

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135887.D
 Acq On : 19 Oct 2023 15:35
 Operator : CG\JU
 Sample : 04788-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1

Quant Time: Oct 20 01:46:06 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)

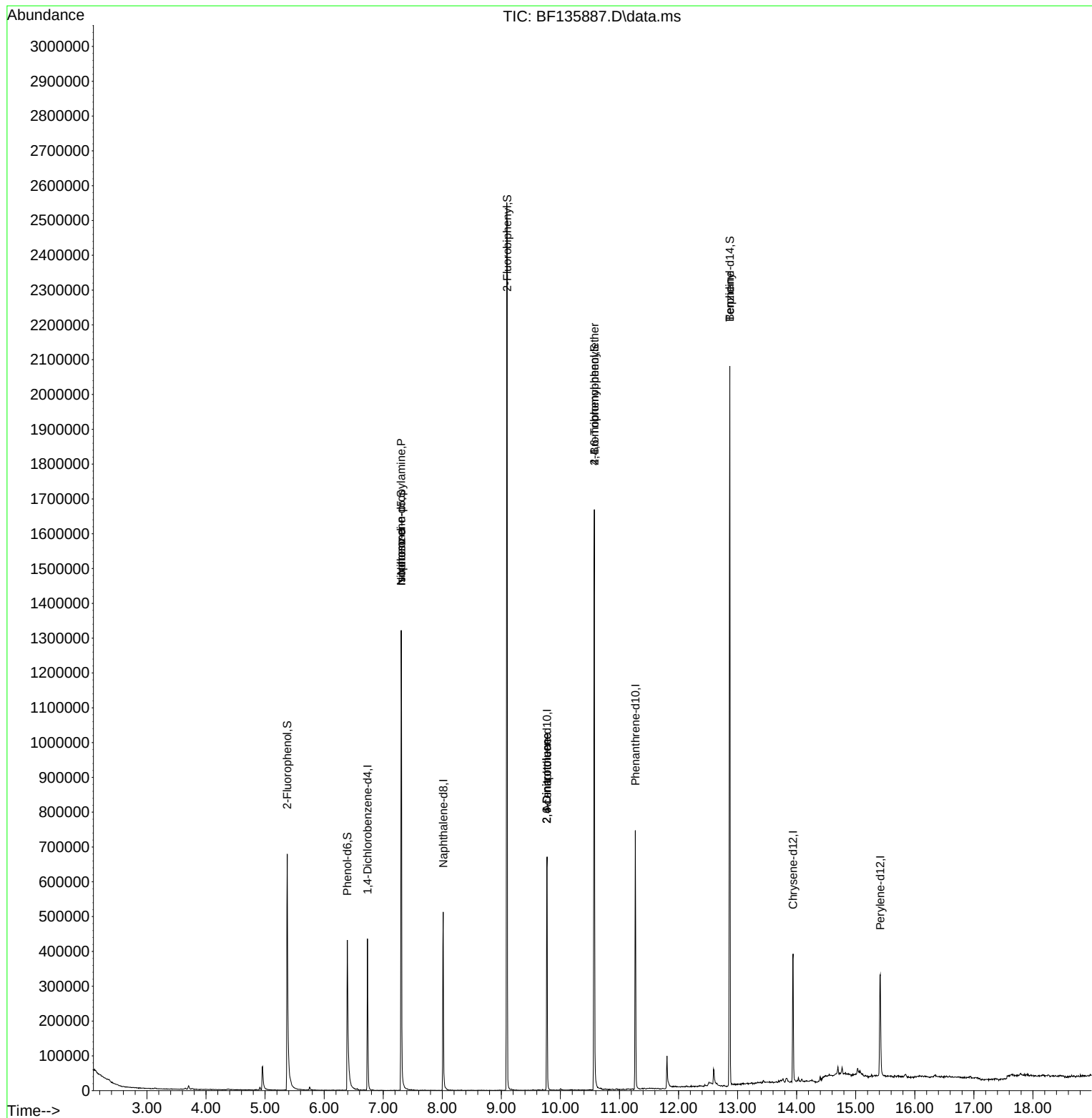
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	62014	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	231453	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	140966	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	271061	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	135352	20.000	ng	-0.01
86) Perylene-d12	15.415	264	148268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	245180	63.564	ng	0.00
7) Phenol-d6	6.393	99	200677	41.697	ng	0.00
23) Nitrobenzene-d5	7.304	82	413773	98.323	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	206264	152.485	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	822309	91.206	ng	0.00
79) Terphenyl-d14	12.869	244	717404	98.157	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	54694	18.380	ng	# 76
25) Isophorone	7.304	82	413770	52.117	ng	# 66
51) 2,6-Dinitrotoluene	9.769	165	17999	8.795	ng	# 16
57) 2,4-Dinitrotoluene	9.769	165	17999	6.914	ng	# 24
67) 4-Bromophenyl-phenylether	10.575	248	12335	4.533	ng	# 1
77) Benzidine	12.869	184	8813	2.984	ng	# 94

