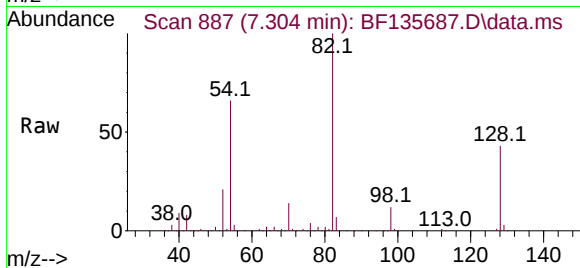




#25
Isophorone
Concen: 54.821 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135687.D
Acq: 10 Oct 2023 16:25

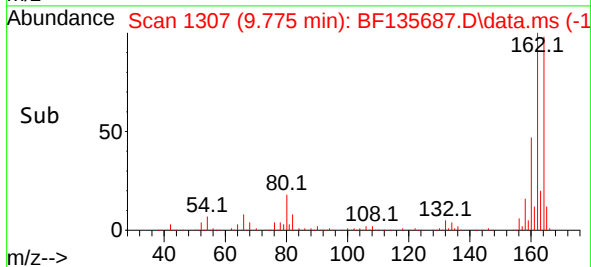
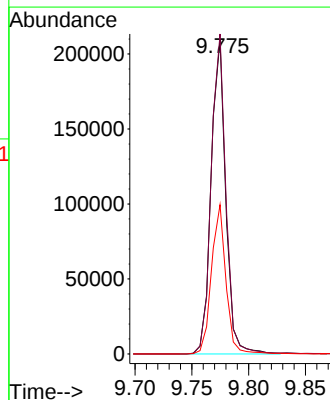
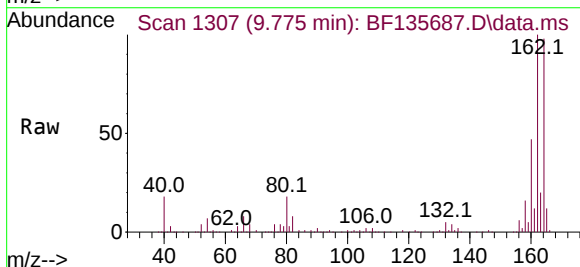
Instrument :
BNA_F
ClientSampleId :
PB155881BL

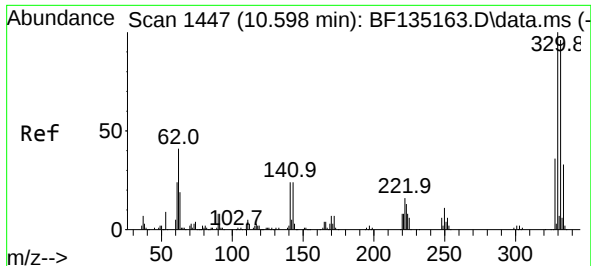
Tgt Ion: 82 Resp: 684097
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135687.D
Acq: 10 Oct 2023 16:25

Tgt Ion: 164 Resp: 187417
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 47.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 148.558 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF135687.D

Acq: 10 Oct 2023 16:25

Instrument :

BNA_F

ClientSampleId :

