

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137861.D
 Acq On : 09 May 2024 13:39
 Operator : CG\JU
 Sample : PB160807BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160807BL

Quant Time: May 09 15:12:36 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)

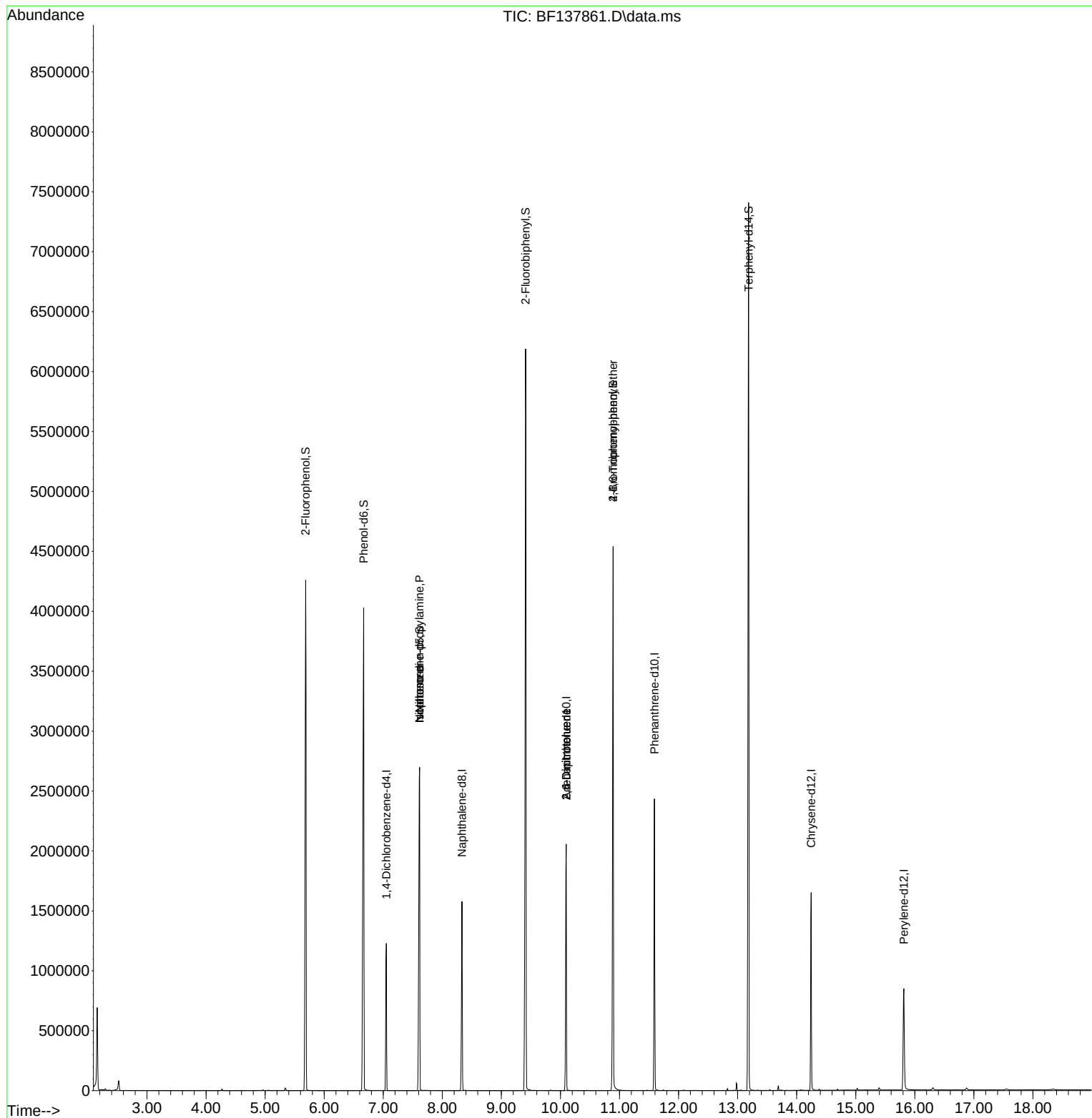
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	188303	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	771724	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	460571	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	828536	20.000	ng	0.00
76) Chrysene-d12	14.245	240	554081	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	429657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	1474009	131.061	ng	0.01
7) Phenol-d6	6.669	99	1804271	126.479	ng	0.00
23) Nitrobenzene-d5	7.616	82	1147063	86.355	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	643808	136.906	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2484381	87.512	ng	-0.01
79) Terphenyl-d14	13.186	244	3008220	90.986	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	154591	18.133	ng	# 75
25) Isophorone	7.616	82	1147047	47.894	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	59888	9.013	ng	# 26
57) 2,4-Dinitrotoluene	10.098	165	59888	6.899	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	41702	4.703	ng	# 1

