

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050624\
 Data File : BF137839.D
 Acq On : 06 May 2024 14:00
 Operator : CG\JU
 Sample : PB160725BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160725BL

Quant Time: May 06 14:49:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

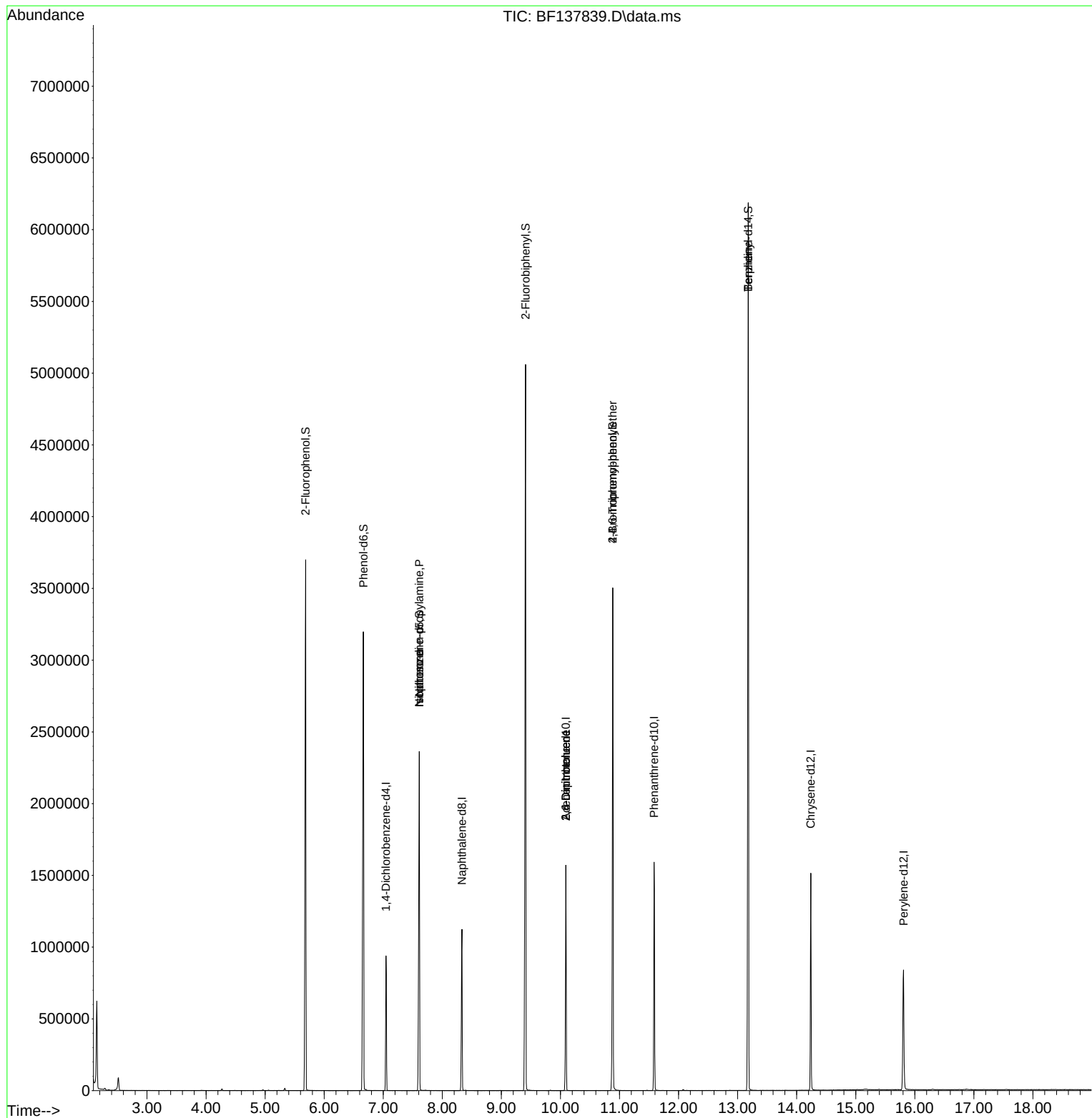
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	143375	20.000	ng	-0.01
21) Naphthalene-d8	8.333	136	563828	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	328352	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	599798	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	476282	20.000	ng	-0.01
86) Perylene-d12	15.809	264	420023	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1136262	132.689	ng	0.01
7) Phenol-d6	6.663	99	1408717	129.695	ng	-0.01
23) Nitrobenzene-d5	7.610	82	868015	89.442	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	474791	141.621	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1840323	90.929	ng	-0.01
79) Terphenyl-d14	13.180	244	2383735	83.875	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	115394	17.777	ng	# 75
25) Isophorone	7.610	82	868005	49.607	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	42019	8.870	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	42019	6.790	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	31281	4.873	ng	# 1
77) Benzidine	13.180	184	29525	2.680	ng	# 93

