

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050824\
 Data File : BF137851.D
 Acq On : 08 May 2024 12:34
 Operator : CG\JU
 Sample : PB160756BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160756BL

Quant Time: May 08 13:22:46 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)

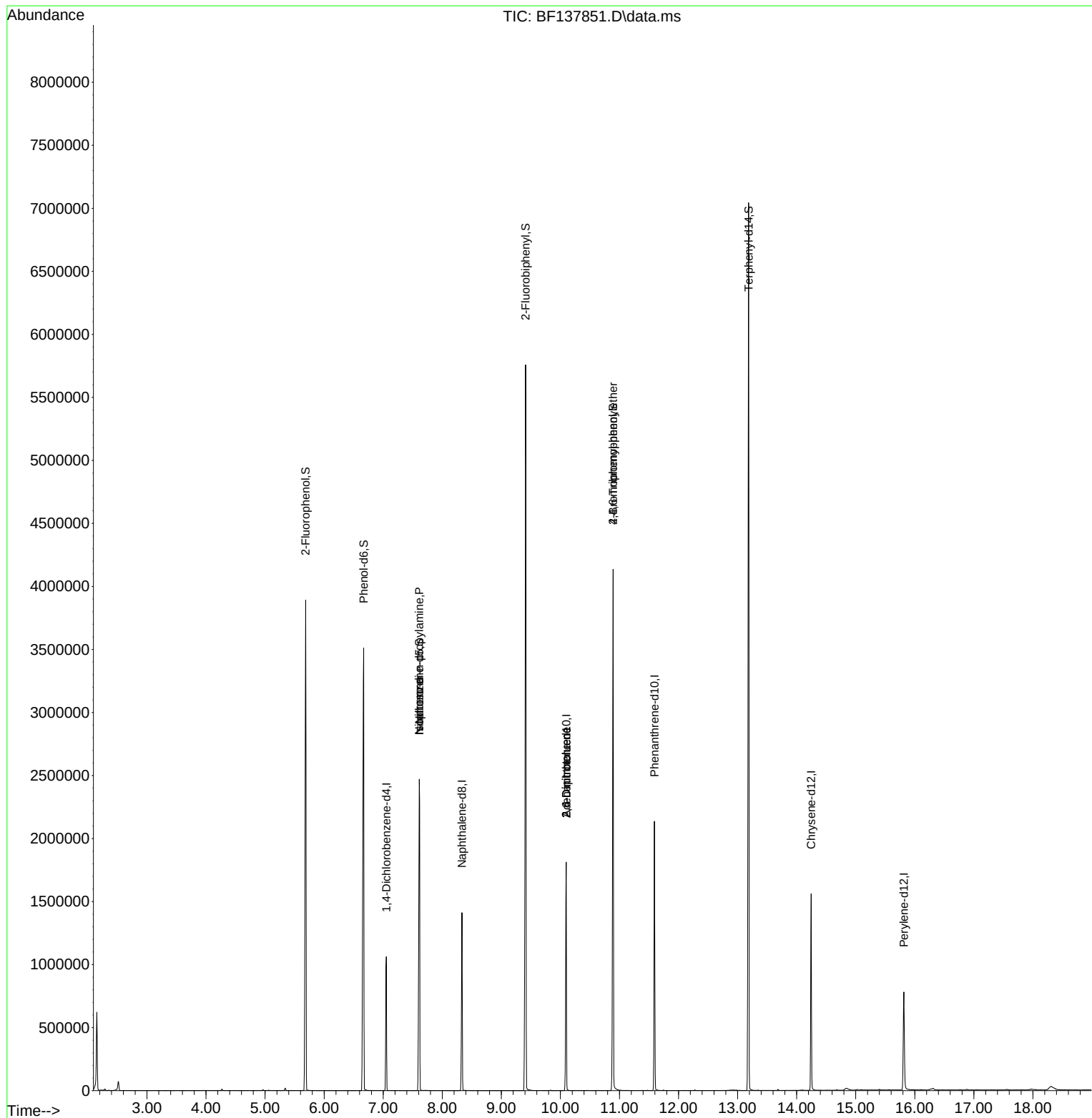
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	167215	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	674894	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	401801	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	745810	20.000	ng	0.00
76) Chrysene-d12	14.245	240	514020	20.000	ng	# 0.00
86) Perylene-d12	15.816	264	387993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1298938	130.060	ng	0.01
7) Phenol-d6	6.669	99	1591239	125.613	ng	0.00
23) Nitrobenzene-d5	7.610	82	1026482	88.365	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	583378	142.201	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2195760	88.659	ng	-0.01
79) Terphenyl-d14	13.186	244	2774290	90.450	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	135913	17.953	ng	# 78
25) Isophorone	7.610	82	1026472	49.009	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	51595	8.901	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	51595	6.813	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	37378	4.683	ng	# 1