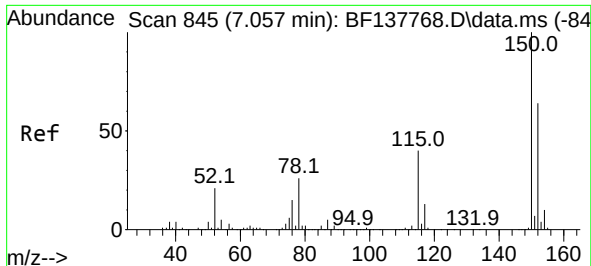
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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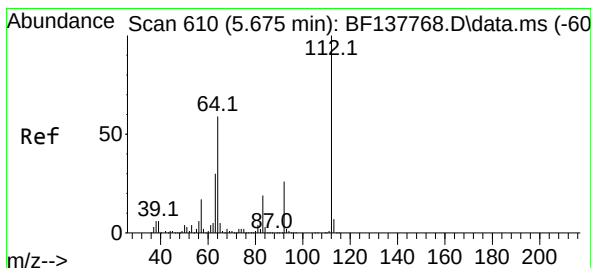
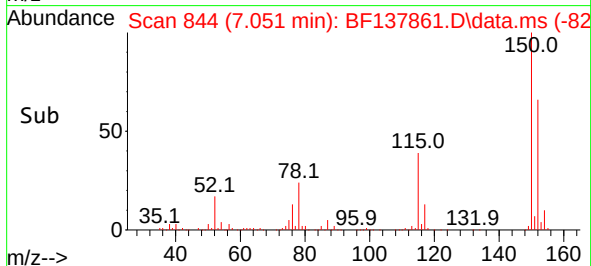
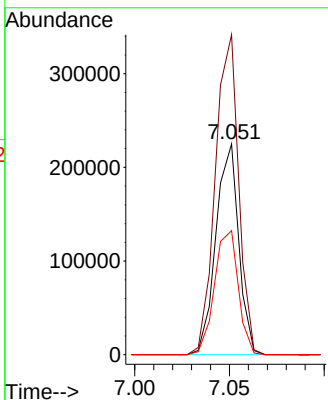
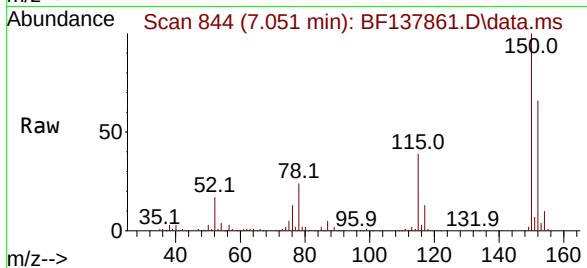




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

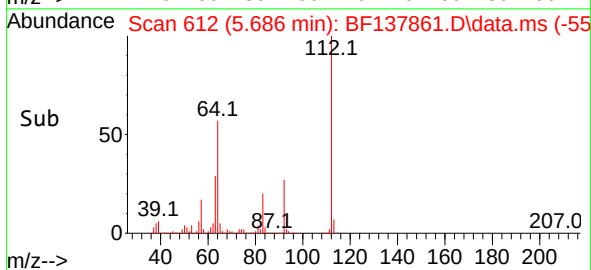
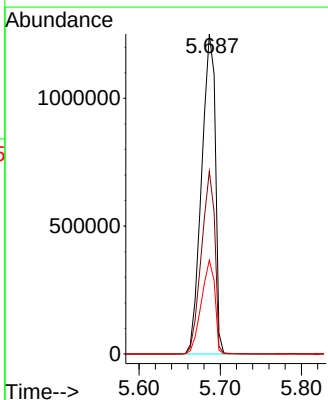
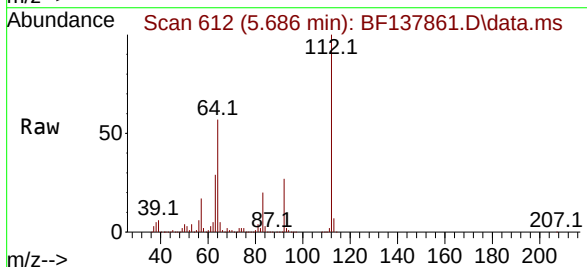
Instrument :
BNA_F
ClientSampleId :
PB160807BL

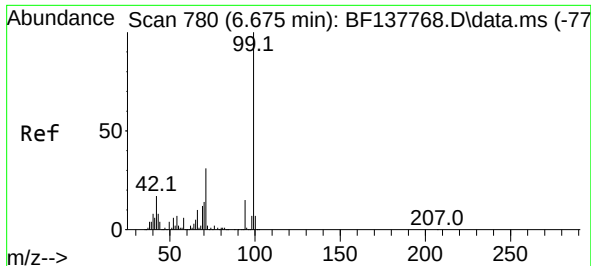
Tgt Ion:152 Resp: 188303
Ion Ratio Lower Upper
152 100
150 151.8 124.1 186.1
115 58.8 49.1 73.7



#5
2-Fluorophenol
Concen: 131.061 ng
RT: 5.686 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

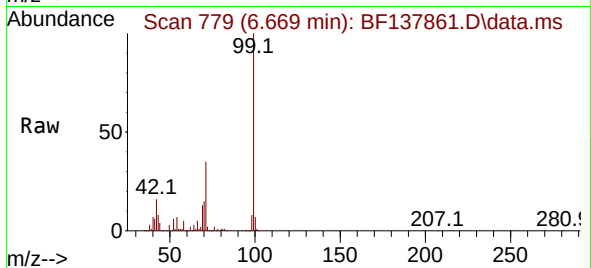
Tgt Ion:112 Resp: 1474009
Ion Ratio Lower Upper
112 100
64 57.1 47.3 70.9
63 29.3 23.7 35.5