PB155881BL

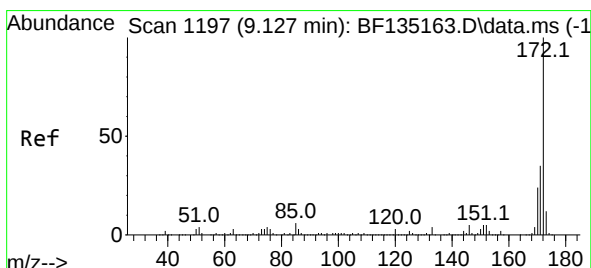
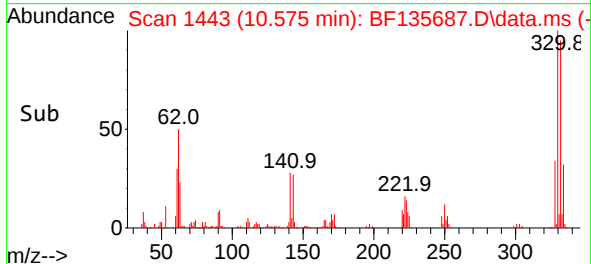
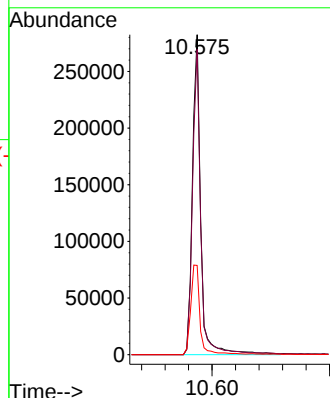
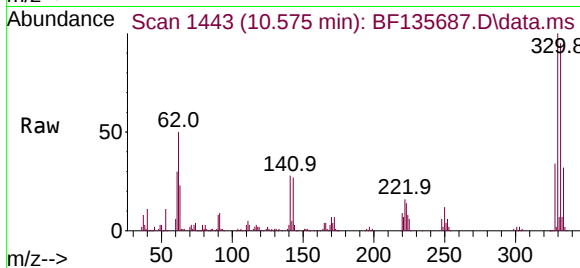
Tgt Ion:330 Resp: 276685

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 31.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 97.799 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135687.D

Acq: 10 Oct 2023 16:25

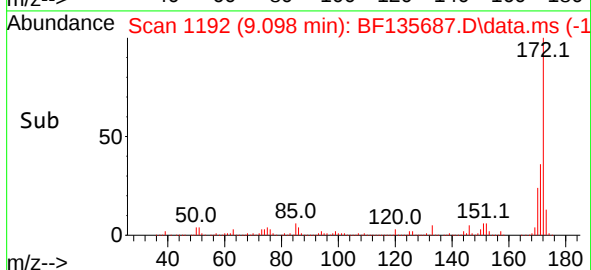
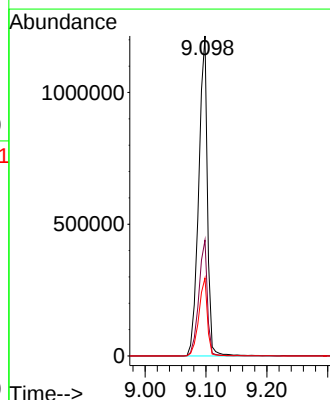
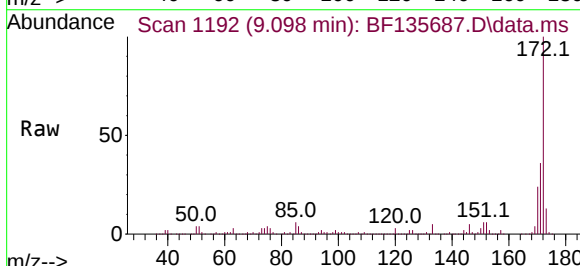
Tgt Ion:172 Resp: 1214880

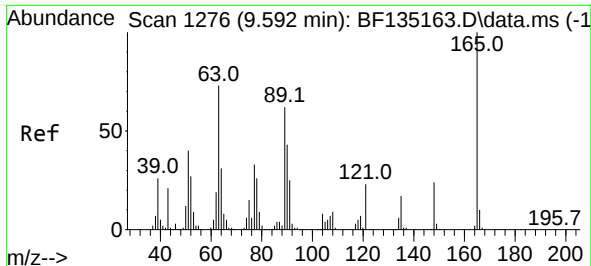
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.4 19.0 28.4