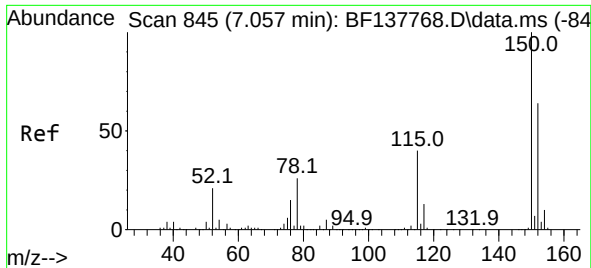
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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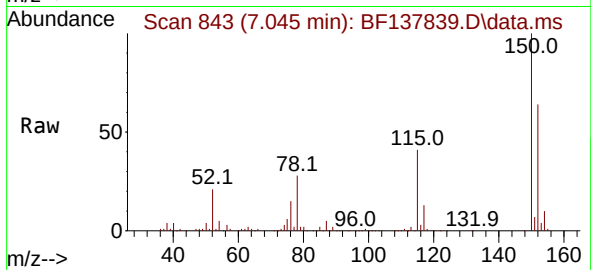
Quant Time: May 06 14:49:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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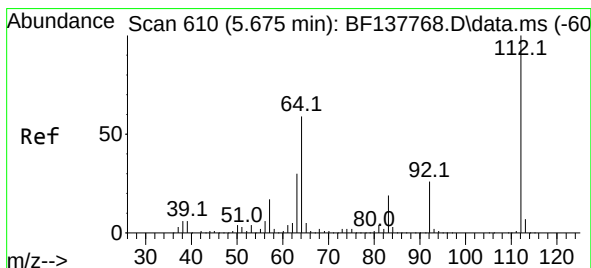
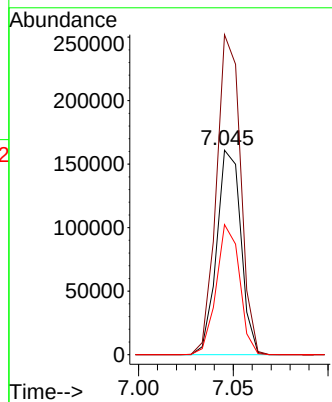
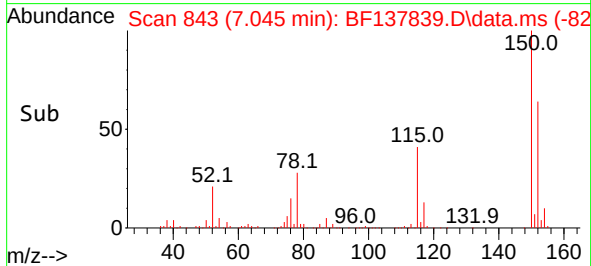


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137839.D
Acq: 06 May 2024 14:00

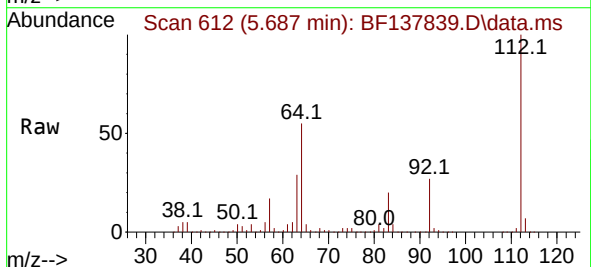
Instrument :
BNA_F
ClientSampleId :
PB160725BL



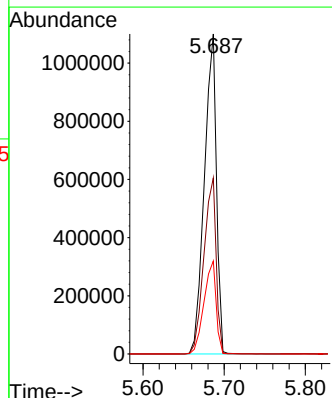
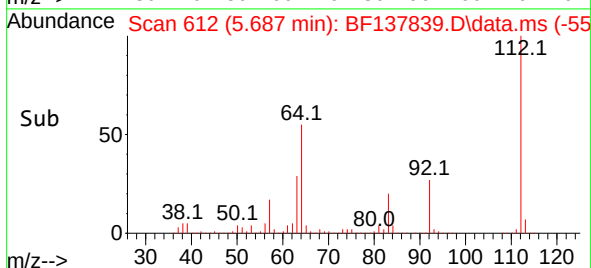
Tgt Ion:152 Resp: 143375
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 63.6 49.1 73.7

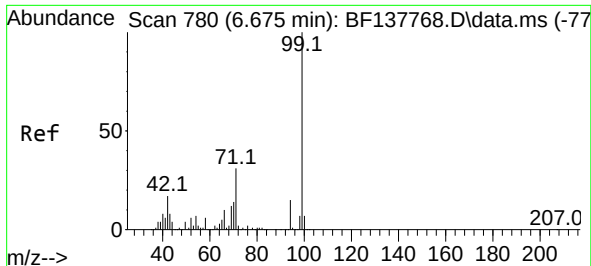


#5
2-Fluorophenol
Concen: 132.689 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137839.D
Acq: 06 May 2024 14:00



Tgt Ion:112 Resp: 1136262
Ion Ratio Lower Upper
112 100
64 55.0 47.3 70.9
63 29.1 23.7 35.5

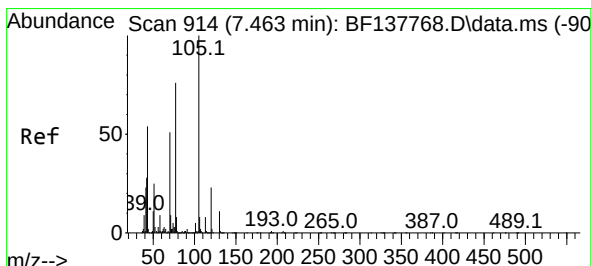
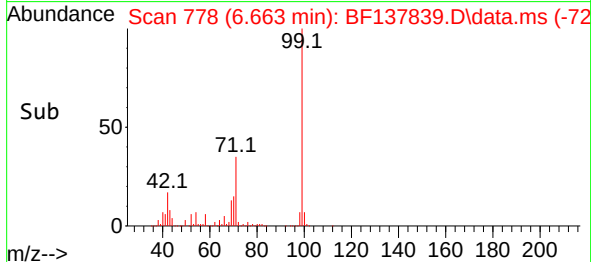
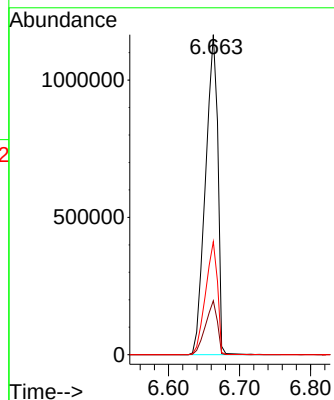
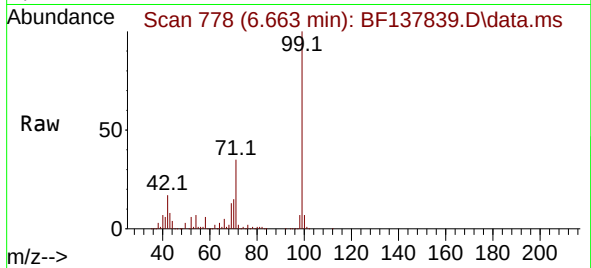