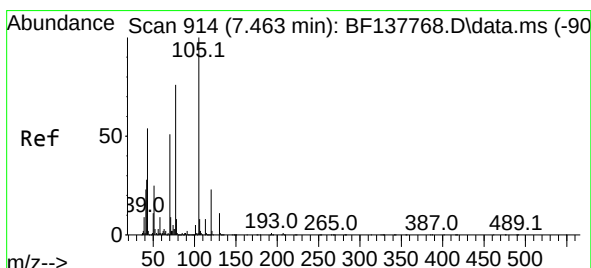
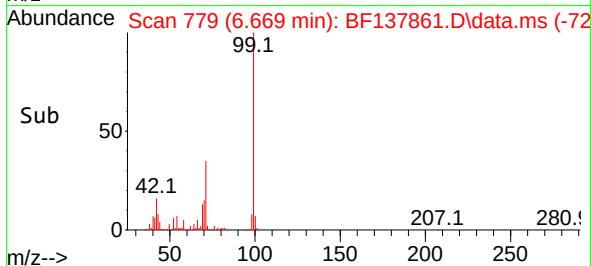
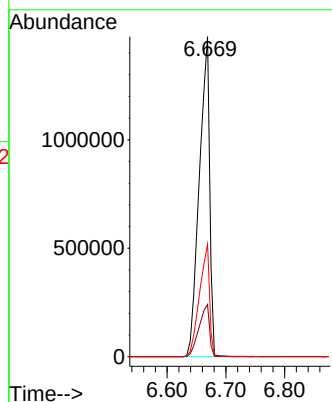
#7
Phenol-d6
Concen: 126.479 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB160807BL



Tgt Ion: 99 Resp: 1804271

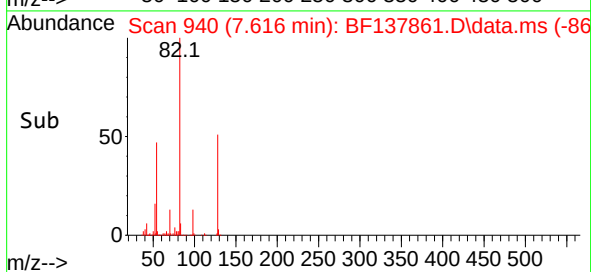
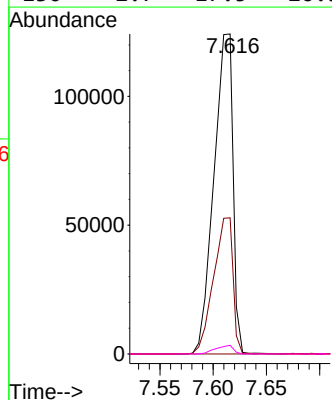
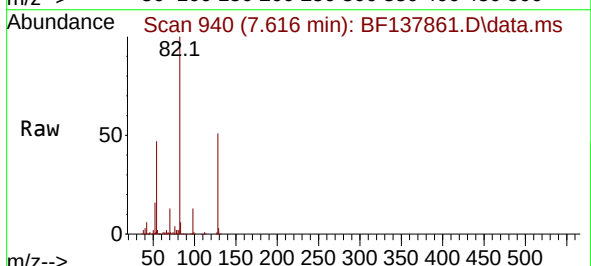
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.2	19.8
71	35.2	25.0	37.4

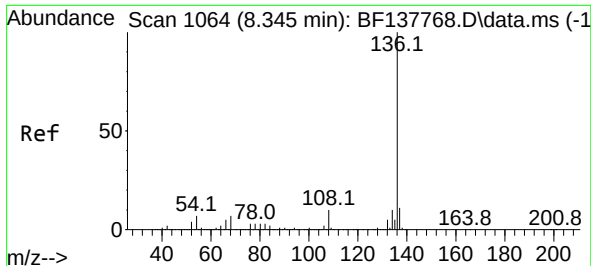


#19
n-Nitroso-di-n-propylamine
Concen: 18.133 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Tgt Ion: 70 Resp: 154591

Ion	Ratio	Lower	Upper
70	100		
42	42.5	44.6	66.8#
101	0.0	7.8	11.6#
130	2.7	17.5	26.3#



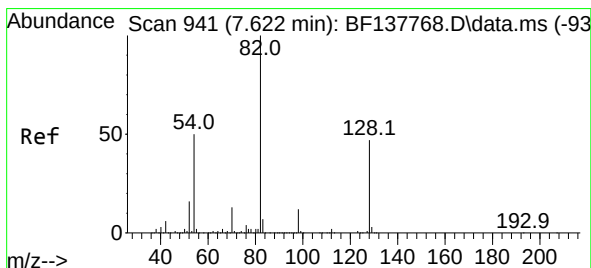
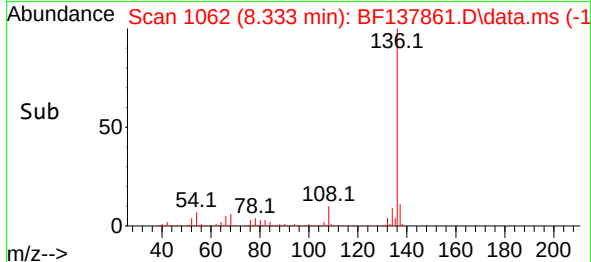
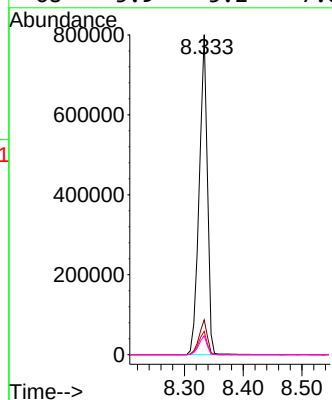
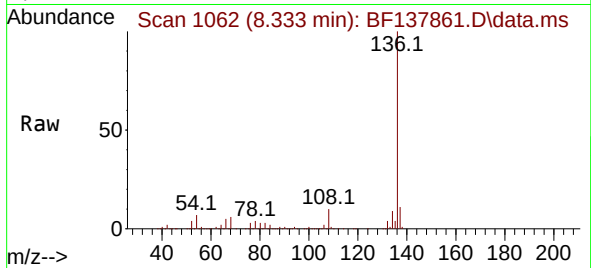


