

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138067.D
 Acq On : 30 May 2024 11:02
 Operator : CG\JU
 Sample : PB161191BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161191BL

Quant Time: May 30 11:50:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

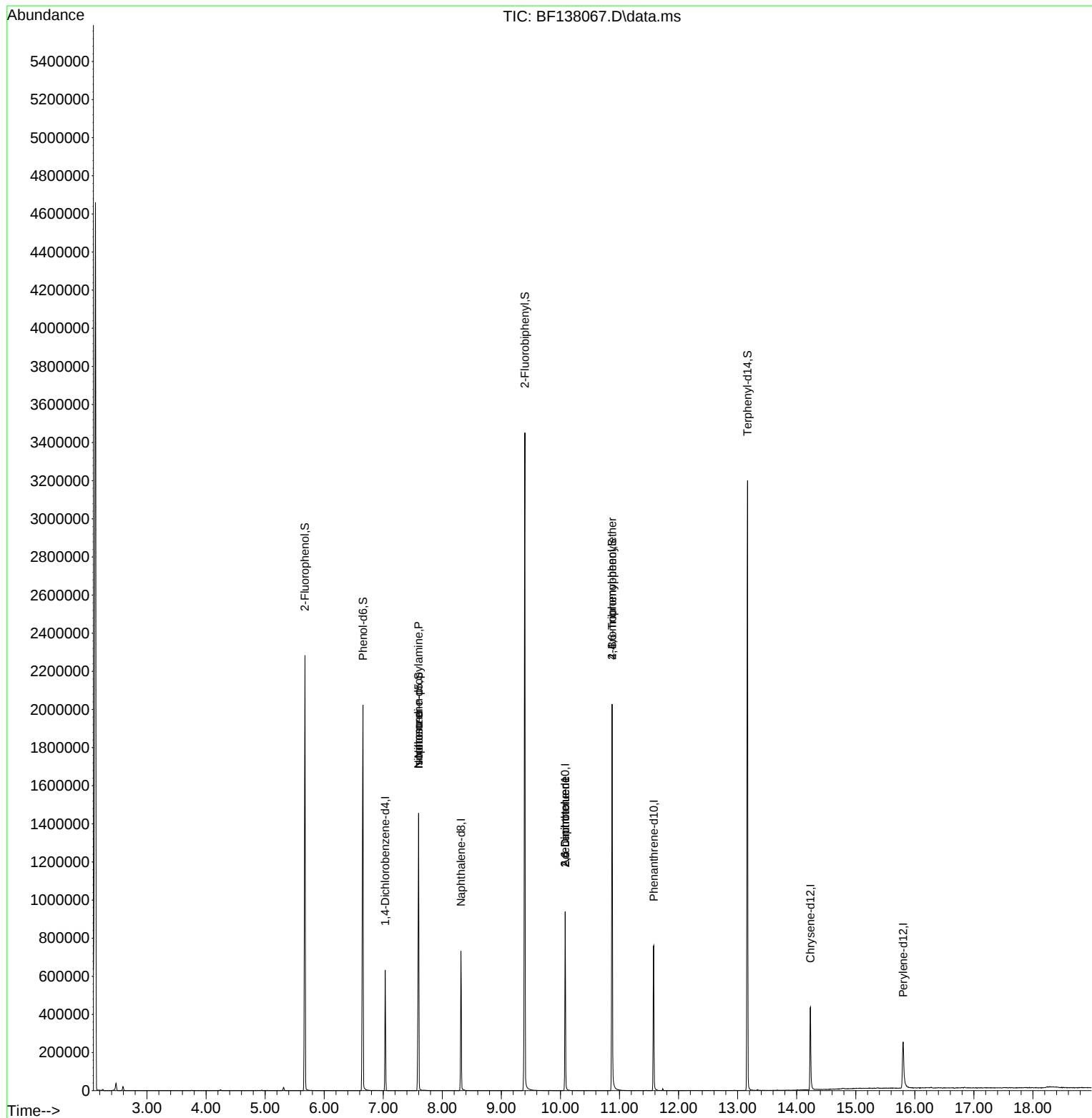
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	87560	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	343088	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	193241	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	326119	20.000	ng	0.00
76) Chrysene-d12	14.233	240	186300	20.000	ng	0.00
86) Perylene-d12	15.804	264	174694	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	674785	130.907	ng	0.01
7) Phenol-d6	6.657	99	808803	127.375	ng	0.00
23) Nitrobenzene-d5	7.598	82	495894	85.062	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	291138	149.421	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1151687	91.805	ng	0.00
79) Terphenyl-d14	13.168	244	1171497	92.676	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.598	70	66704	18.698	ng	# 72
25) Isophorone	7.598	82	495884	49.010	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	25065	9.012	ng	# 28
57) 2,4-Dinitrotoluene	10.080	165	25179	7.003	ng	# 32
67) 4-Bromophenyl-phenylether	10.874	248	17930	5.015	ng	# 1