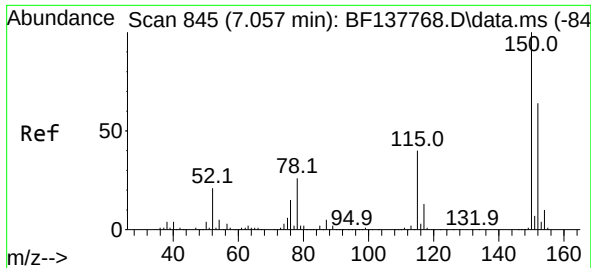
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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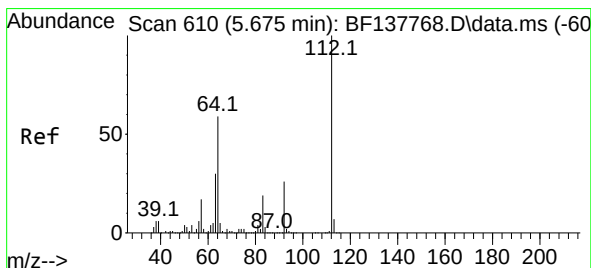
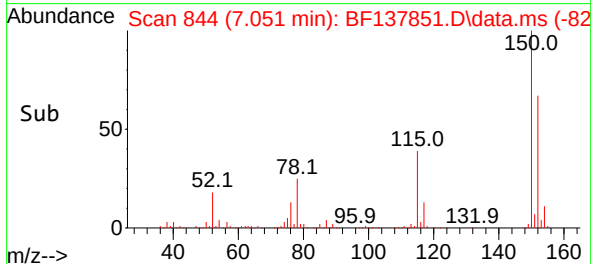
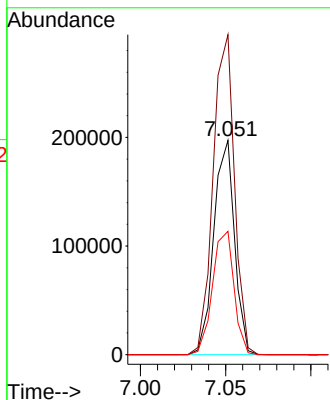
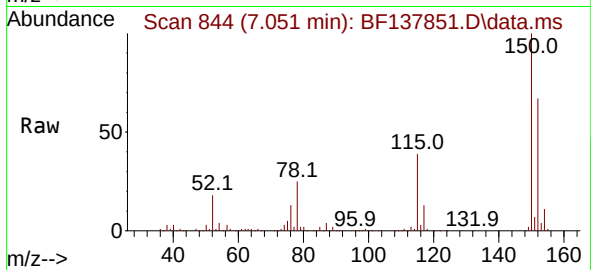




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

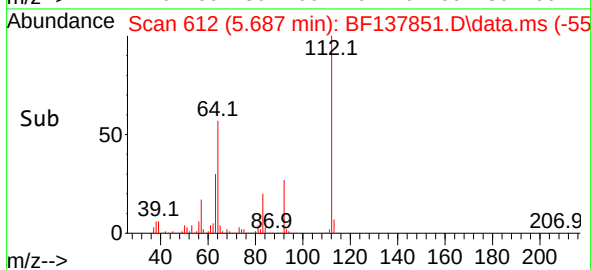
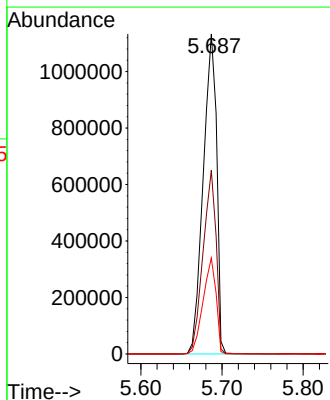
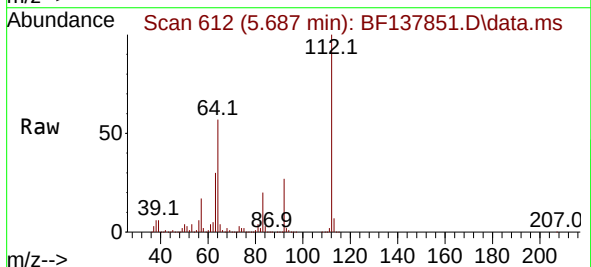
Instrument :
BNA_F
ClientSampleId :
PB160756BL

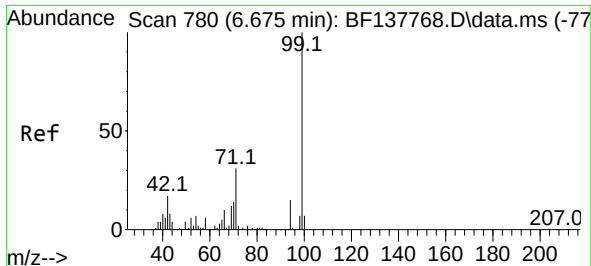
Tgt Ion:152 Resp: 167215
Ion Ratio Lower Upper
152 100
150 149.4 124.1 186.1
115 57.6 49.1 73.7



#5
2-Fluorophenol
Concen: 130.060 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

Tgt Ion:112 Resp: 1298938
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 30.0 23.7 35.5