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB160807BL

Tgt Ion:136 Resp: 771724

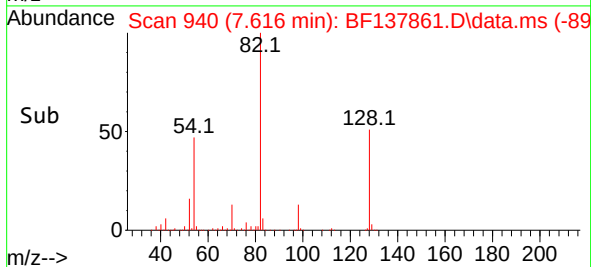
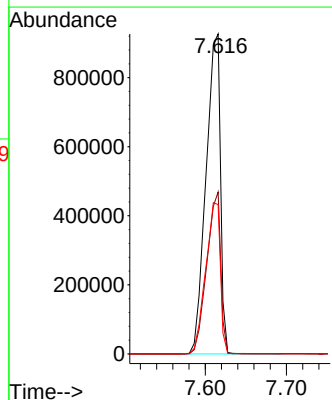
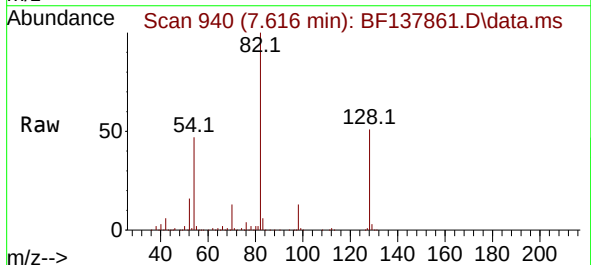
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	5.8	8.8
68	5.9	5.2	7.8

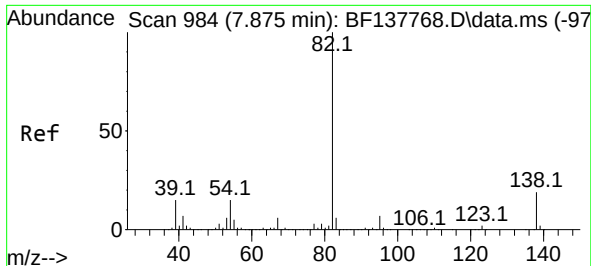


#23
Nitrobenzene-d5
Concen: 86.355 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Tgt Ion: 82 Resp: 1147063

Ion	Ratio	Lower	Upper
82	100		
128	50.6	37.5	56.3
54	46.7	39.8	59.6

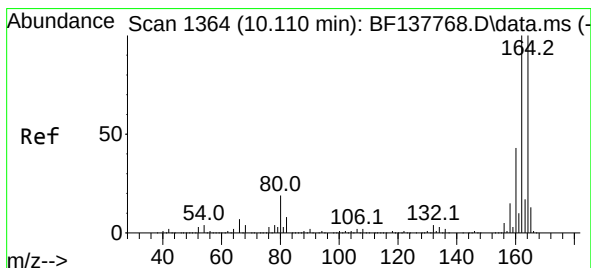
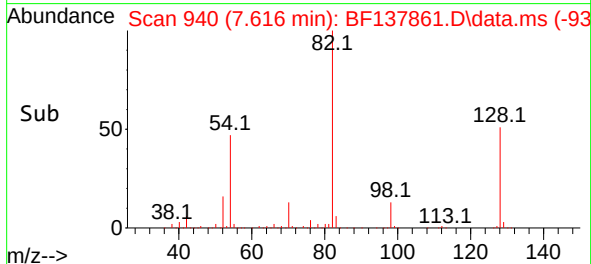
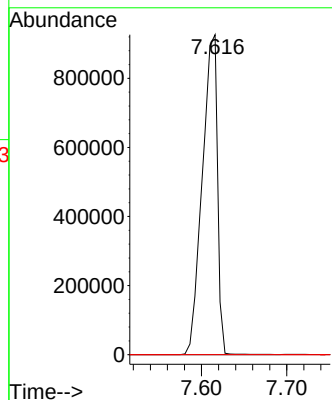
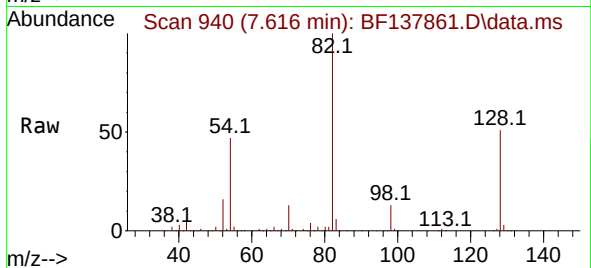