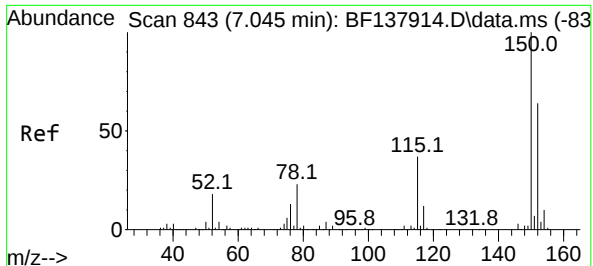
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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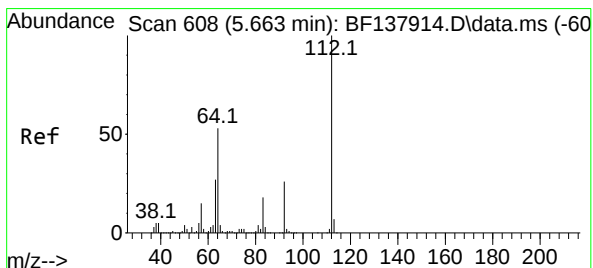
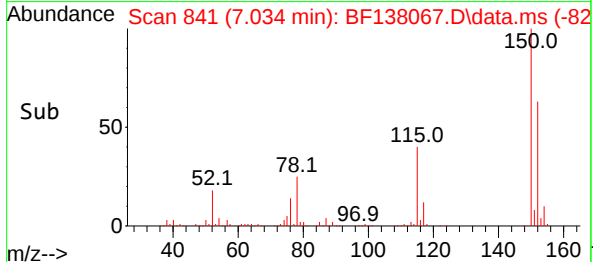
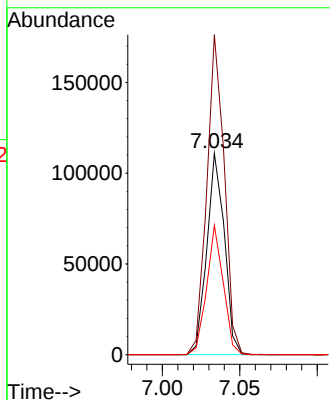
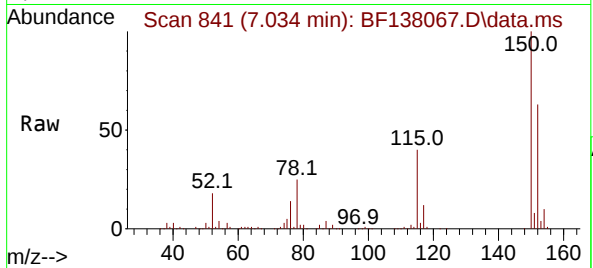