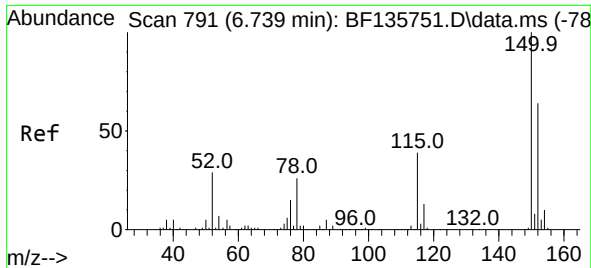
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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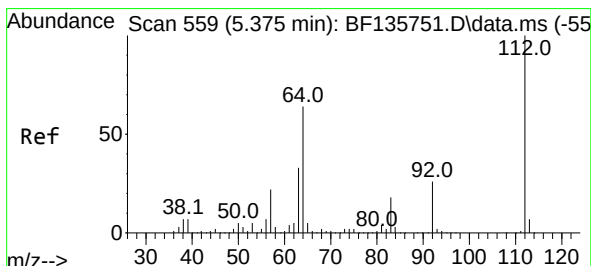
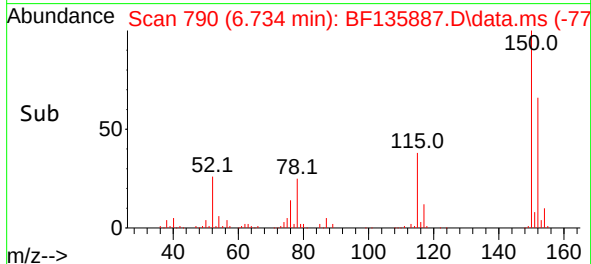
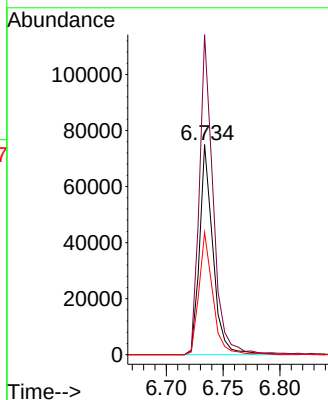
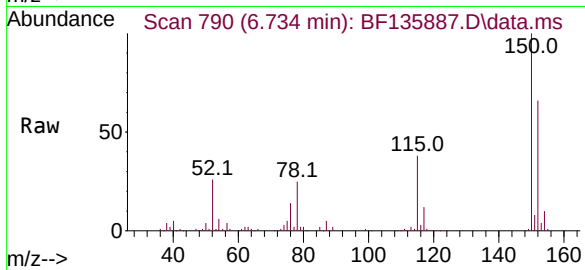




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

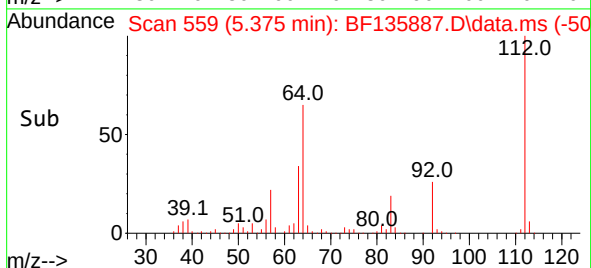
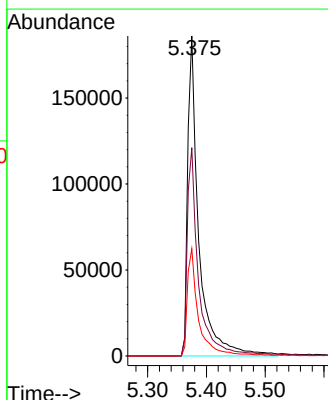
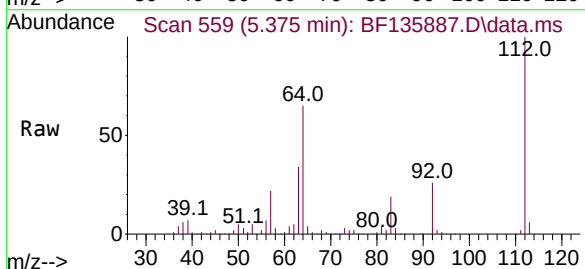
Instrument :
BNA_F
ClientSampleId :
PMW-1

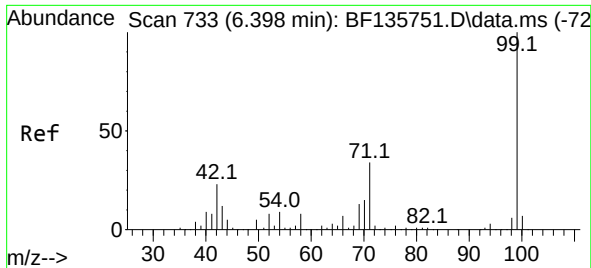
Tgt Ion:152 Resp: 62014
Ion Ratio Lower Upper
152 100
150 152.3 124.5 186.7
115 58.2 49.0 73.4



#5
2-Fluorophenol
Concen: 63.564 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

Tgt Ion:112 Resp: 245180
Ion Ratio Lower Upper
112 100
64 65.1 51.2 76.8
63 33.5 26.1 39.1

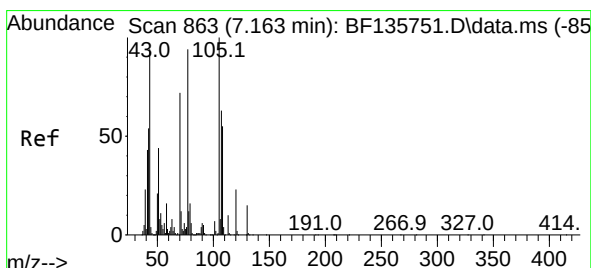
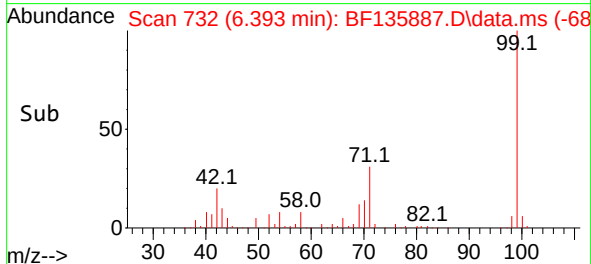
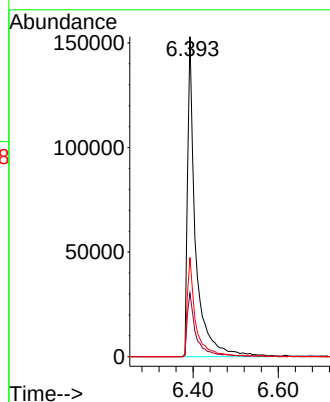
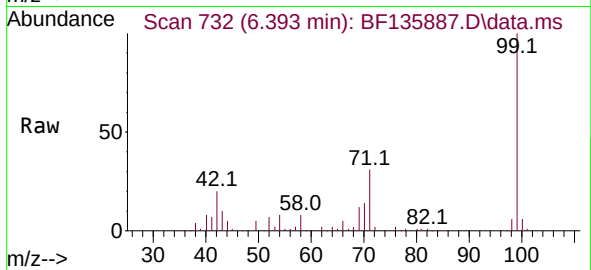