#25
Isophorone
Concen: 47.894 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

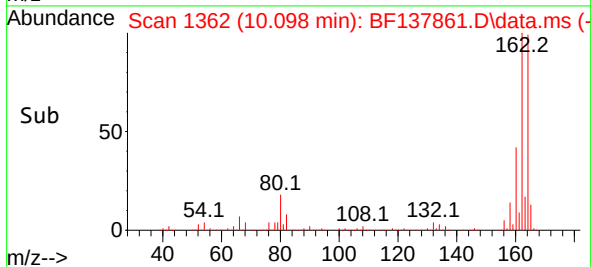
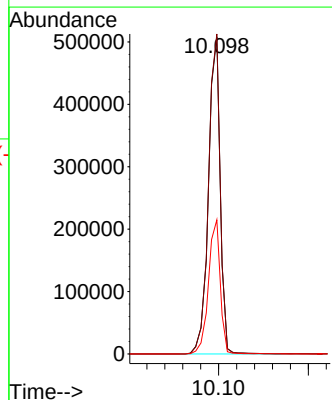
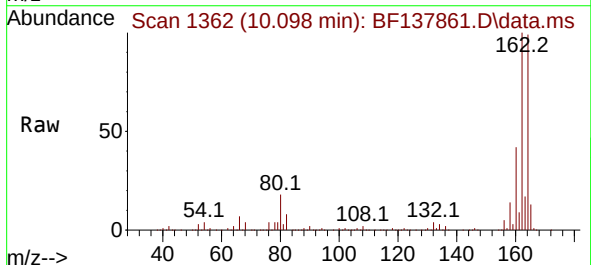
Instrument :
BNA_F
ClientSampleId :
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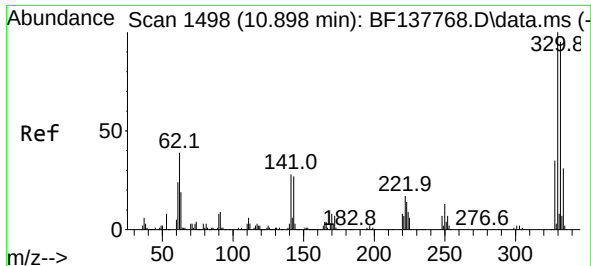
Tgt Ion: 82 Resp: 1147047
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Tgt Ion: 164 Resp: 460571
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.6
160 42.2 34.4 51.6

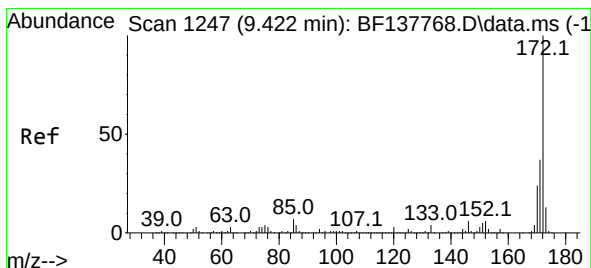
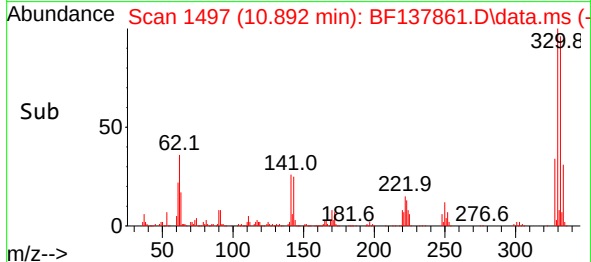
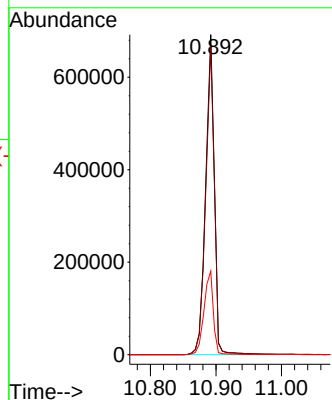
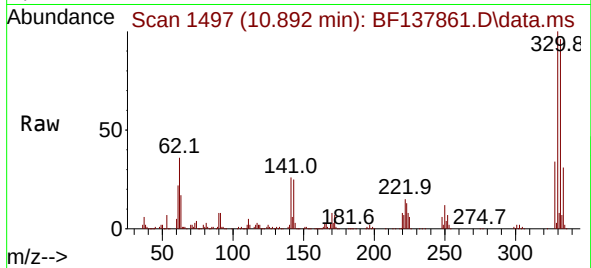




#42
2,4,6-Tribromophenol
Concen: 136.906 ng
RT: 10.892 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