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

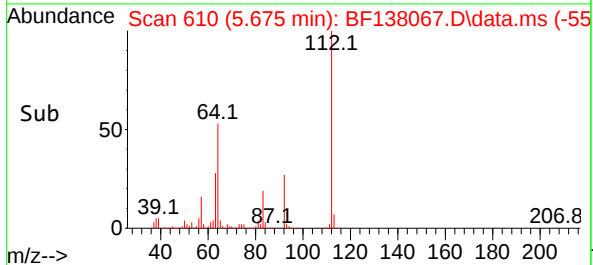
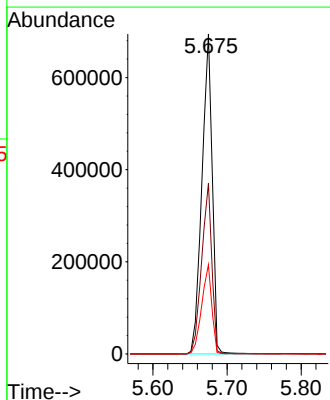
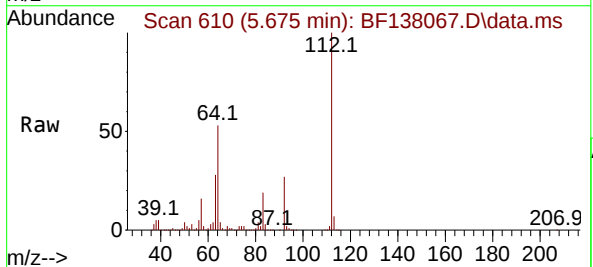
Instrument :
BNA_F
ClientSampleId :
PB161191BL

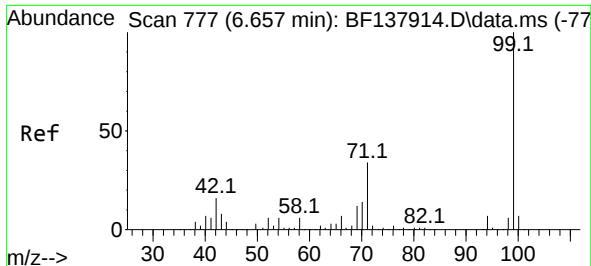
Tgt Ion:152 Resp: 87560
Ion Ratio Lower Upper
152 100
150 158.9 125.7 188.5
115 64.2 47.0 70.6



#5
2-Fluorophenol
Concen: 130.907 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

Tgt Ion:112 Resp: 674785
Ion Ratio Lower Upper
112 100
64 53.4 42.4 63.6
63 27.9 21.4 32.2

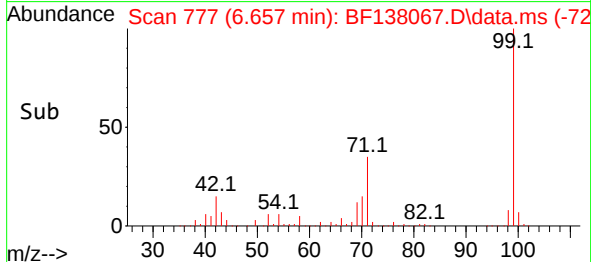
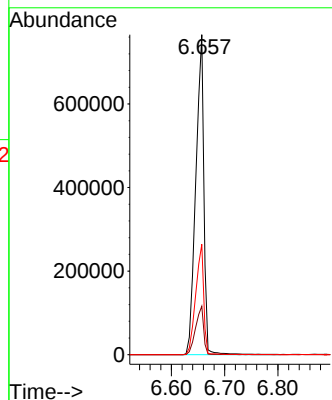
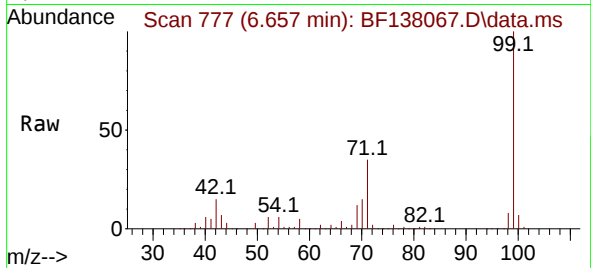




#7
Phenol-d6
Concen: 127.375 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