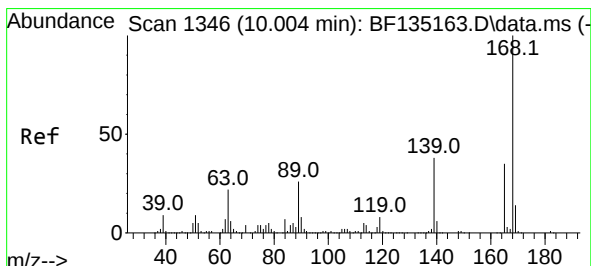
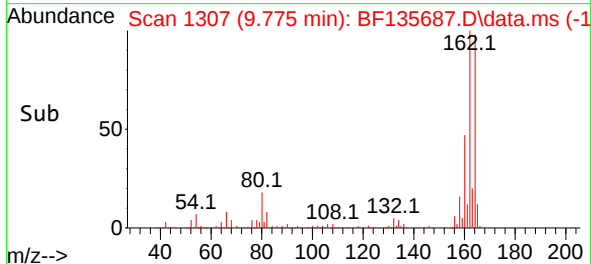
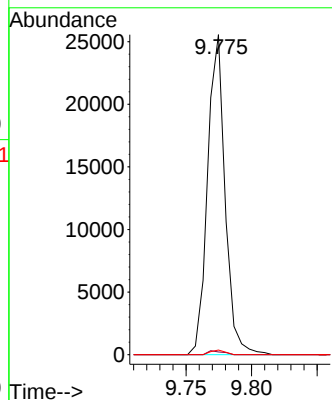
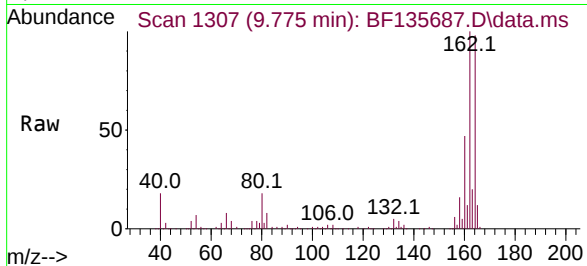




#51
2,6-Dinitrotoluene
Concen: 8.560 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135687.D
Acq: 10 Oct 2023 16:25

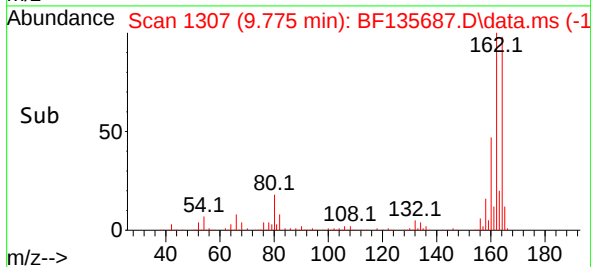
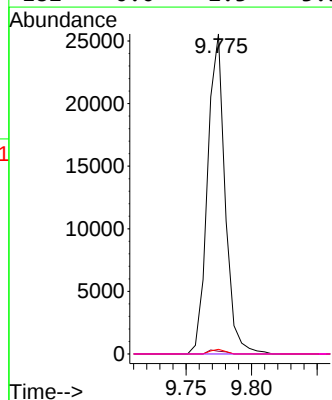
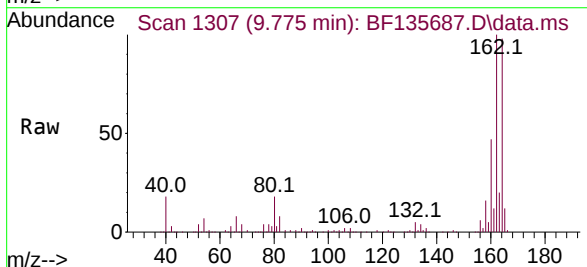
Instrument :
BNA_F
ClientSampleId :
PB155881BL

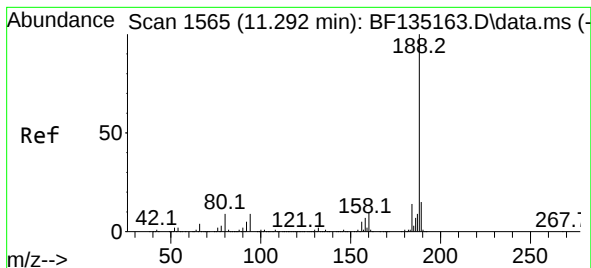
Tgt Ion:165 Resp: 23761
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.5 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.837 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.218 min
Lab File: BF135687.D
Acq: 10 Oct 2023 16:25