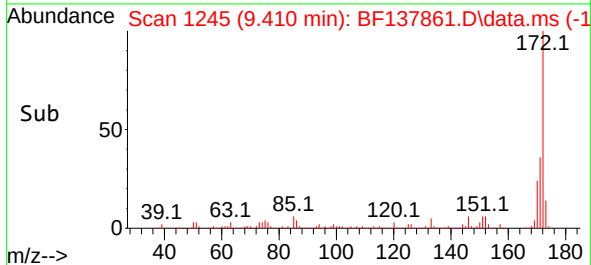
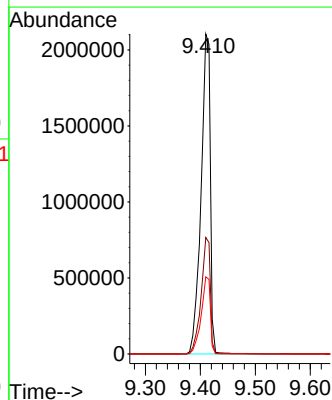
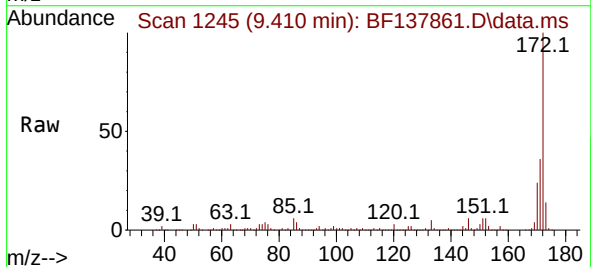
Instrument :
BNA_F
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PB160807BL

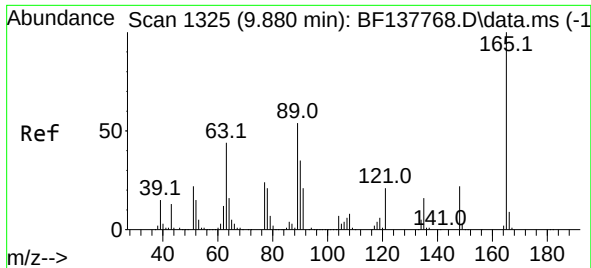
Tgt Ion:330 Resp: 643808
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 87.512 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Tgt Ion:172 Resp: 2484381
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.1 19.4 29.2

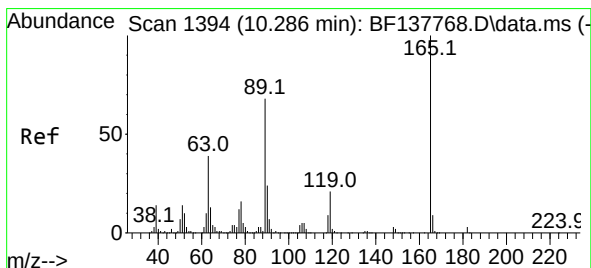
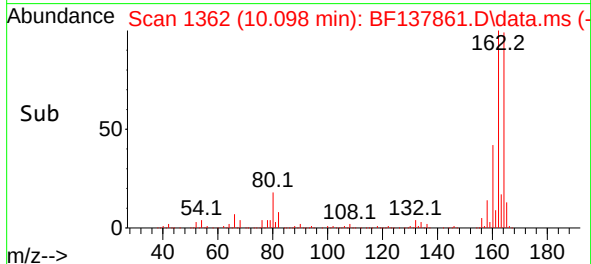
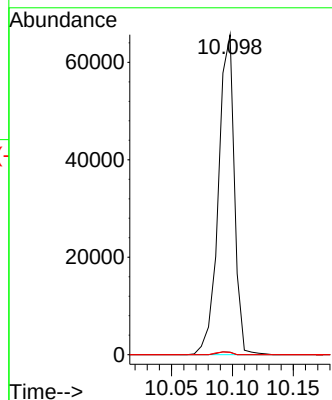
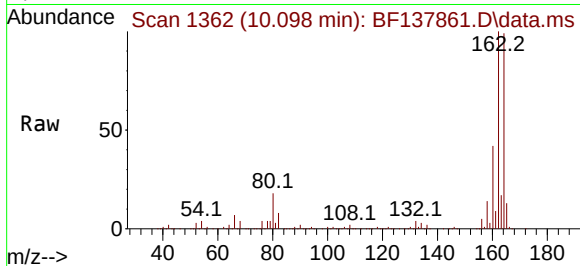




#51
2,6-Dinitrotoluene
Concen: 9.013 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.217 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