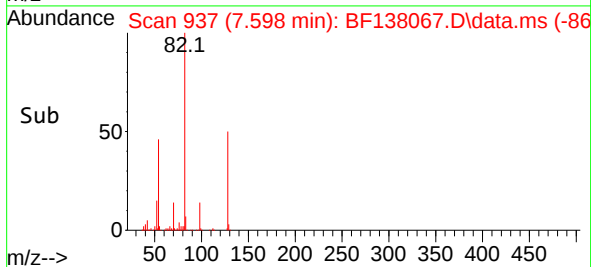
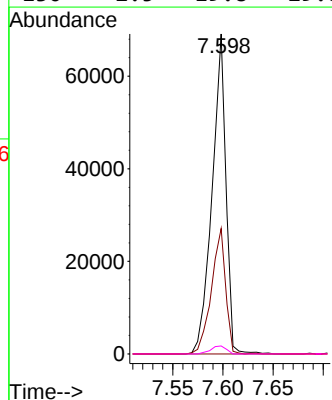
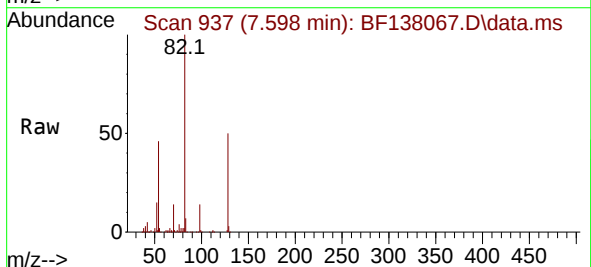
Instrument :
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ClientSampleId :
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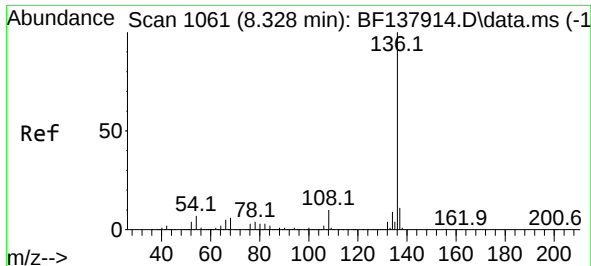
Tgt Ion: 99 Resp: 808803
Ion Ratio Lower Upper
99 100
42 15.1 12.6 18.8
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.698 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

Tgt Ion: 70 Resp: 66704
Ion Ratio Lower Upper
70 100
42 39.2 42.2 63.4#
101 0.0 8.8 13.2#
130 2.5 19.8 29.8#

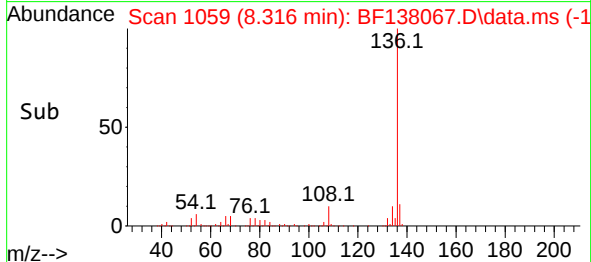
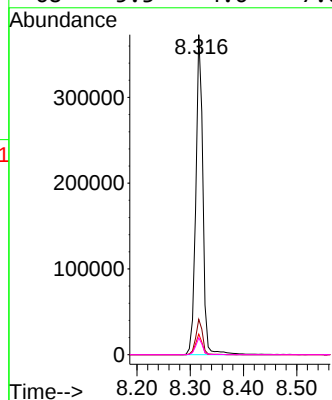
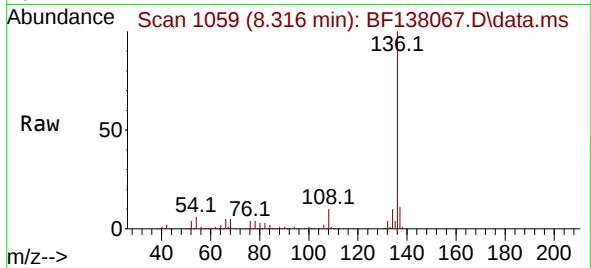