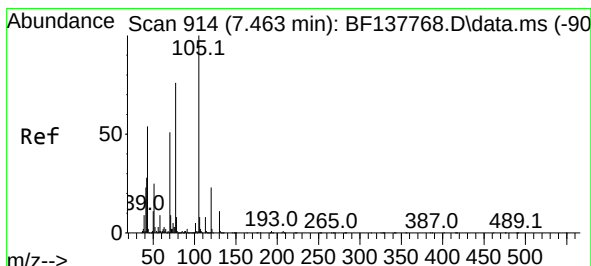
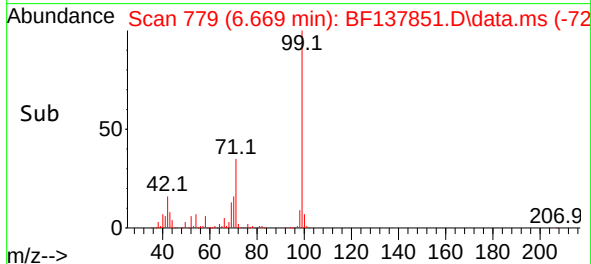
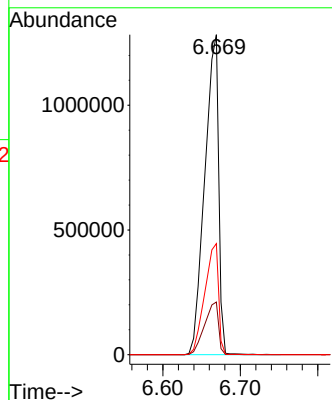
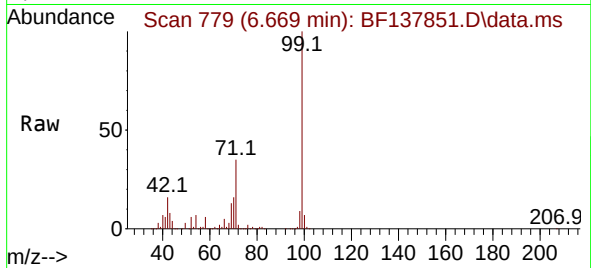




#7
Phenol-d6
Concen: 125.613 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

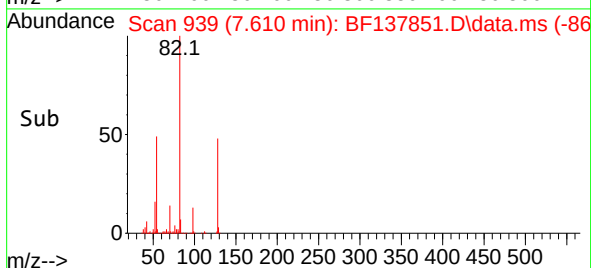
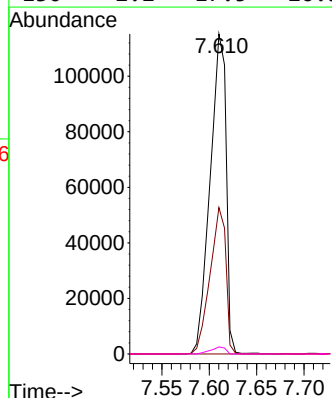
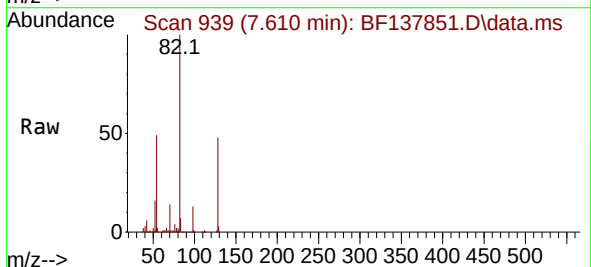
Instrument :
BNA_F
ClientSampleId :
PB160756BL

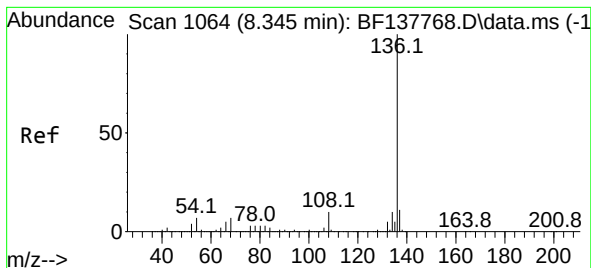
Tgt Ion: 99 Resp: 1591239
Ion Ratio Lower Upper
99 100
42 16.5 13.2 19.8
71 34.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.953 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

Tgt Ion: 70 Resp: 135913
Ion Ratio Lower Upper
70 100
42 45.8 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: 8.334 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137851.D

Acq: 08 May 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB160756BL

Tgt Ion:136 Resp: 674894

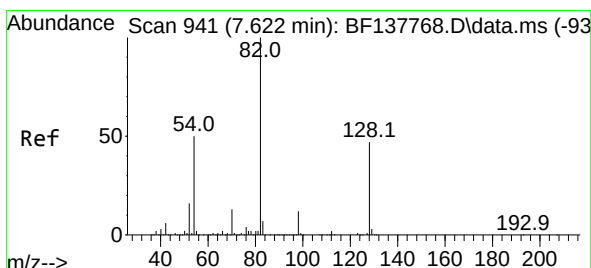
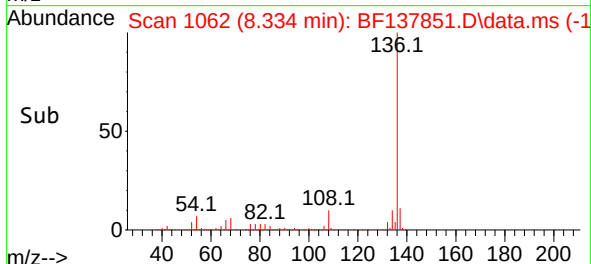
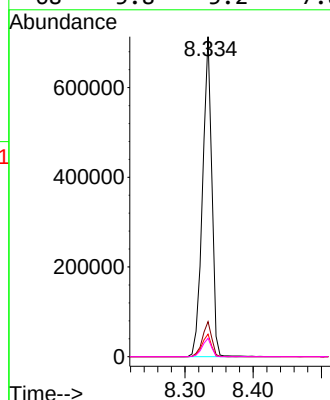
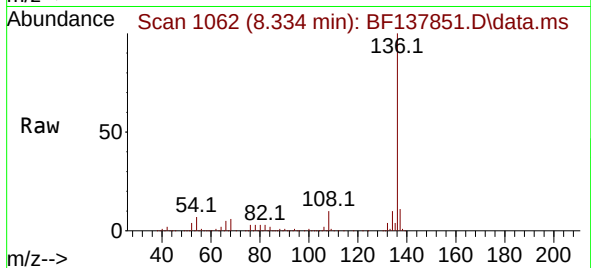
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.1 5.8 8.8