#7
Phenol-d6
Concen: 41.697 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

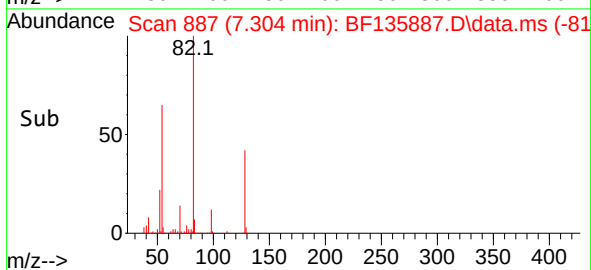
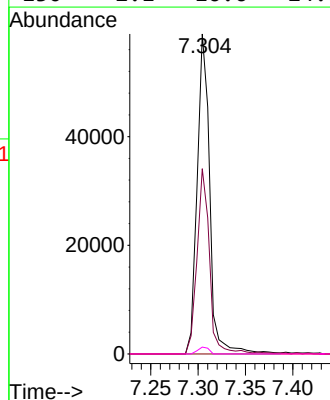
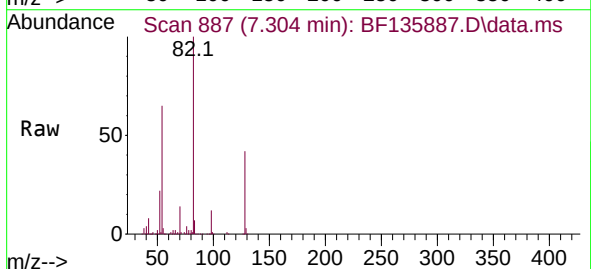
Instrument :
BNA_F
ClientSampleId :
PMW-1

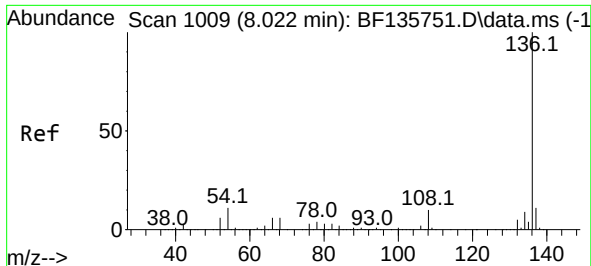
Tgt Ion: 99 Resp: 200677
Ion Ratio Lower Upper
99 100
42 19.9 18.4 27.6
71 31.0 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.380 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

Tgt Ion: 70 Resp: 54694
Ion Ratio Lower Upper
70 100
42 57.9 59.8 89.6#
101 0.0 7.4 11.2#
130 2.1 16.6 24.8#

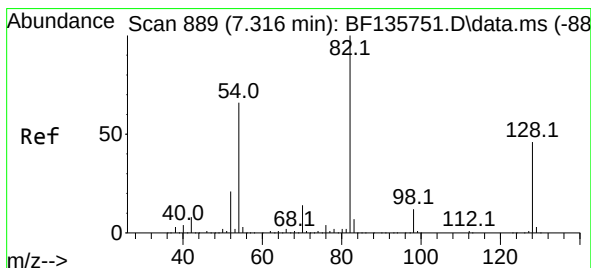
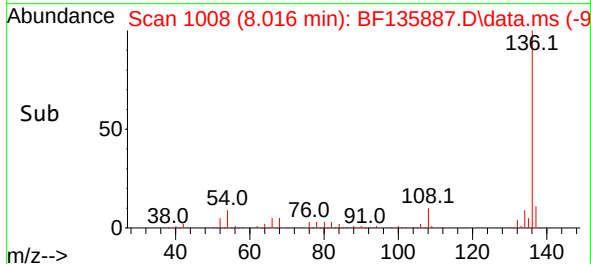
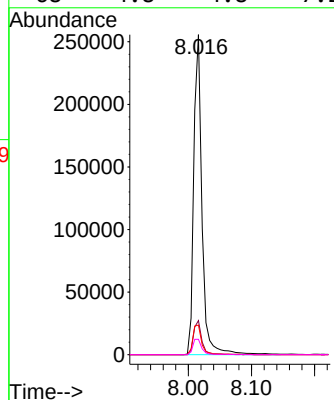
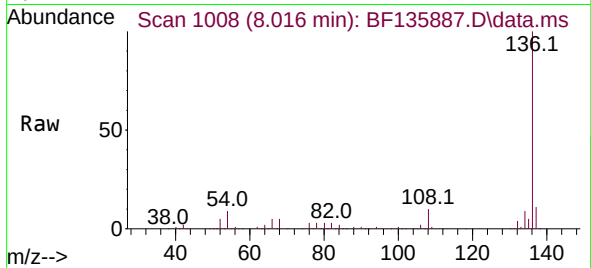