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

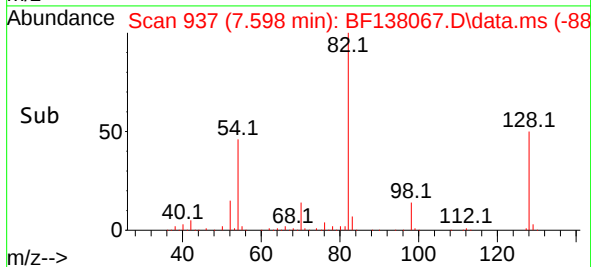
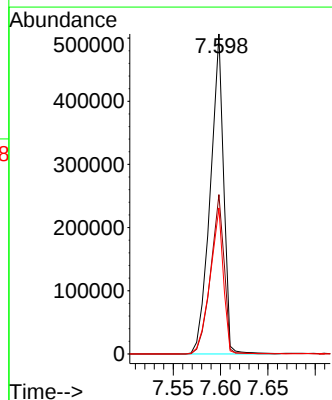
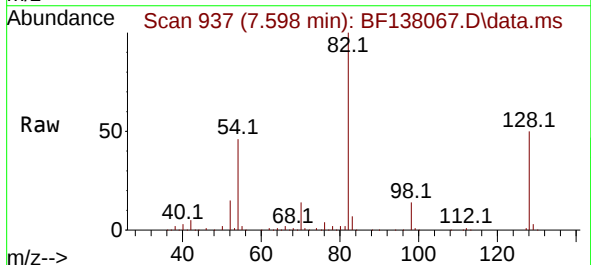
Instrument :
BNA_F
ClientSampleId :
PB161191BL

Tgt Ion:136 Resp: 343088
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.5 5.4 8.2
68 5.3 4.6 7.0



#23
Nitrobenzene-d5
Concen: 85.062 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

Tgt Ion: 82 Resp: 495894
Ion Ratio Lower Upper
82 100
128 49.8 40.3 60.5
54 45.6 36.8 55.2

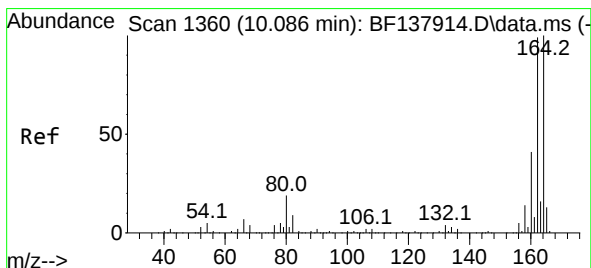
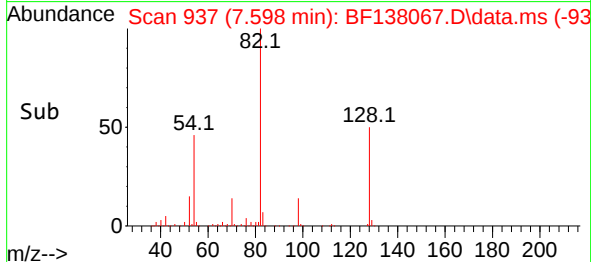
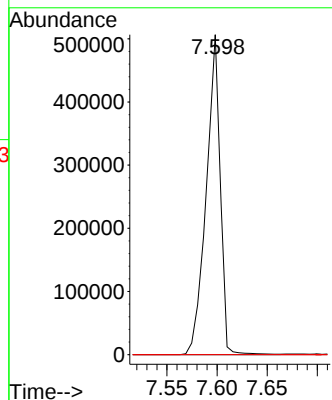
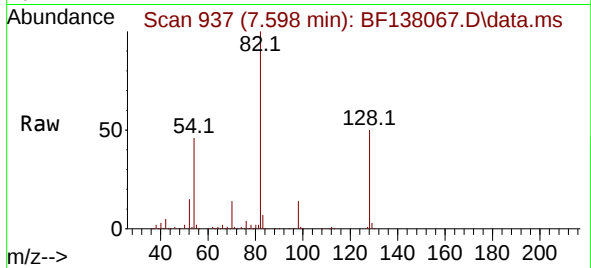




#25
Isophorone
Concen: 49.010 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