68 5.8 5.2 7.8



#23

Nitrobenzene-d5

Concen: 88.365 ng

RT: 7.610 min Scan# 939

Delta R.T. -0.012 min

Lab File: BF137851.D

Acq: 08 May 2024 12:34

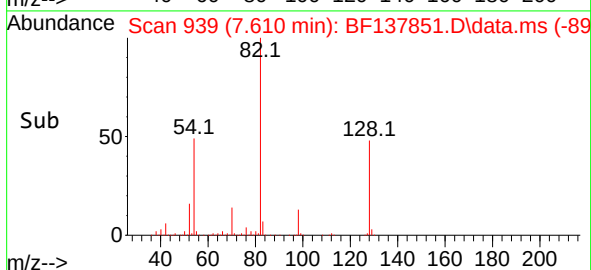
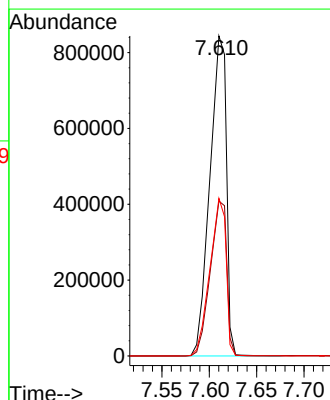
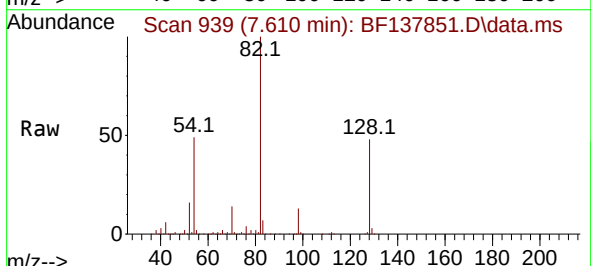
Tgt Ion: 82 Resp: 1026482

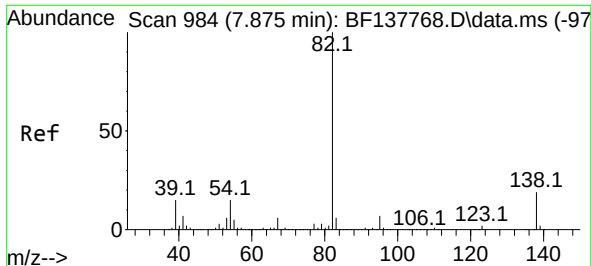
Ion Ratio Lower Upper

82 100

128 48.4 37.5 56.3

54 49.3 39.8 59.6

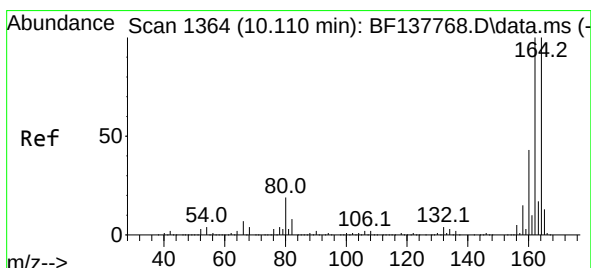
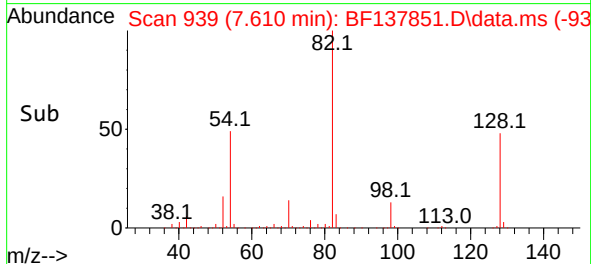
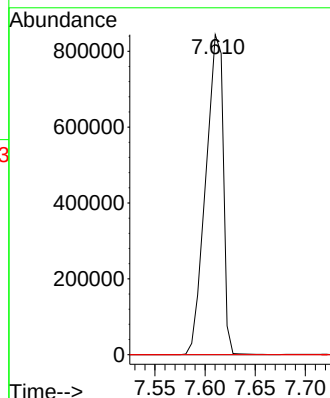
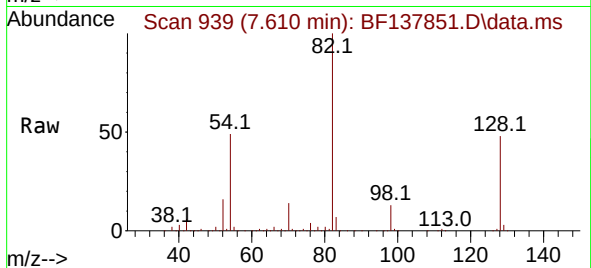