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

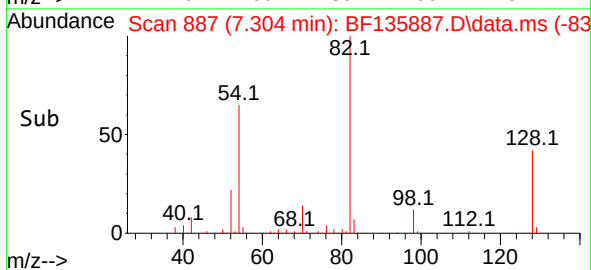
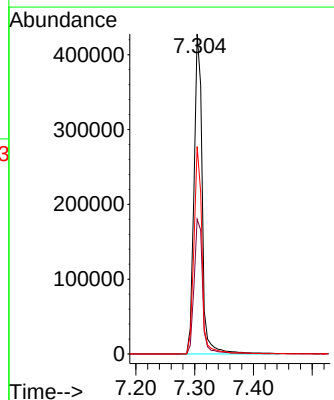
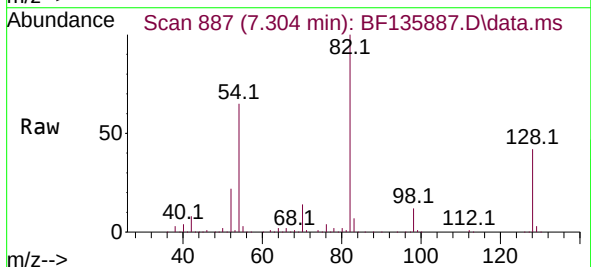
Instrument :
BNA_F
ClientSampleId :
PMW-1

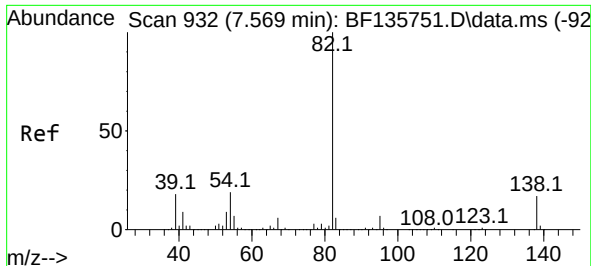
Tgt Ion:136 Resp: 231453
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.3 8.5 12.7
68 4.8 4.8 7.2#



#23
Nitrobenzene-d5
Concen: 98.323 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

Tgt Ion: 82 Resp: 413773
Ion Ratio Lower Upper
82 100
128 42.1 37.0 55.6
54 64.8 52.8 79.2

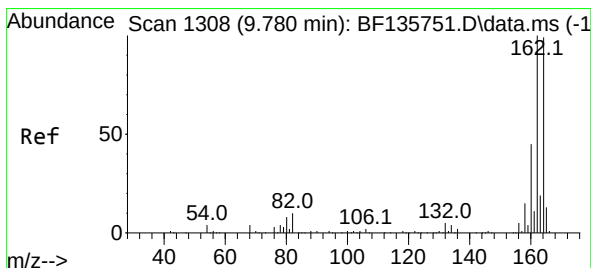
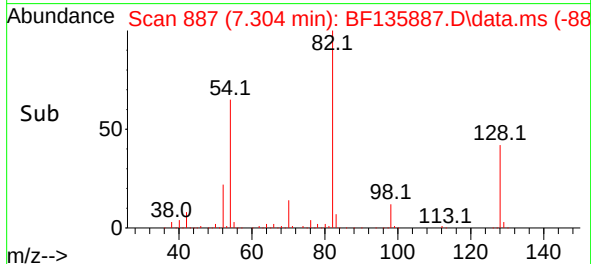
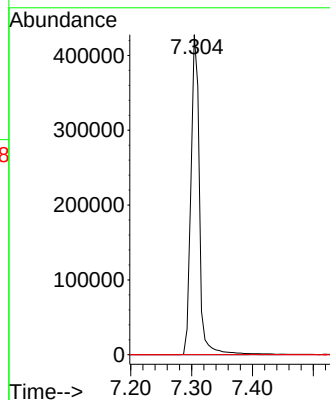
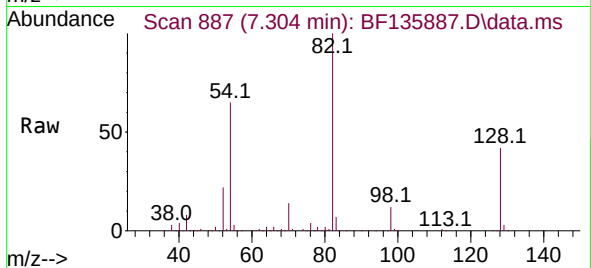




#25
Isophorone
Concen: 52.117 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