Tgt Ion:165 Resp: 23761
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135687.D

Acq: 10 Oct 2023 16:25

Instrument :

BNA_F

ClientSampleId :

PB155881BL

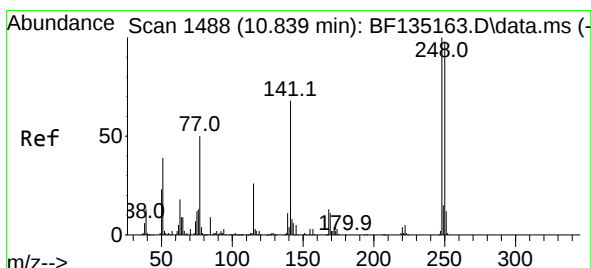
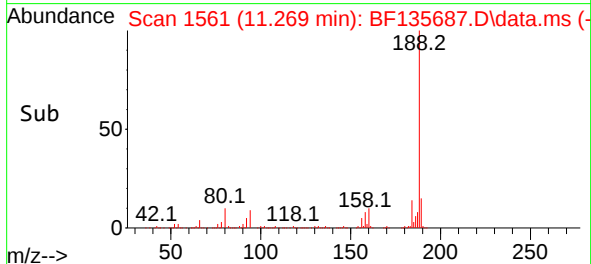
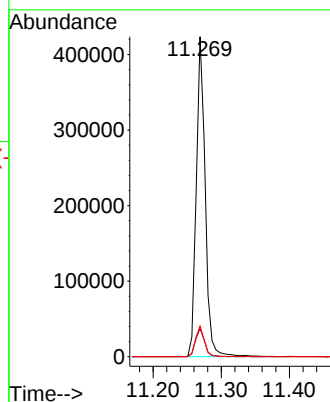
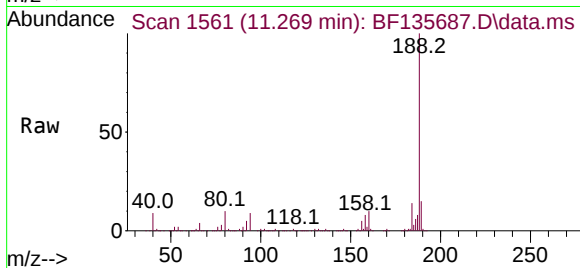
Tgt Ion:188 Resp: 384625

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.6 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.365 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF135687.D

Acq: 10 Oct 2023 16:25

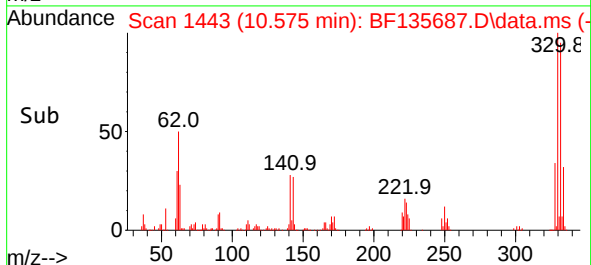
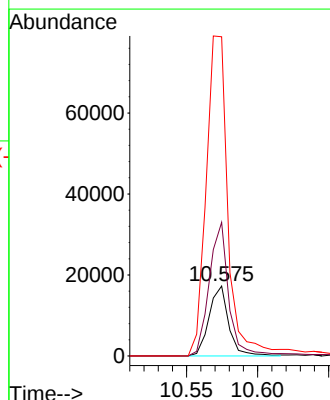
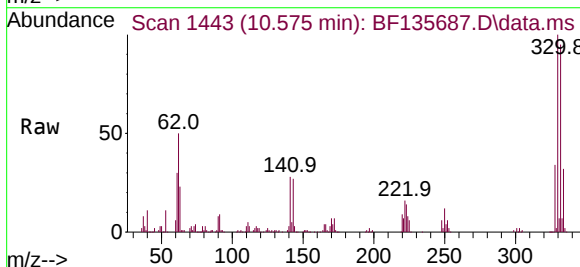
Tgt Ion:248 Resp: 16699