#25
Isophorone
Concen: 49.009 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

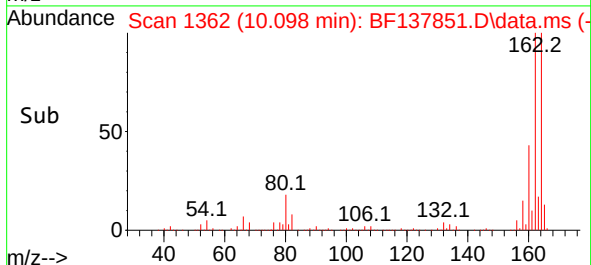
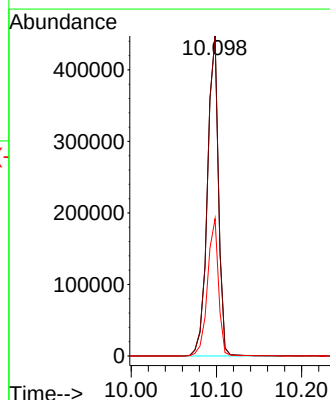
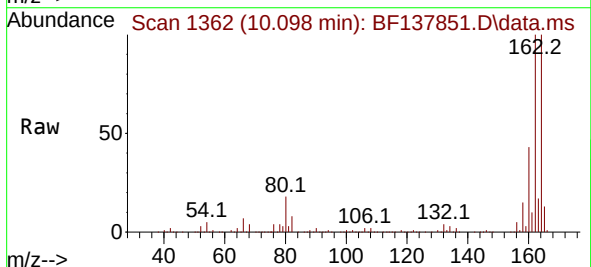
Instrument :
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ClientSampleId :
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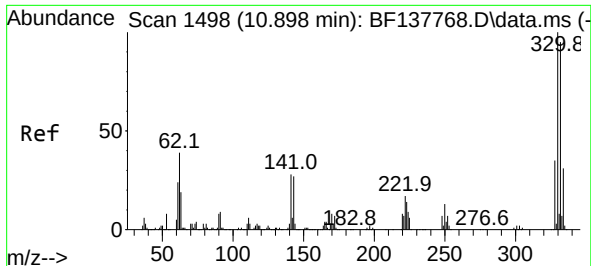
Tgt Ion: 82 Resp: 1026472
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

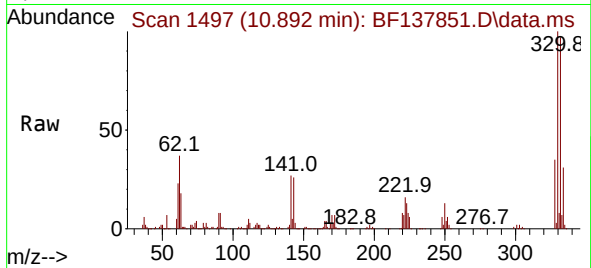
Tgt Ion:164 Resp: 401801
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.6
160 42.9 34.4 51.6



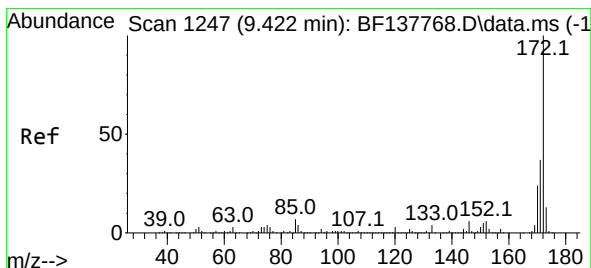
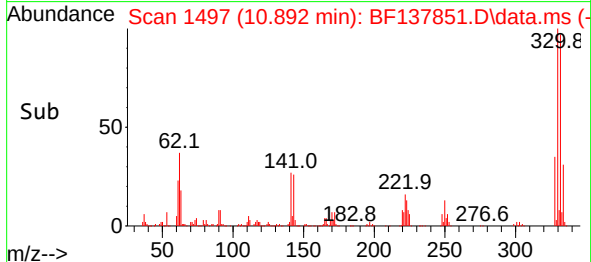
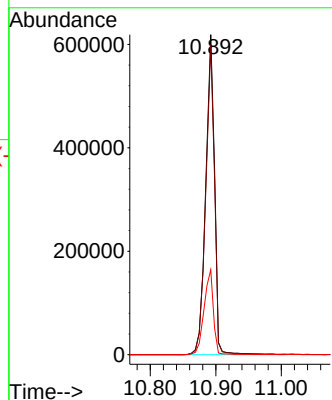


#42
2,4,6-Tribromophenol
Concen: 142.201 ng
RT: 10.892 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB160756BL