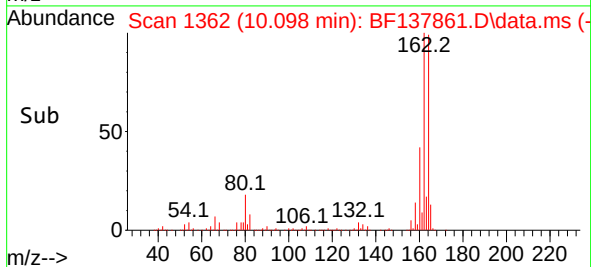
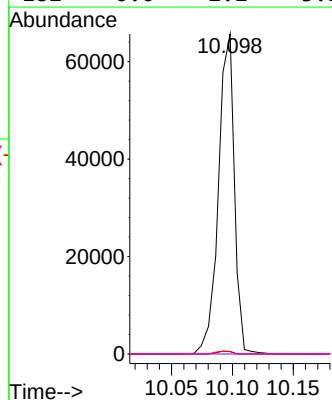
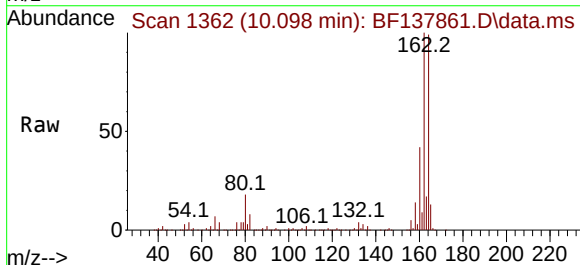
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ClientSampleId :
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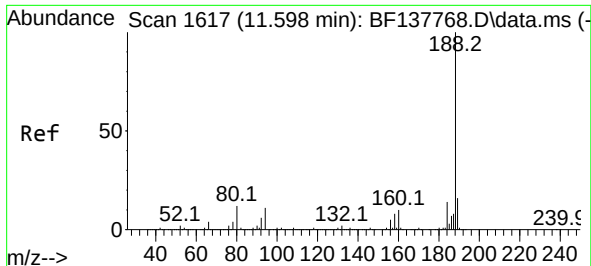
Tgt Ion:165 Resp: 59888
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 0.7 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.899 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Tgt Ion:165 Resp: 59888
Ion Ratio Lower Upper
165 100
63 0.8 31.3 46.9#
89 0.7 54.2 81.4#
182 0.0 2.2 3.2#

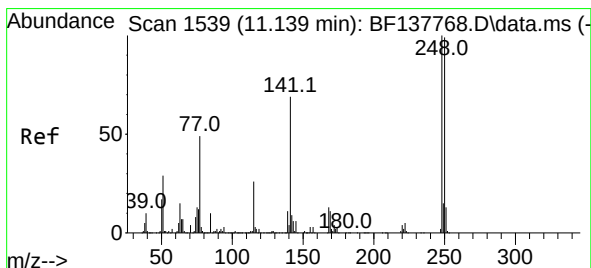
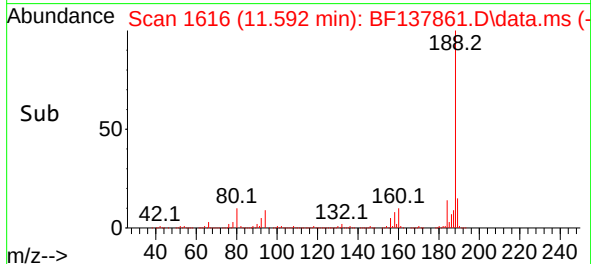
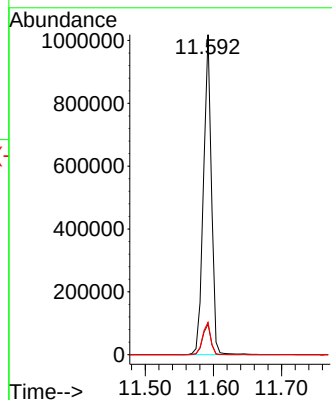
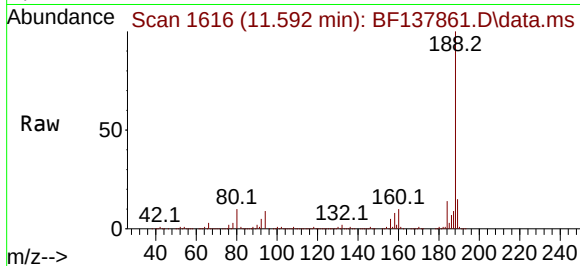




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

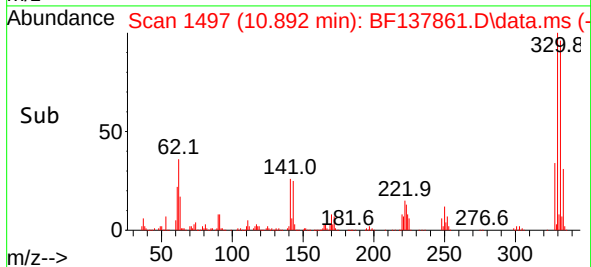
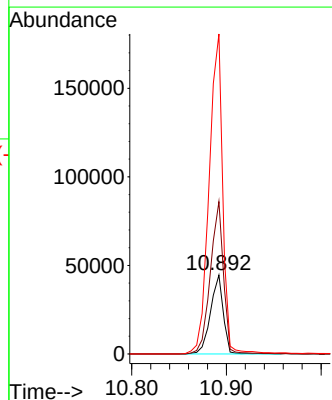
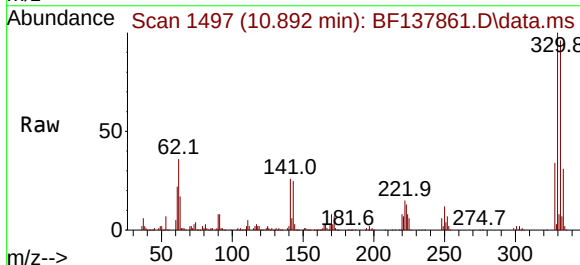
Instrument :
BNA_F
ClientSampleId :
PB160807BL