#7
Phenol-d6
Concen: 129.695 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137839.D
Acq: 06 May 2024 14:00

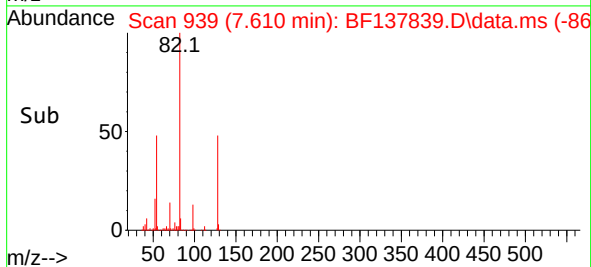
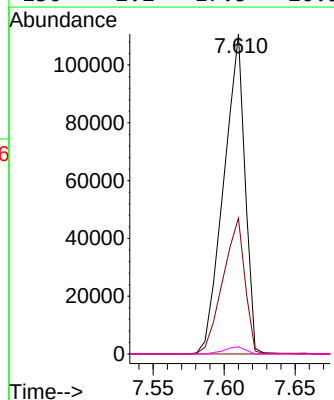
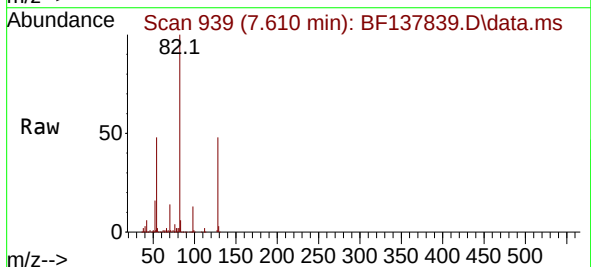
Instrument :
BNA_F
ClientSampleId :
PB160725BL

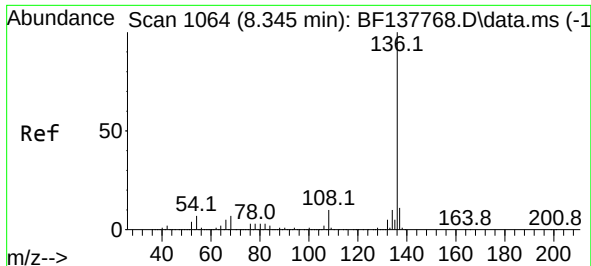
Tgt Ion: 99 Resp: 1408717
Ion Ratio Lower Upper
99 100
42 16.9 13.2 19.8
71 35.3 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.777 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137839.D
Acq: 06 May 2024 14:00

Tgt Ion: 70 Resp: 115394
Ion Ratio Lower Upper
70 100
42 42.5 44.6 66.8#
101 0.0 7.8 11.6#
130 2.2 17.5 26.3#



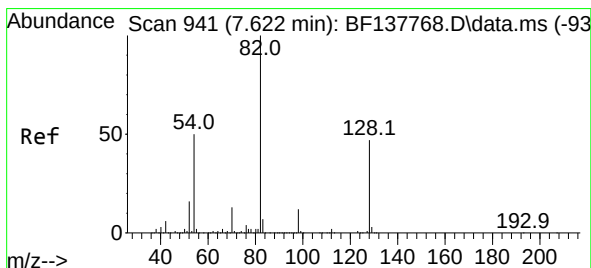
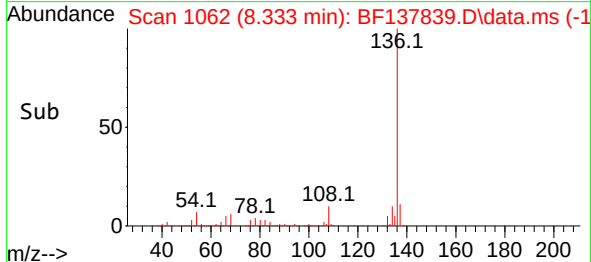
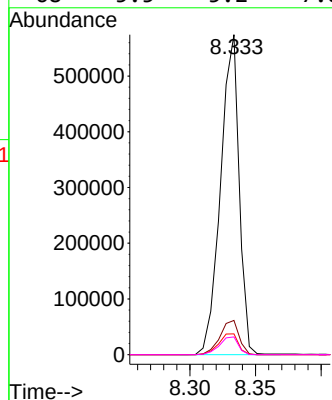
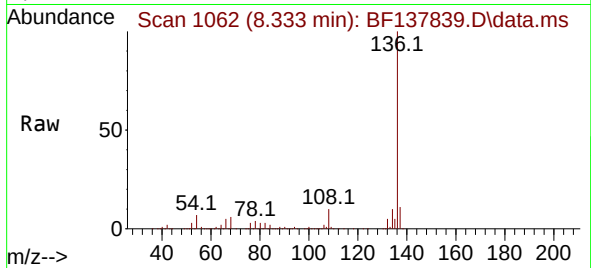


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137839.D
Acq: 06 May 2024 14:00