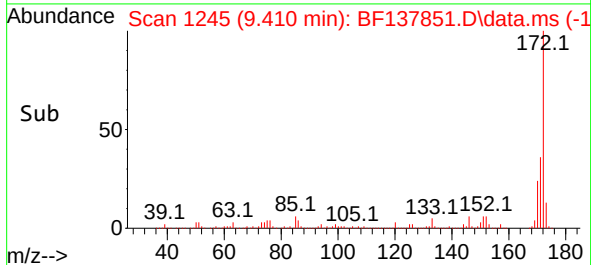
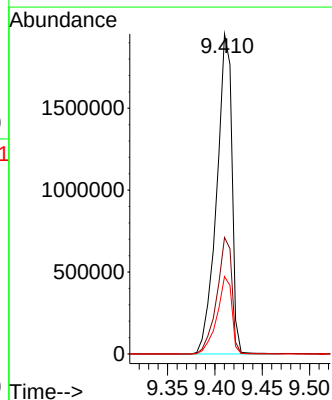
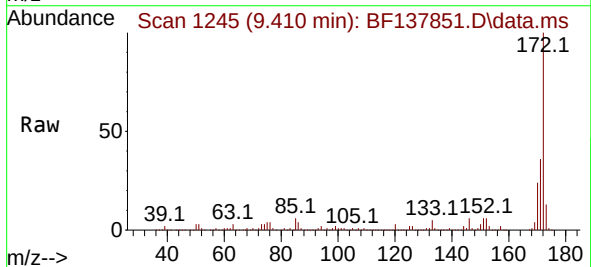


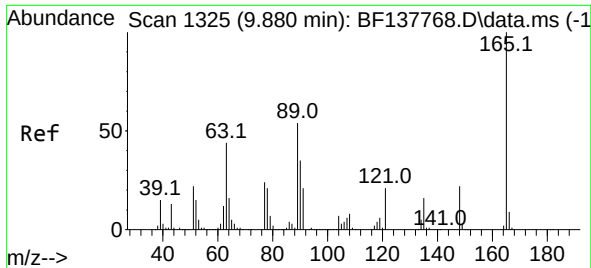
Tgt Ion:330 Resp: 583378
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.1 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 88.659 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

Tgt Ion:172 Resp: 2195760
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 19.4 29.2

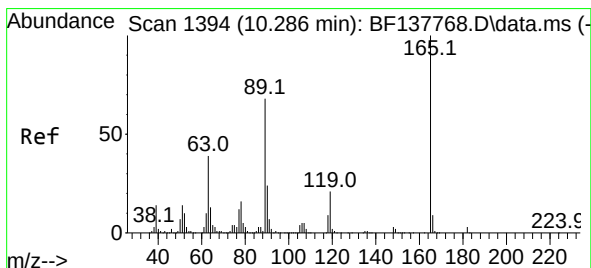
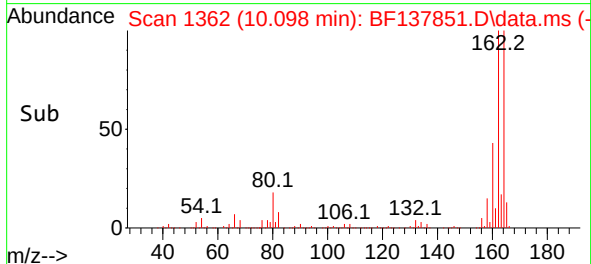
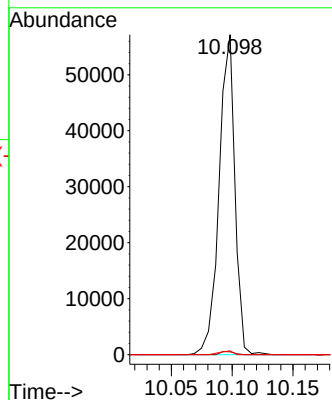
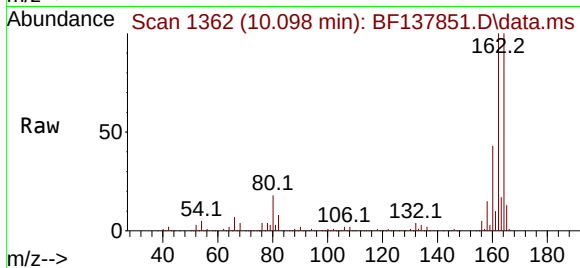




#51
2,6-Dinitrotoluene
Concen: 8.901 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

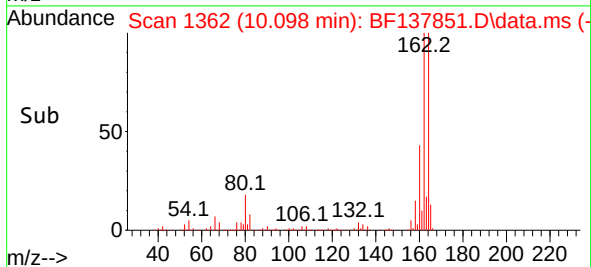
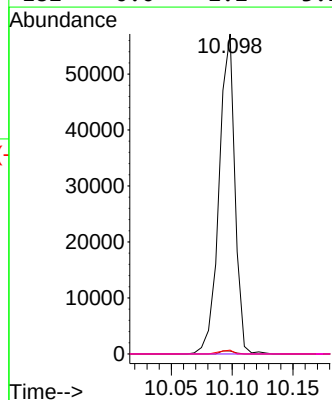
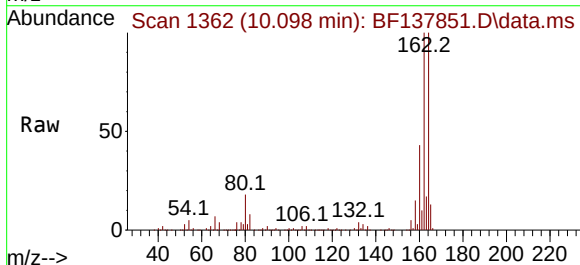
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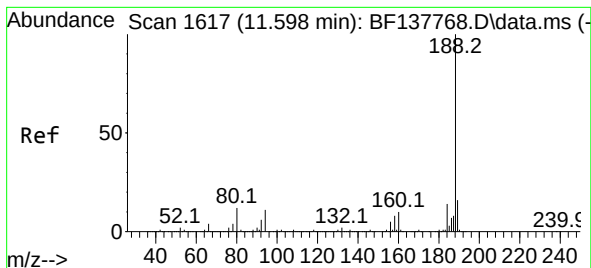
Tgt Ion:165 Resp: 51595
Ion Ratio Lower Upper
165 100
63 0.9 41.9 62.9#
89 1.2 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.813 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