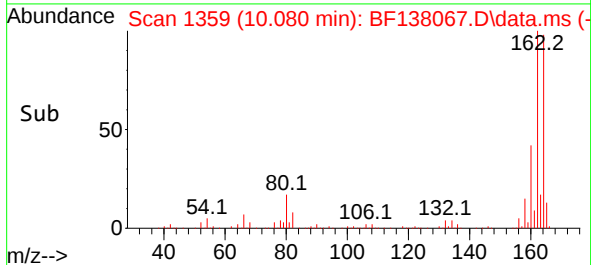
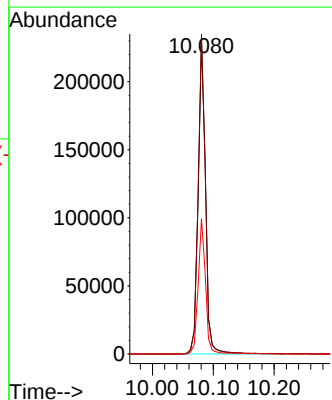
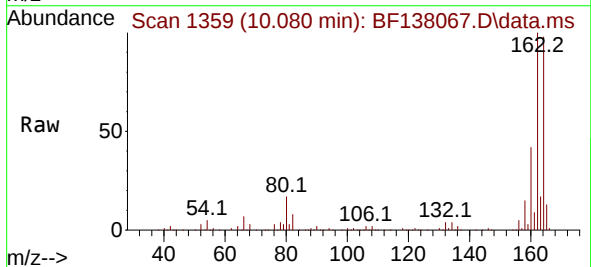
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ClientSampleId :
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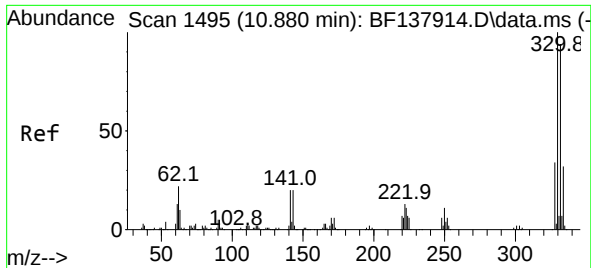
Tgt Ion: 82 Resp: 495884
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

Tgt Ion:164 Resp: 193241
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.2
160 43.1 33.1 49.7

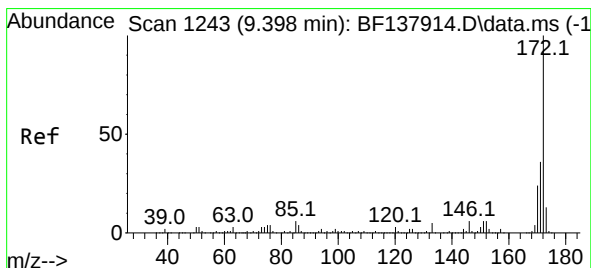
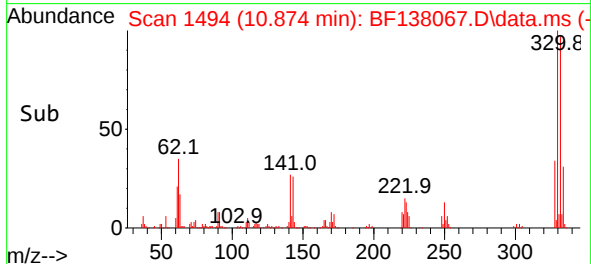
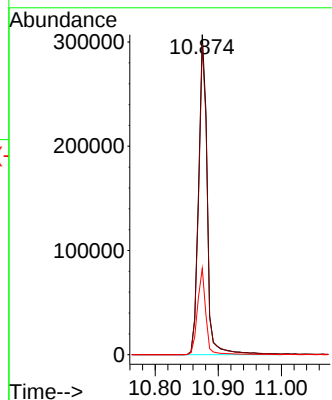
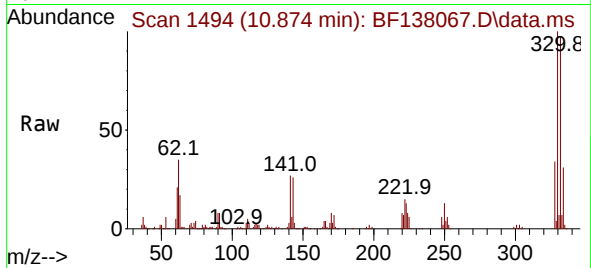




#42
2,4,6-Tribromophenol
Concen: 149.421 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