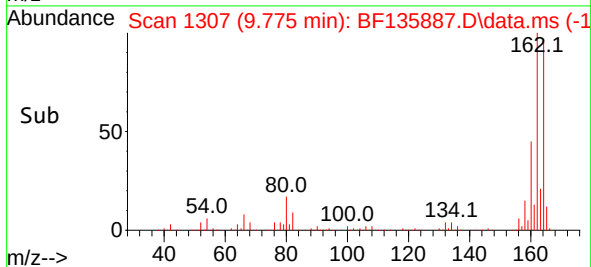
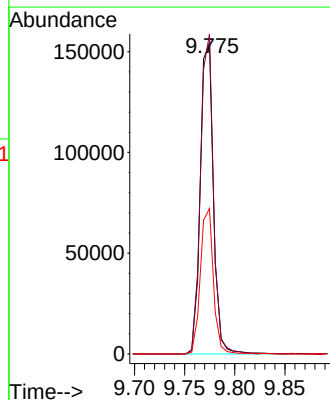
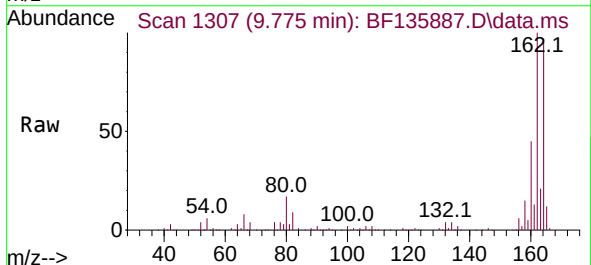
Instrument :
BNA_F
ClientSampleId :
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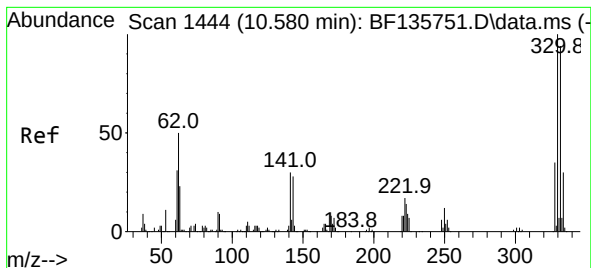
Tgt Ion: 82 Resp: 413770
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

Tgt Ion:164 Resp: 140966
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 46.7 36.6 54.8

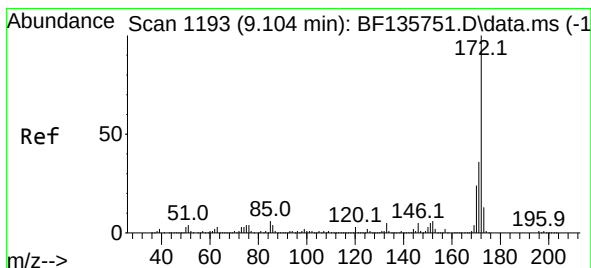
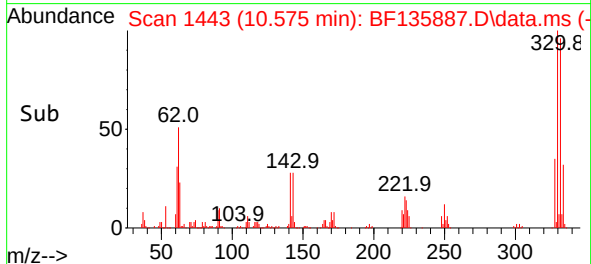
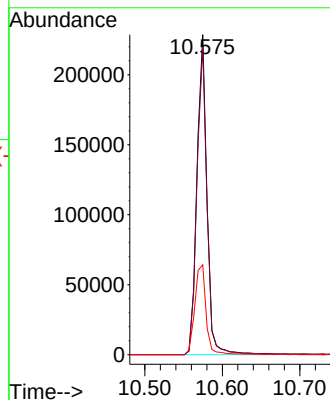
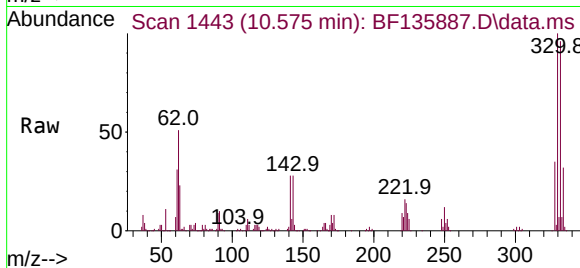




#42
2,4,6-Tribromophenol
Concen: 152.485 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

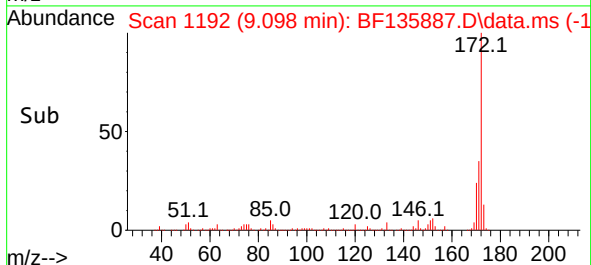
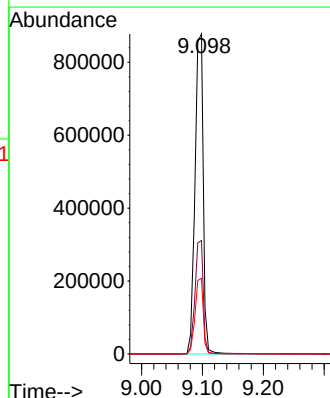
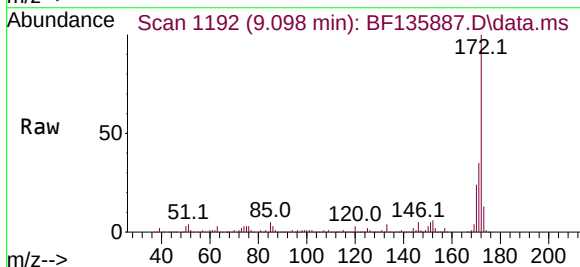
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ClientSampleId :
PMW-1

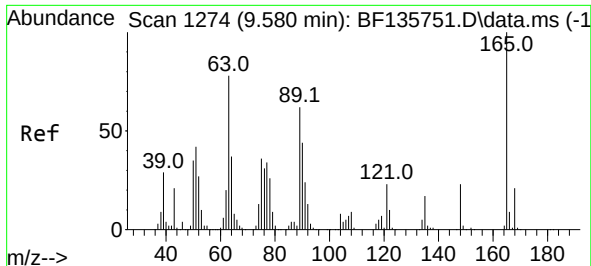
Tgt Ion:330 Resp: 206264
Ion Ratio Lower Upper
330 100
332 96.8 75.0 112.4
141 31.8 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 91.206 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