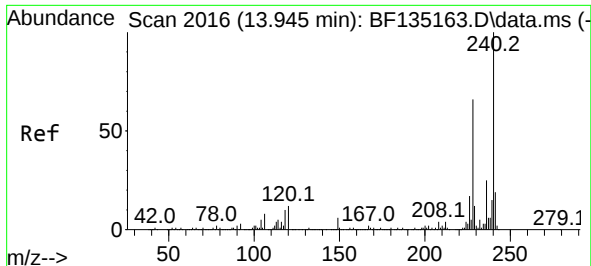
Ion Ratio Lower Upper

248 100

250 191.1 78.6 117.8#

141 456.3 54.2 81.2#

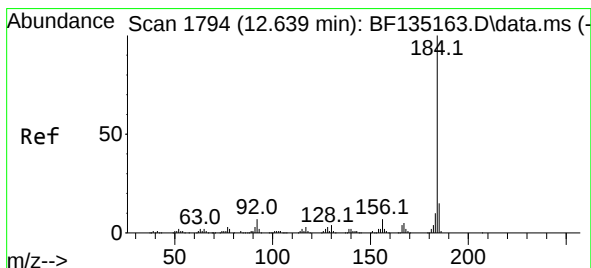
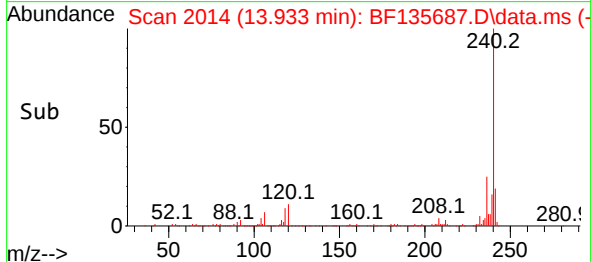
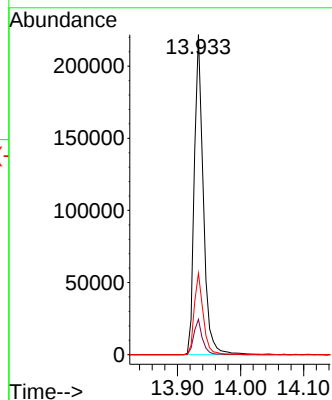
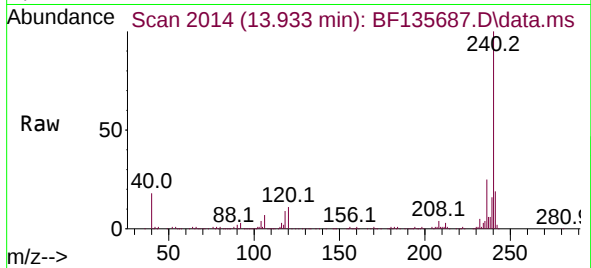




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF135687.D
Acq: 10 Oct 2023 16:25

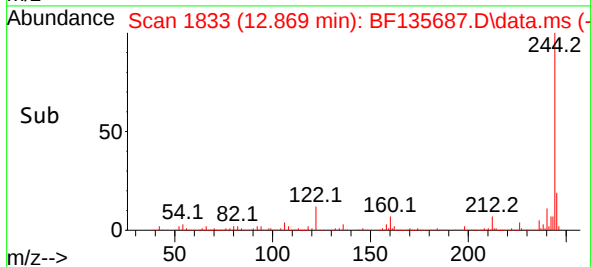
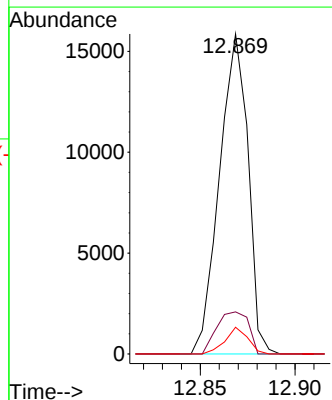
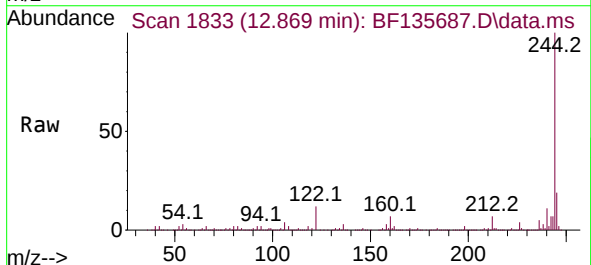
Instrument :
BNA_F
ClientSampleId :
PB155881BL