Instrument :
BNA_F
ClientSampleId :
PB160725BL

Tgt Ion:136 Resp: 563828

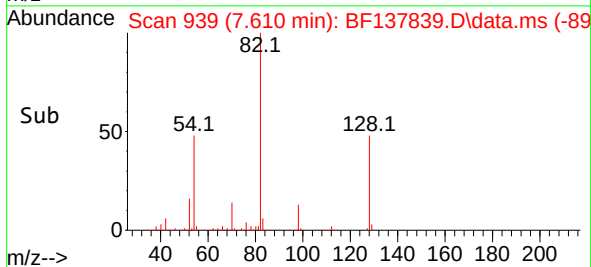
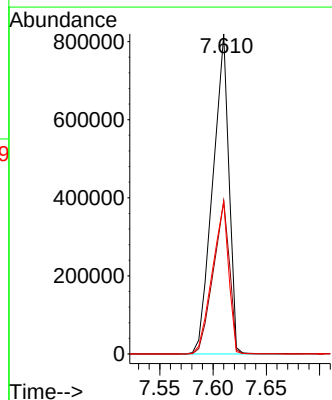
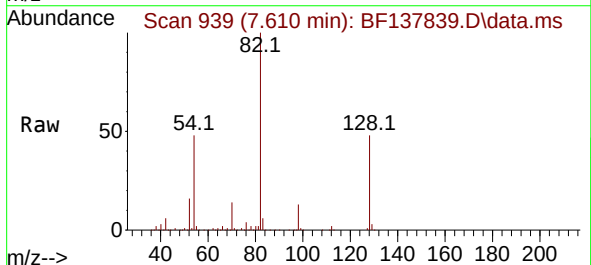
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.8	8.8
68	5.5	5.2	7.8

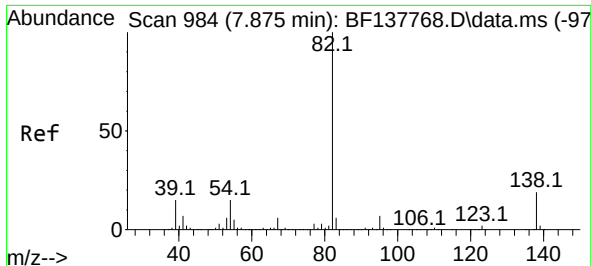


#23
Nitrobenzene-d5
Concen: 89.442 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137839.D
Acq: 06 May 2024 14:00

Tgt Ion: 82 Resp: 868015

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.5	56.3
54	47.5	39.8	59.6

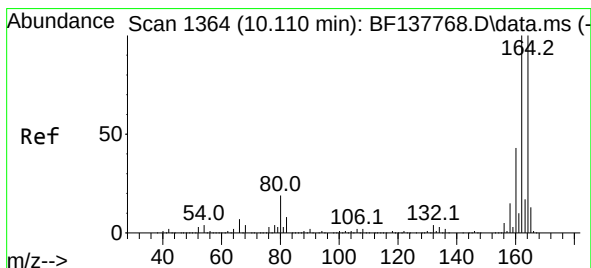
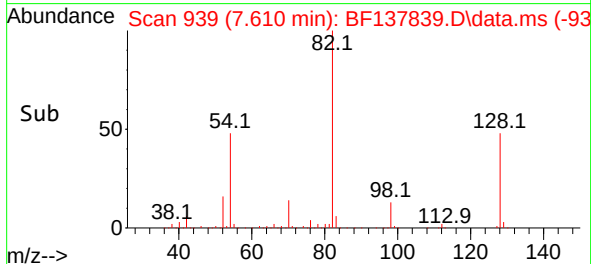
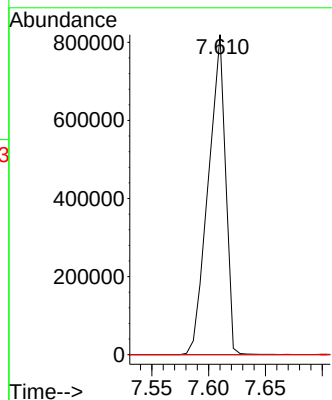
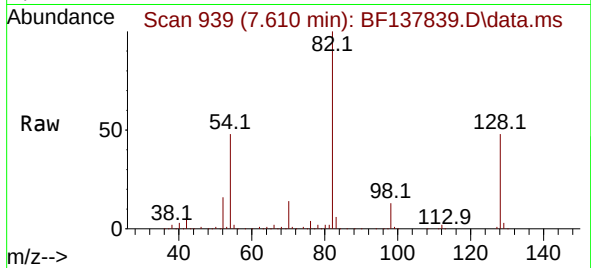




#25
Isophorone
Concen: 49.607 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137839.D
Acq: 06 May 2024 14:00

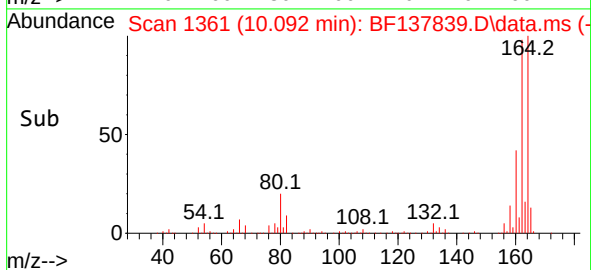
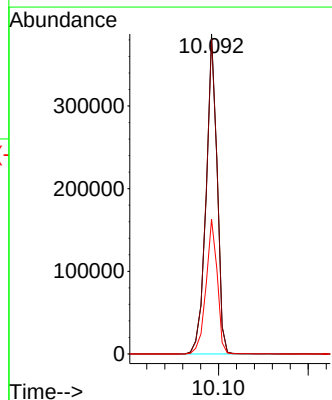
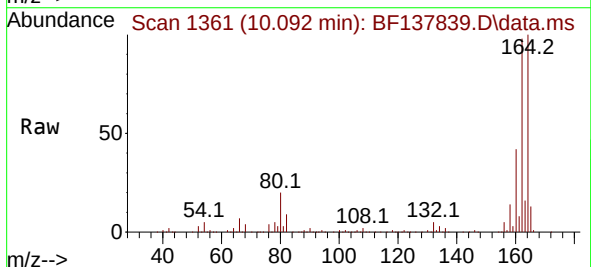
Instrument :
BNA_F
ClientSampleId :
PB160725BL