Tgt Ion:172 Resp: 822309
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.795 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.182 min

Lab File: BF135887.D

Acq: 19 Oct 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PMW-1

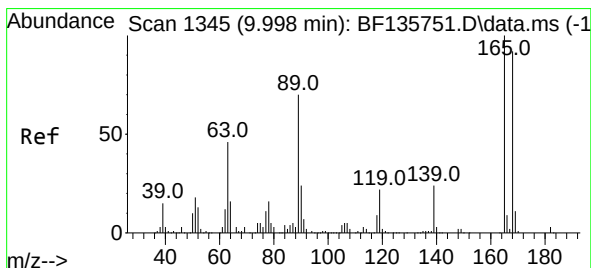
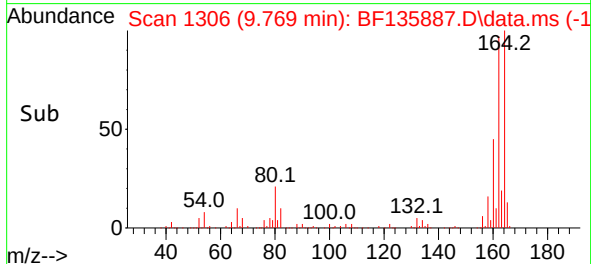
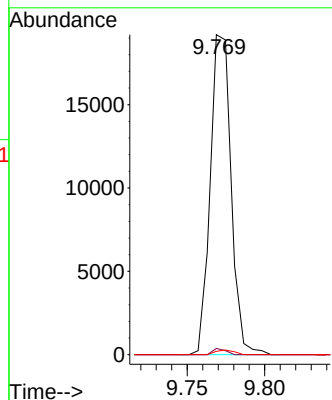
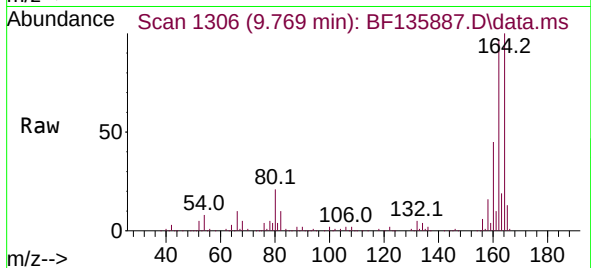
Tgt Ion:165 Resp: 17999

Ion Ratio Lower Upper

165 100

63 2.0 62.2 93.4#

89 1.0 49.6 74.4#



#57

2,4-Dinitrotoluene

Concen: 6.914 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.235 min

Lab File: BF135887.D

Acq: 19 Oct 2023 15:35

Tgt Ion:165 Resp: 17999

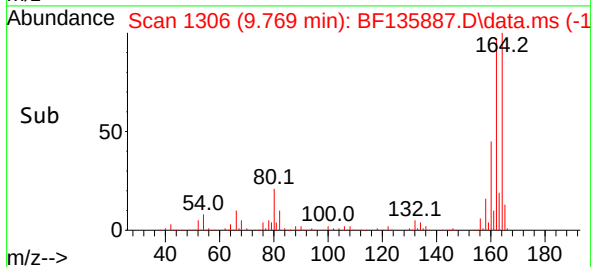
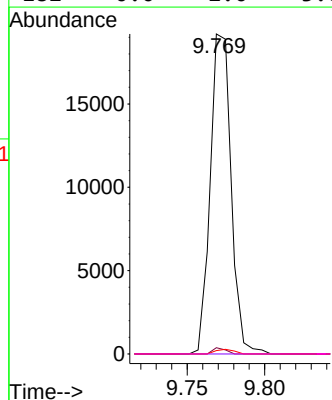
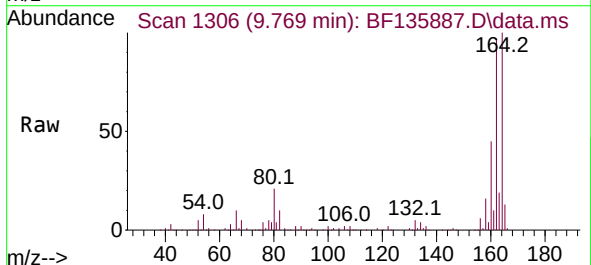
Ion Ratio Lower Upper