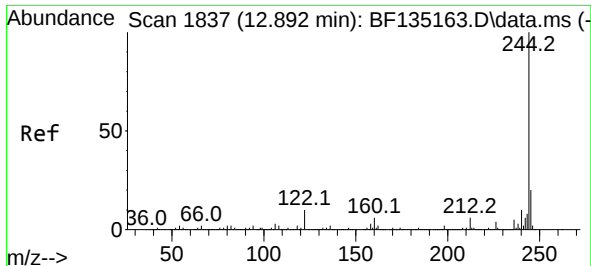
Tgt Ion:240 Resp: 220737
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 25.5 19.8 29.8



#77
Benzidine
Concen: 3.676 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.241 min
Lab File: BF135687.D
Acq: 10 Oct 2023 16:25

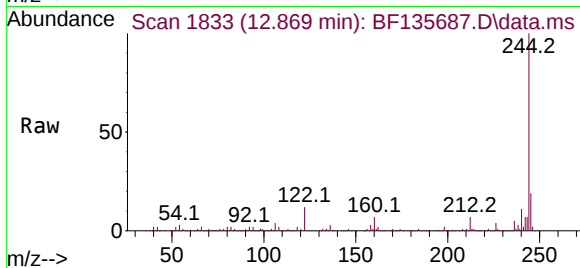
Tgt Ion:184 Resp: 16622
Ion Ratio Lower Upper
184 100
185 13.2 11.7 17.5
183 8.4 8.2 12.4



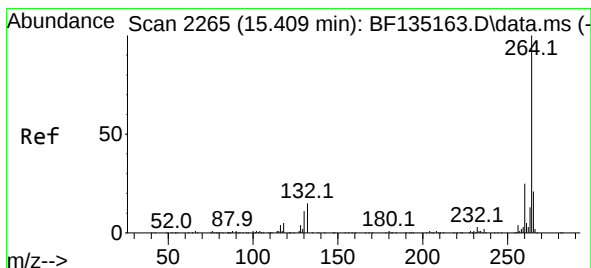
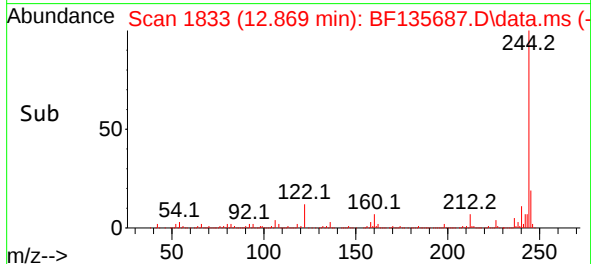
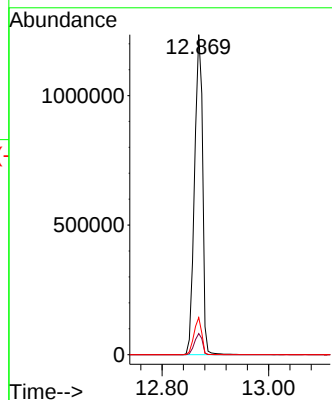


#79
 Terphenyl-d14
 Concen: 91.286 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF135687.D
 Acq: 10 Oct 2023 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB155881BL



Tgt Ion:244 Resp: 1299855
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.6 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.000 min
 Lab File: BF135687.D
 Acq: 10 Oct 2023 16:25

Tgt Ion:264 Resp: 200848
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.8 29.6
 265 21.3 17.0 25.4