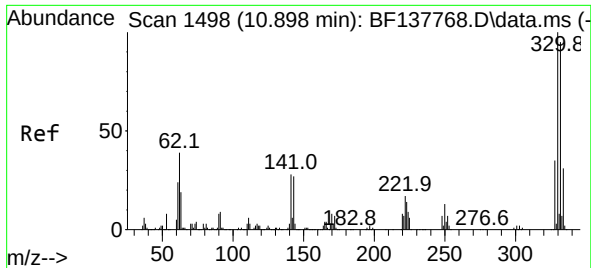
Tgt Ion: 82 Resp: 868005
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137839.D
Acq: 06 May 2024 14:00

Tgt Ion:164 Resp: 328352
Ion Ratio Lower Upper
164 100
162 98.4 79.8 119.6
160 42.1 34.4 51.6

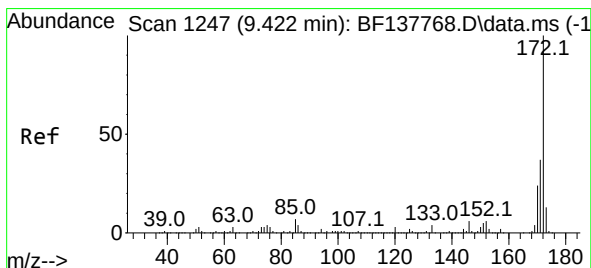
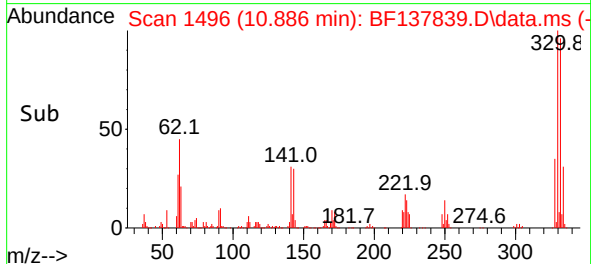
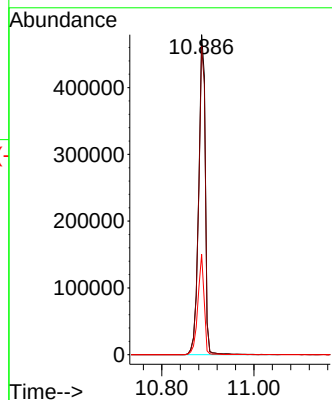
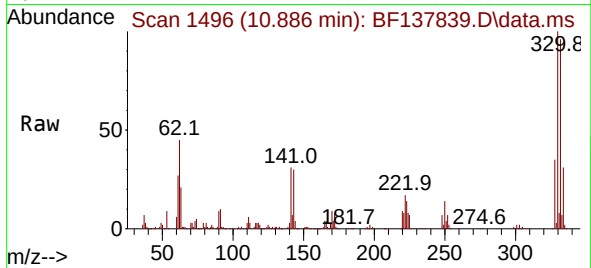




#42
2,4,6-Tribromophenol
Concen: 141.621 ng
RT: 10.886 min Scan# 1498
Delta R.T. -0.012 min
Lab File: BF137839.D
Acq: 06 May 2024 14:00

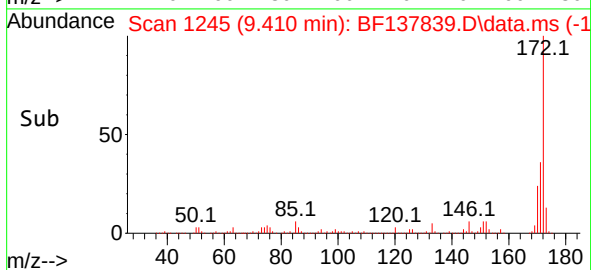
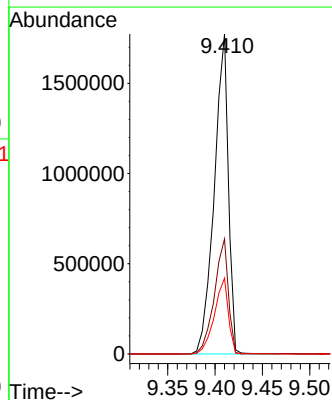
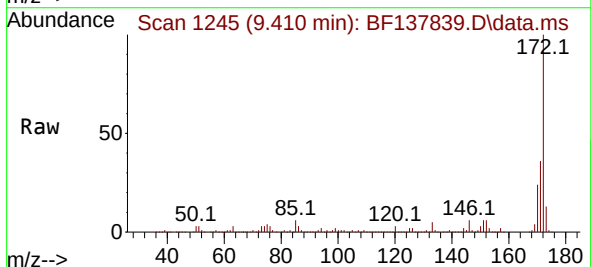
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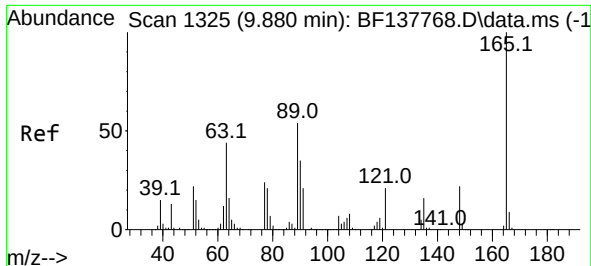
Tgt Ion:330 Resp: 474791
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 29.6 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 90.929 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137839.D
Acq: 06 May 2024 14:00