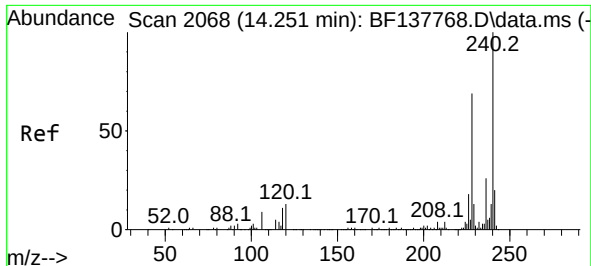
Tgt Ion:188 Resp: 828536
Ion Ratio Lower Upper
188 100
94 9.5 8.8 13.2
80 10.1 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 4.703 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.247 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Tgt Ion:248 Resp: 41702
Ion Ratio Lower Upper
248 100
250 193.0 79.1 118.7#
141 405.5 55.4 83.2#

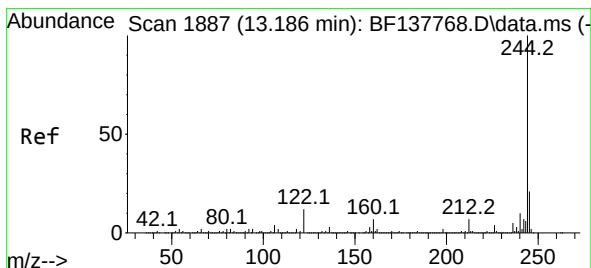
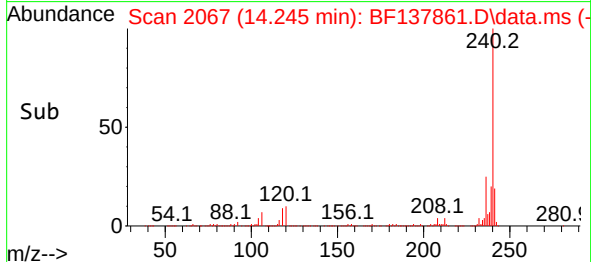
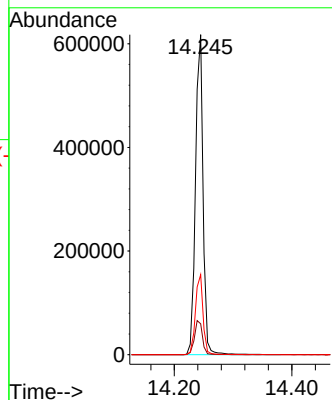
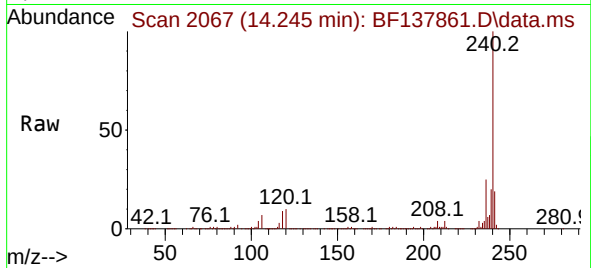




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

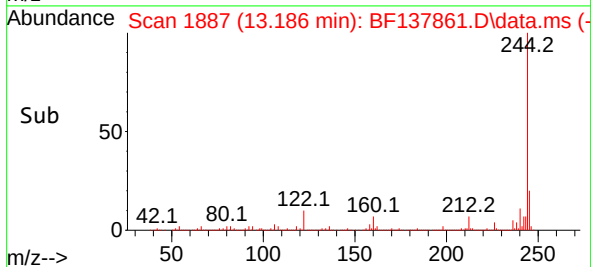
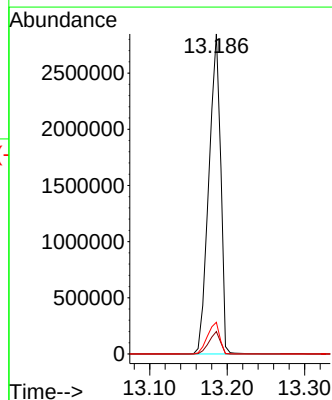
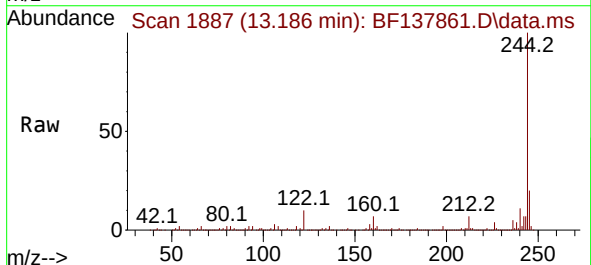
Instrument :
BNA_F
ClientSampleId :
PB160807BL

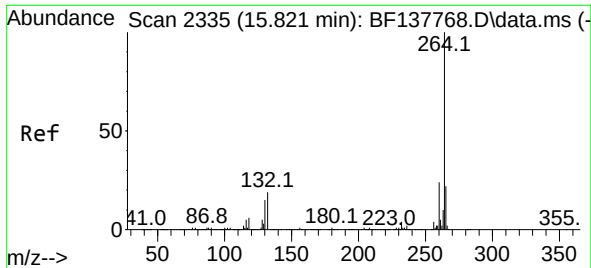
Tgt Ion:240 Resp: 554081
Ion Ratio Lower Upper
240 100
120 9.7 10.4 15.6#
236 25.0 20.4 30.6



#79
Terphenyl-d14
Concen: 90.986 ng
RT: 13.186 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Tgt Ion:244 Resp: 3008220
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.9 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137861.D
 Acq: 09 May 2024 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB160807BL

Tgt Ion:264 Resp: 429657
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 21.7 17.4 26.0