Tgt Ion:165 Resp: 51595
Ion Ratio Lower Upper
165 100
63 0.9 31.3 46.9#
89 1.2 54.2 81.4#
182 0.0 2.2 3.2#

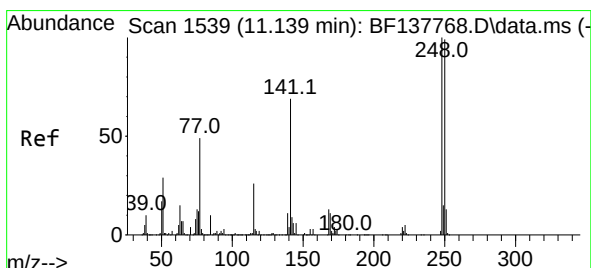
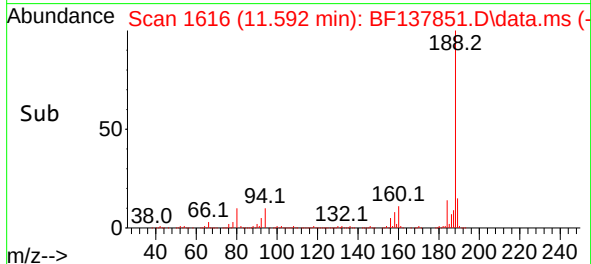
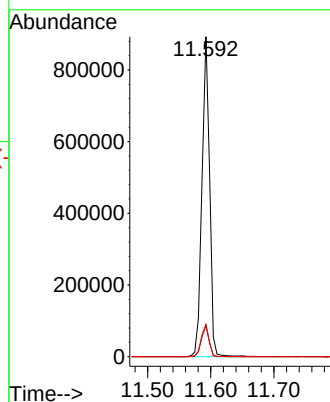
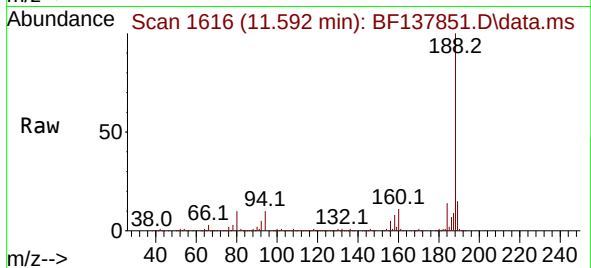




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

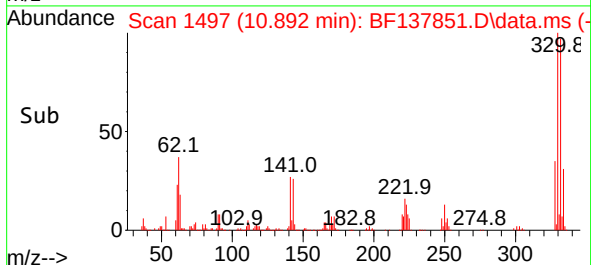
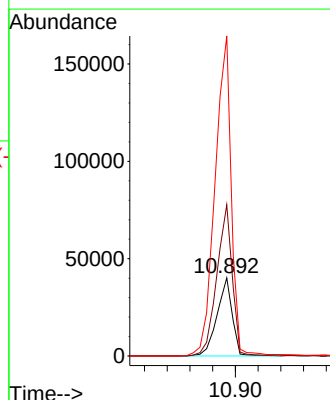
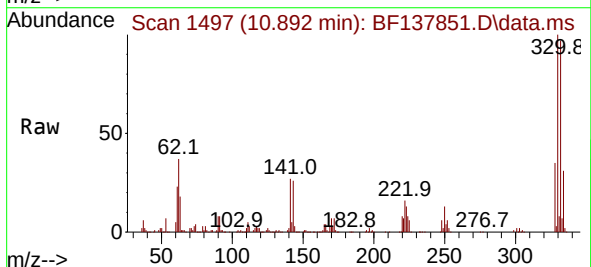
Instrument :
BNA_F
ClientSampleId :
PB160756BL