Tgt Ion:172 Resp: 1840323
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.870 ng

RT: 10.092 min Scan# 1361

Delta R.T. 0.212 min

Lab File: BF137839.D

Acq: 06 May 2024 14:00

Instrument :

BNA_F

ClientSampleId :

PB160725BL

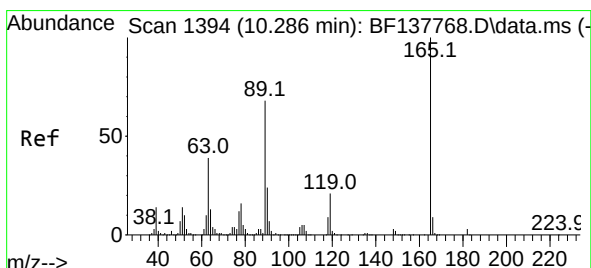
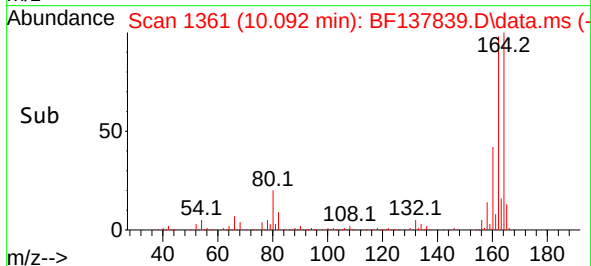
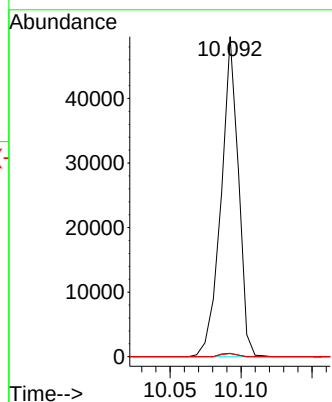
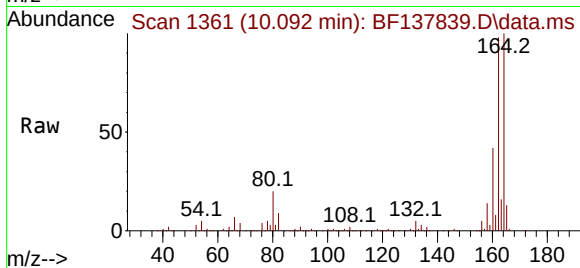
Tgt Ion:165 Resp: 42019

Ion Ratio Lower Upper

165 100

63 1.0 41.9 62.9#

89 1.0 43.2 64.8#



#57

2,4-Dinitrotoluene

Concen: 6.790 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.194 min

Lab File: BF137839.D

Acq: 06 May 2024 14:00

Tgt Ion:165 Resp: 42019

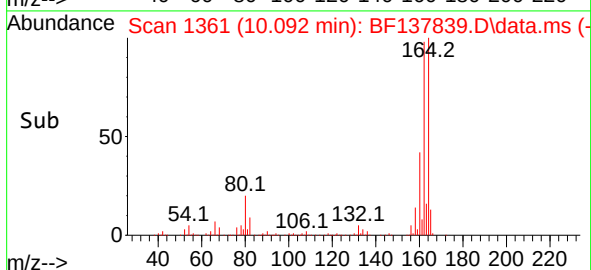
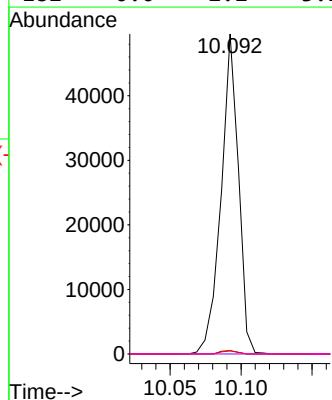
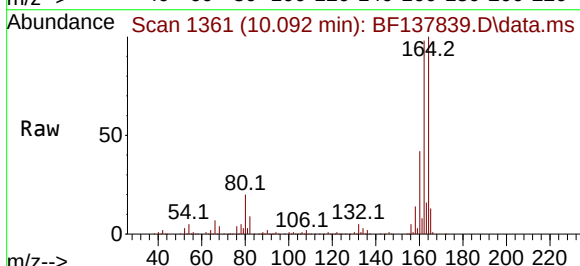
Ion Ratio Lower Upper

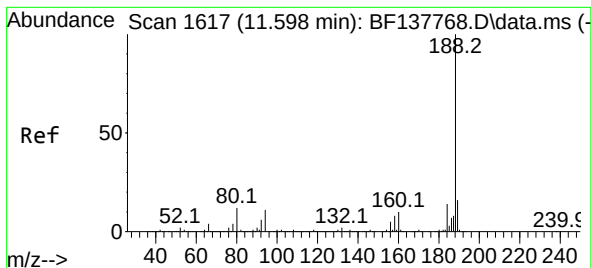
165 100

63 1.0 31.3 46.9#

89 1.0 54.2 81.4#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.586 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137839.D

Acq: 06 May 2024 14:00

Instrument :

BNA_F

ClientSampleId :