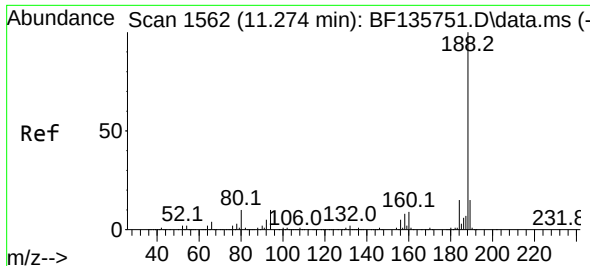
165 100

63 2.0 39.0 58.4#

89 1.0 55.9 83.9#

182 0.0 2.0 3.0#

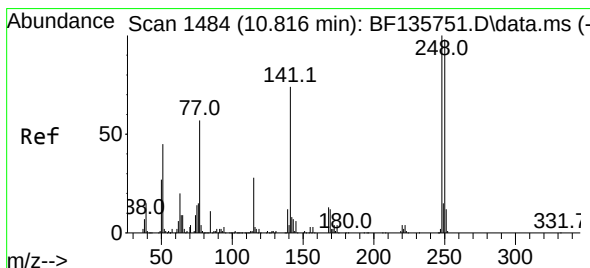
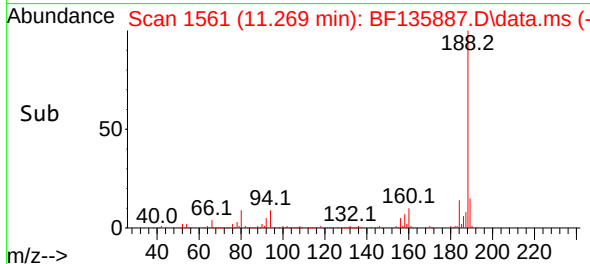
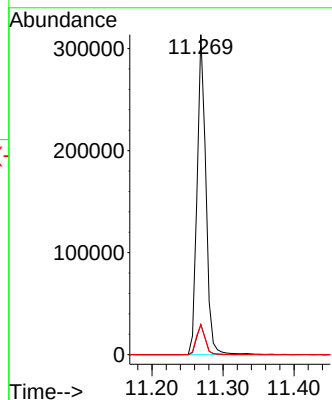
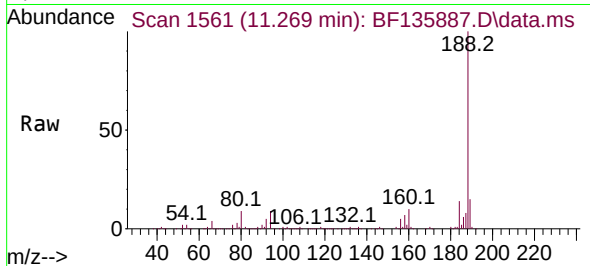




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

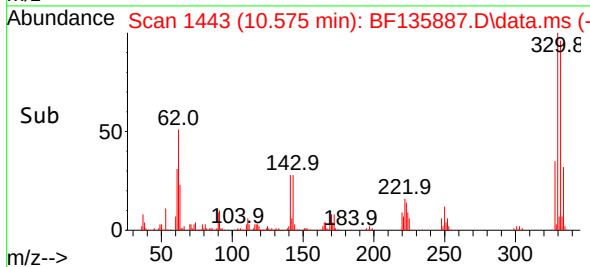
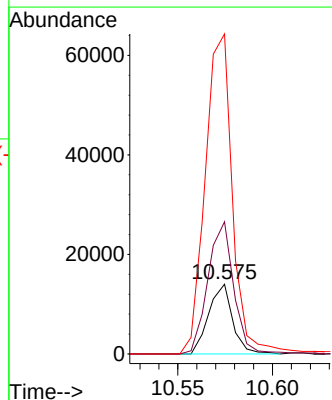
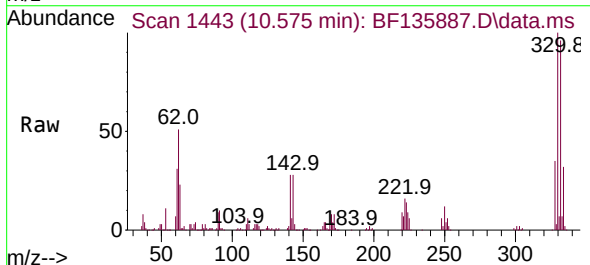
Instrument :
BNA_F
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PMW-1

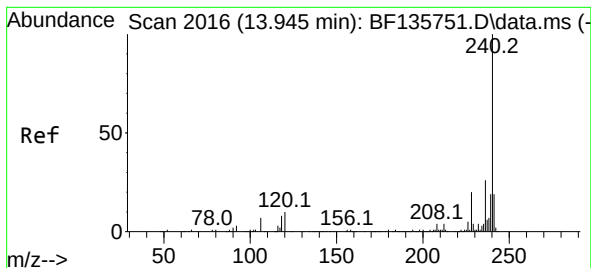
Tgt Ion:188 Resp: 271061
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 9.4 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.533 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.247 min
Lab File: BF135887.D
Acq: 19 Oct 2023 15:35

Tgt Ion:248 Resp: 12335
Ion Ratio Lower Upper
248 100
250 189.3 78.0 117.0#
141 458.2 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: BF135887.D

Acq: 19 Oct 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PMW-1

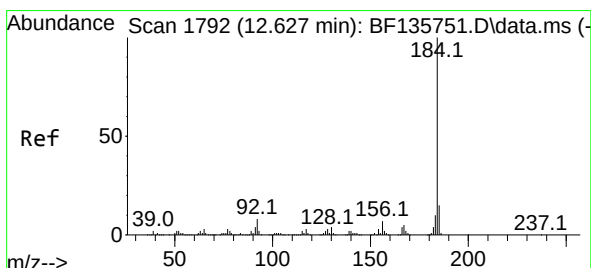
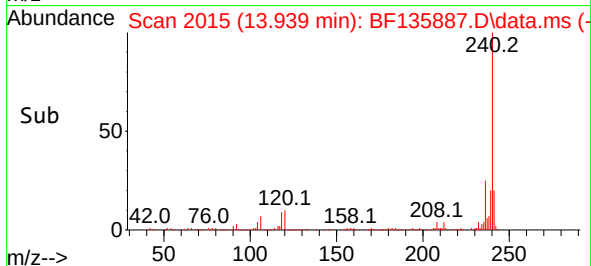
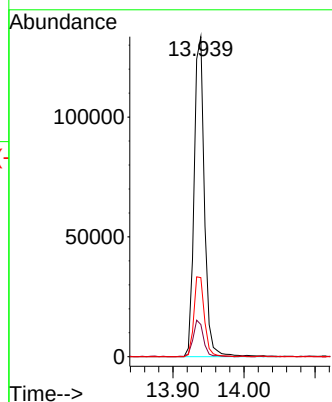
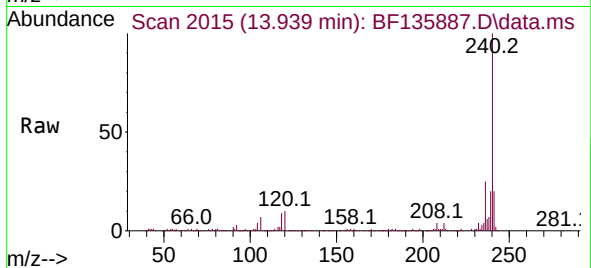
Tgt Ion:240 Resp: 135352