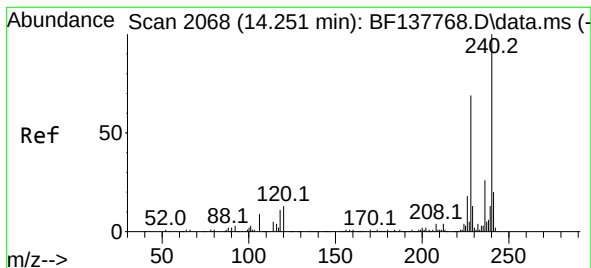
Tgt Ion:188 Resp: 745810
Ion Ratio Lower Upper
188 100
94 9.7 8.8 13.2
80 10.1 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 4.683 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.247 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

Tgt Ion:248 Resp: 37378
Ion Ratio Lower Upper
248 100
250 193.4 79.1 118.7#
141 409.5 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137851.D

Acq: 08 May 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB160756BL

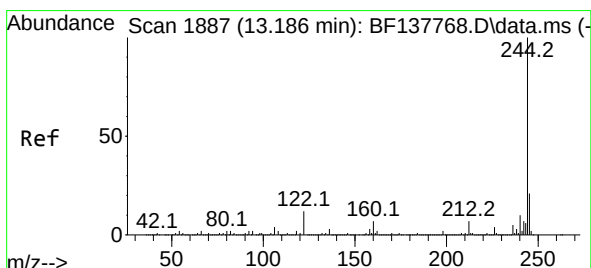
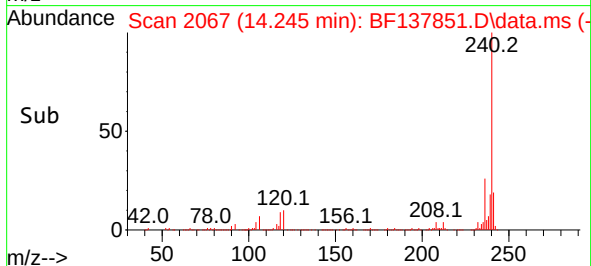
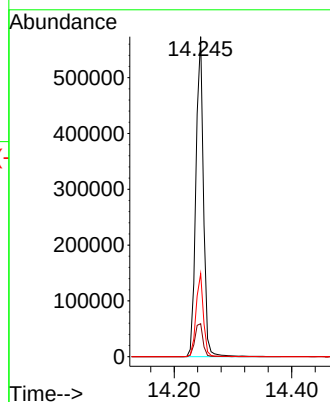
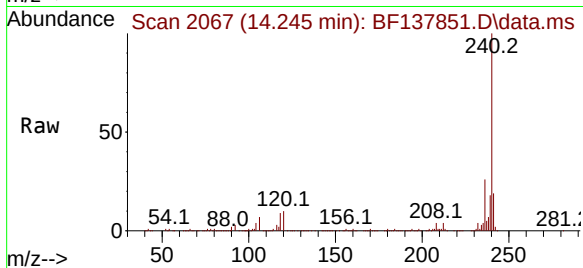
Tgt Ion:240 Resp: 514020

Ion Ratio Lower Upper

240 100

120 10.3 10.4 15.6#

236 25.9 20.4 30.6



#79

Terphenyl-d14

Concen: 90.450 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BF137851.D

Acq: 08 May 2024 12:34

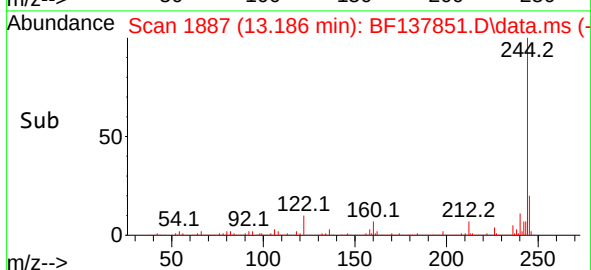
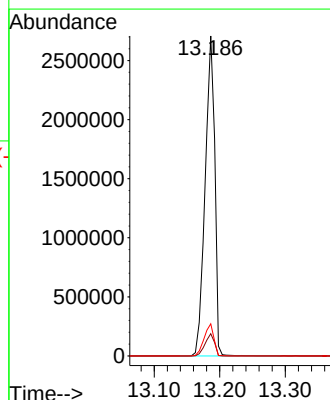
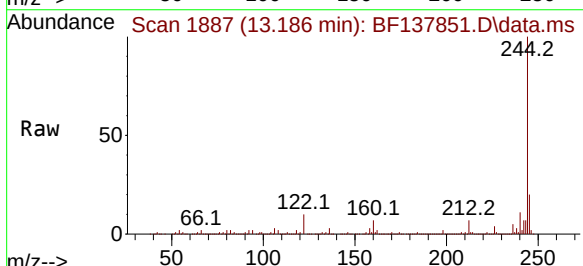
Tgt Ion:244 Resp: 2774290

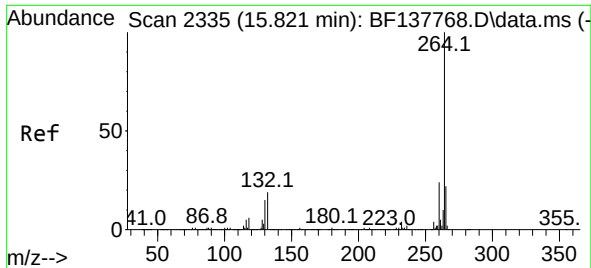
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 10.1 9.4 14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.816 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137851.D
Acq: 08 May 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB160756BL

Tgt Ion:264 Resp: 387993

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.7	17.4	26.0