PB160725BL

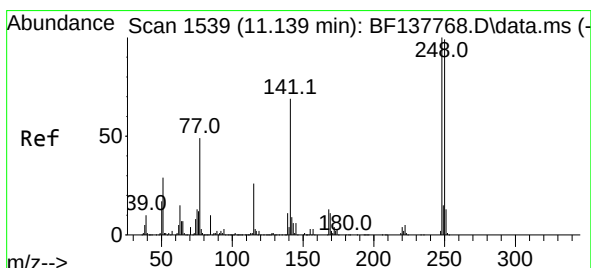
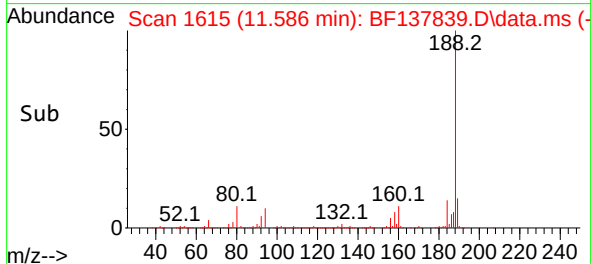
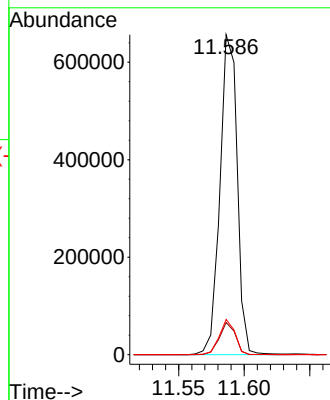
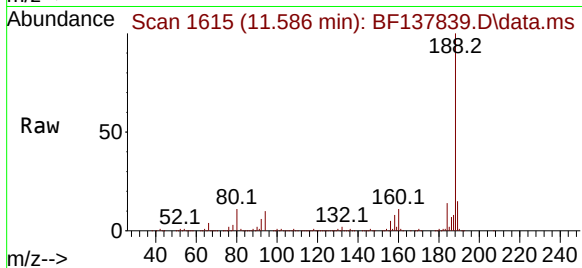
Tgt Ion:188 Resp: 599798

Ion Ratio Lower Upper

188 100

94 10.0 8.8 13.2

80 11.0 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.873 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137839.D

Acq: 06 May 2024 14:00

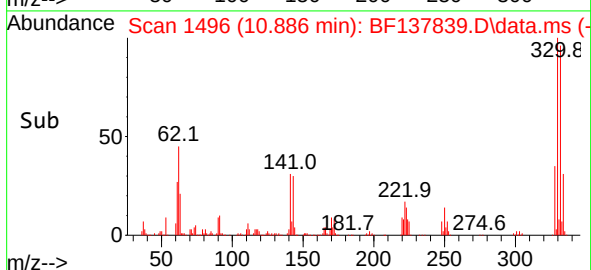
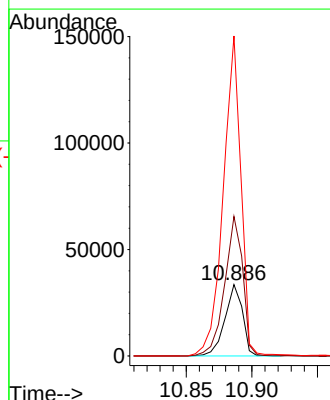
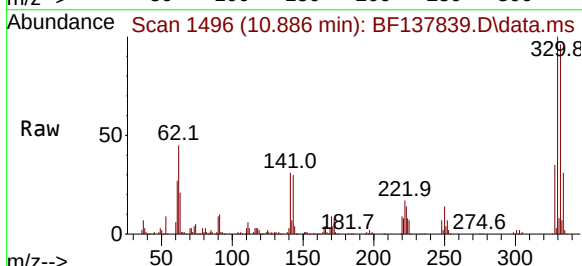
Tgt Ion:248 Resp: 31281

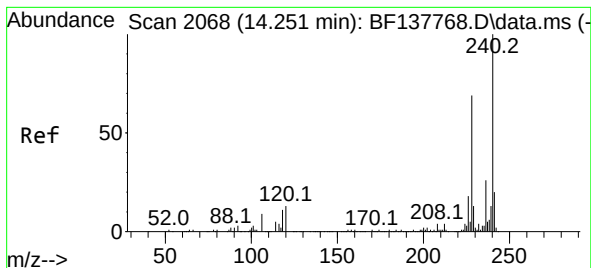
Ion Ratio Lower Upper

248 100

250 195.3 79.1 118.7#

141 448.1 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137839.D

Acq: 06 May 2024 14:00

Instrument :

BNA_F

ClientSampleId :

PB160725BL

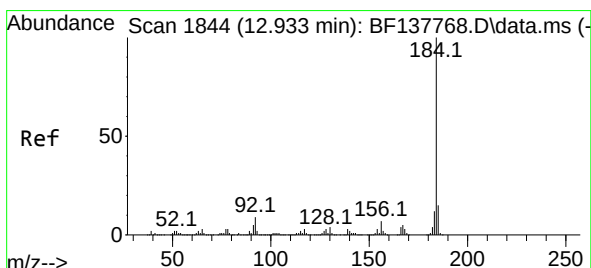
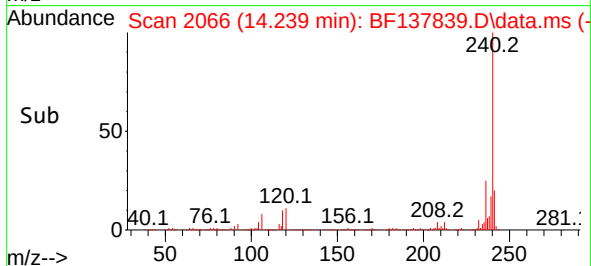
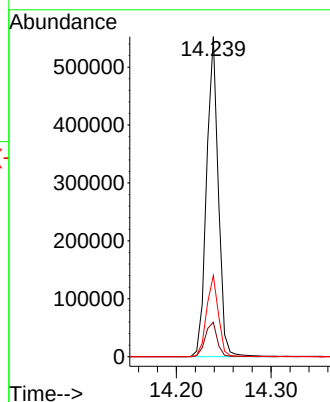
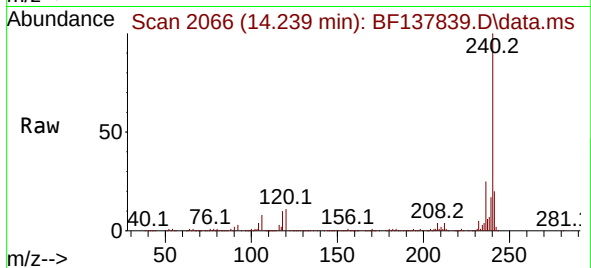
Tgt Ion:240 Resp: 476282