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 24.7 21.2 31.8



#77

Benzidine

Concen: 2.984 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135887.D

Acq: 19 Oct 2023 15:35

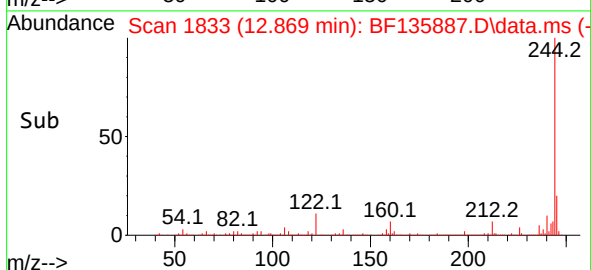
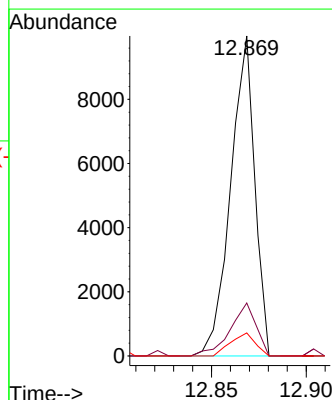
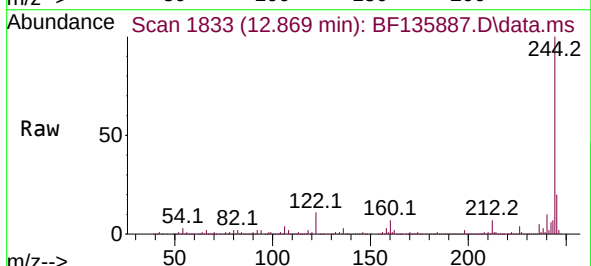
Tgt Ion:184 Resp: 8813

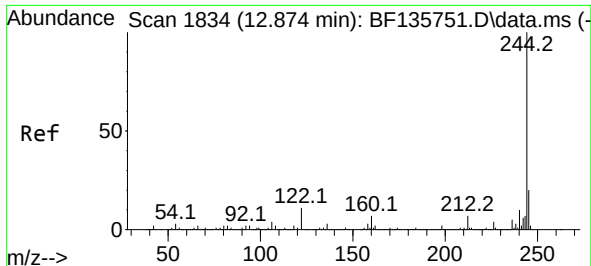
Ion Ratio Lower Upper

184 100

185 16.6 12.0 18.0

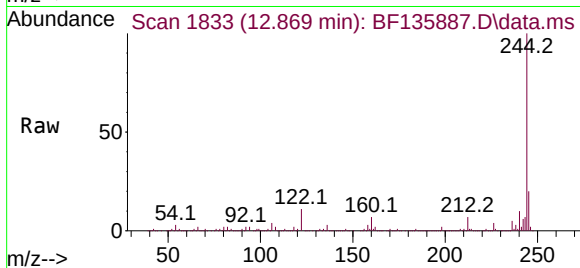
183 7.2 8.2 12.2#



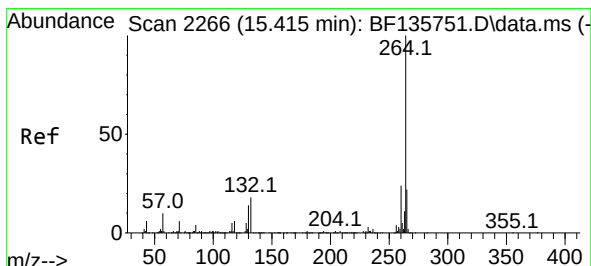
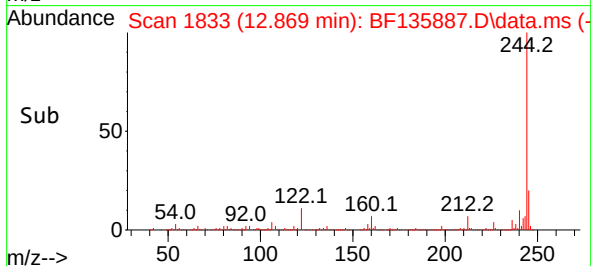
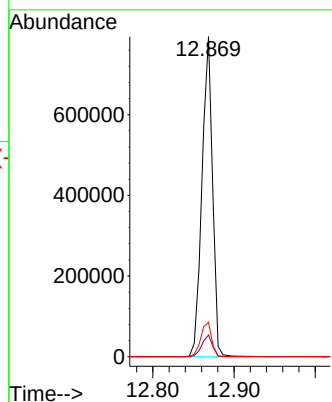


#79
 Terphenyl-d14
 Concen: 98.157 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135887.D
 Acq: 19 Oct 2023 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1



Tgt Ion:244 Resp: 717404
 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: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135887.D
 Acq: 19 Oct 2023 15:35

Tgt Ion:264 Resp: 148268
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.5 17.4 26.2