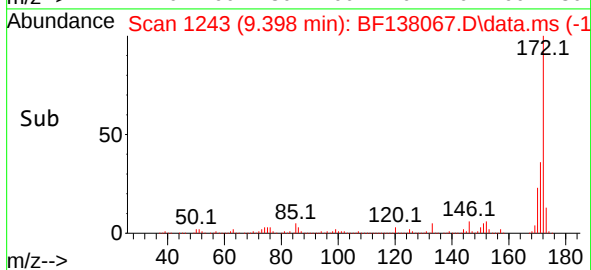
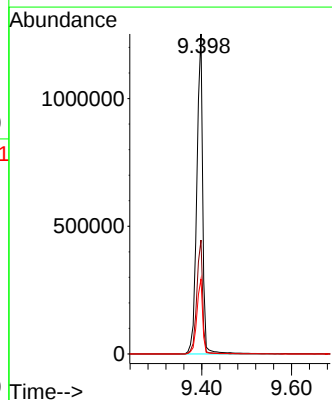
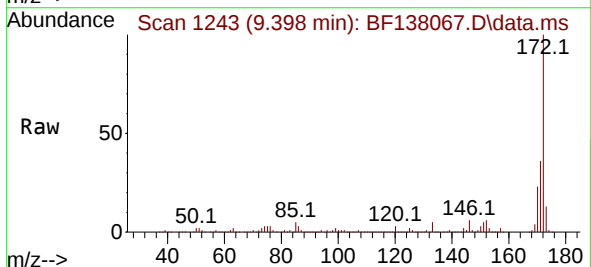
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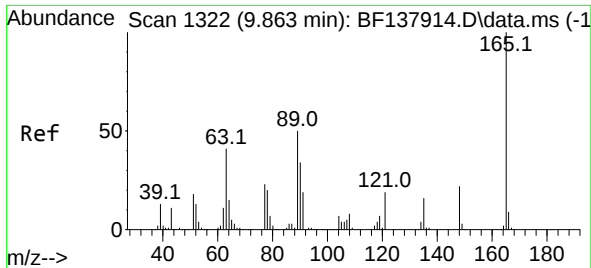
Tgt Ion:330 Resp: 291138
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.8
141 25.9 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 91.805 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

Tgt Ion:172 Resp: 1151687
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.4 18.9 28.3

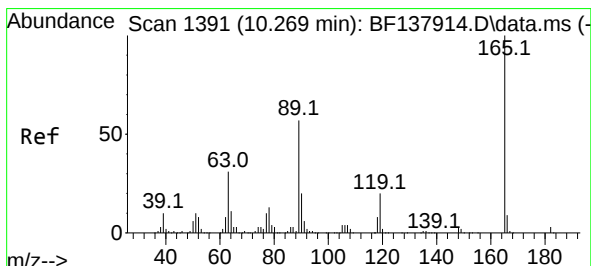
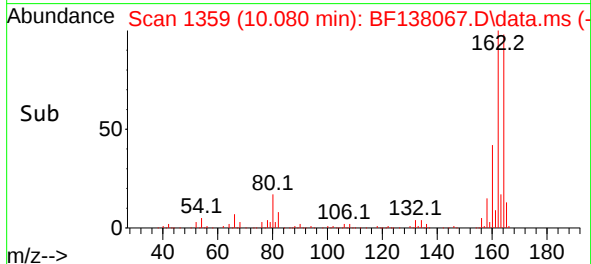
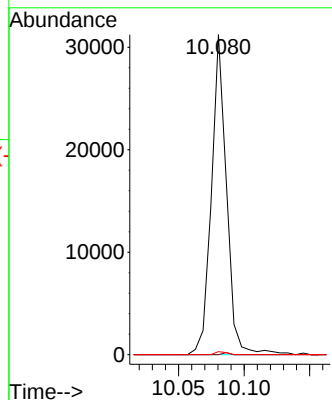
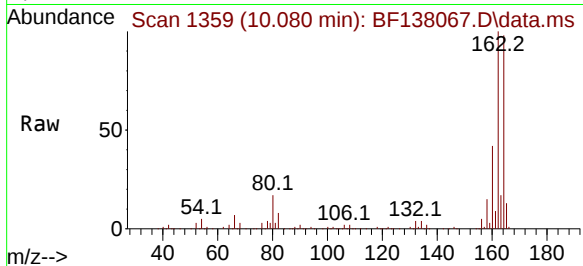