Ion Ratio Lower Upper

240 100

120 10.7 10.4 15.6

236 25.4 20.4 30.6



#77

Benzidine

Concen: 2.680 ng

RT: 13.180 min Scan# 1886

Delta R.T. 0.247 min

Lab File: BF137839.D

Acq: 06 May 2024 14:00

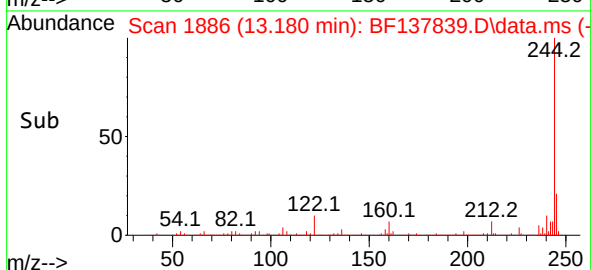
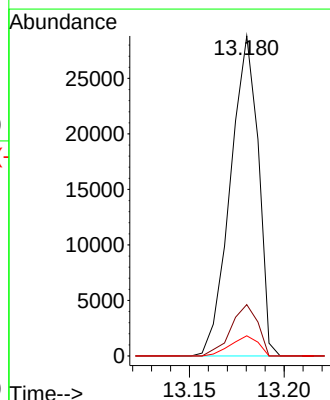
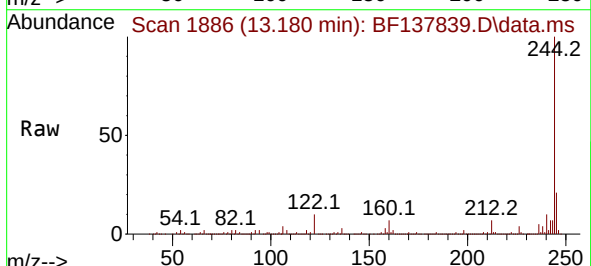
Tgt Ion:184 Resp: 29525

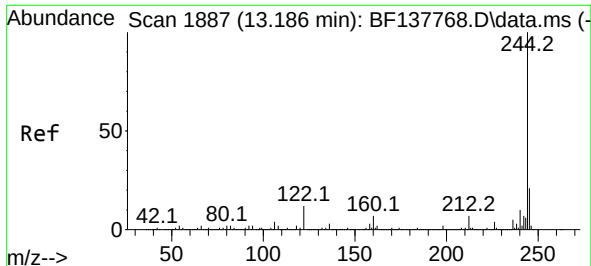
Ion Ratio Lower Upper

184 100

185 16.0 12.3 18.5

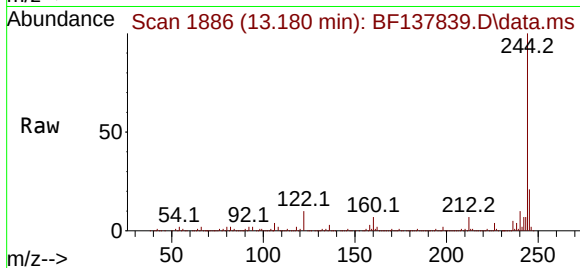
183 6.3 9.2 13.8#



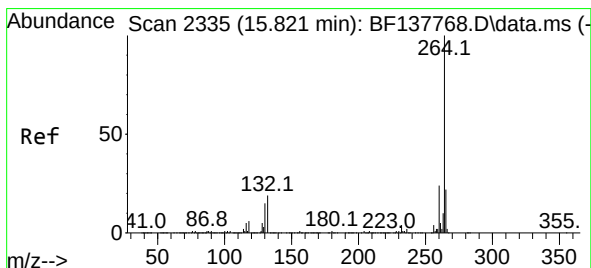
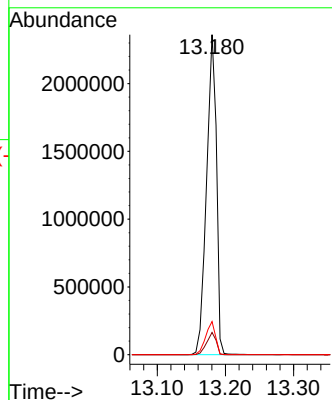
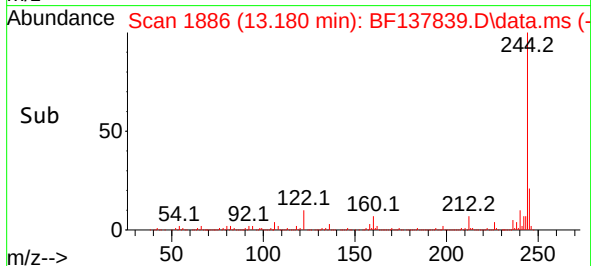


#79
 Terphenyl-d14
 Concen: 83.875 ng
 RT: 13.180 min Scan# 1887
 Delta R.T. -0.006 min
 Lab File: BF137839.D
 Acq: 06 May 2024 14:00

Instrument :
 BNA_F
 ClientSampleId :
 PB160725BL



Tgt Ion:244 Resp: 2383735
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.4 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.809 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137839.D
 Acq: 06 May 2024 14:00

Tgt Ion:264 Resp: 420023
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.4 17.4 26.0