#51
2,6-Dinitrotoluene
Concen: 9.012 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

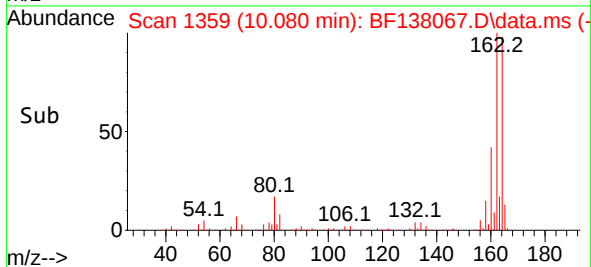
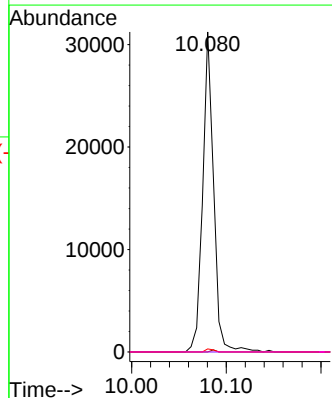
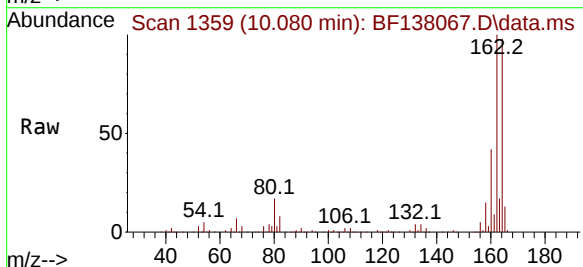
Instrument :
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ClientSampleId :
PB161191BL

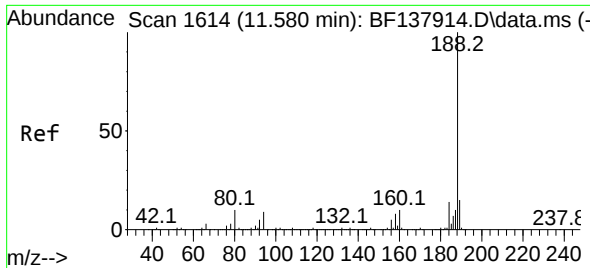
Tgt Ion:165 Resp: 25065
Ion Ratio Lower Upper
165 100
63 0.0 38.9 58.3#
89 0.9 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.003 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

Tgt Ion:165 Resp: 25179
Ion Ratio Lower Upper
165 100
63 0.0 25.3 37.9#
89 0.9 45.9 68.9#
182 0.0 2.2 3.4#

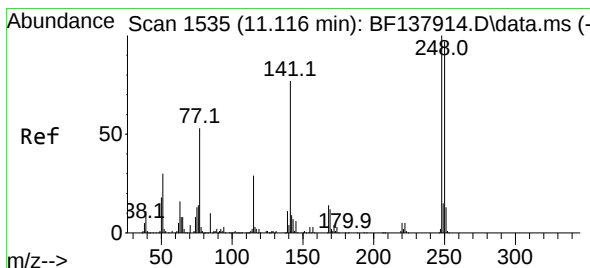
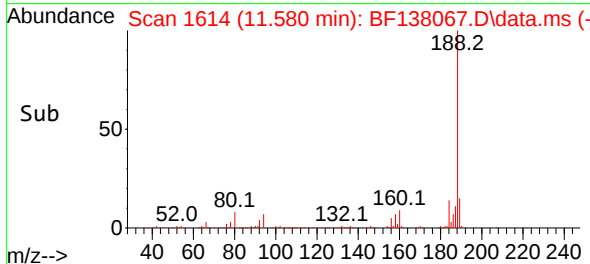
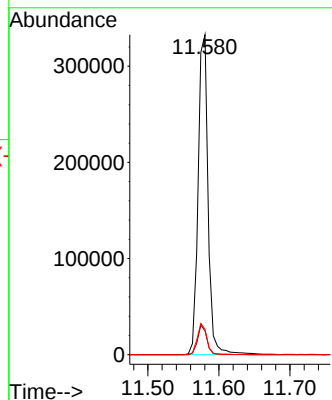
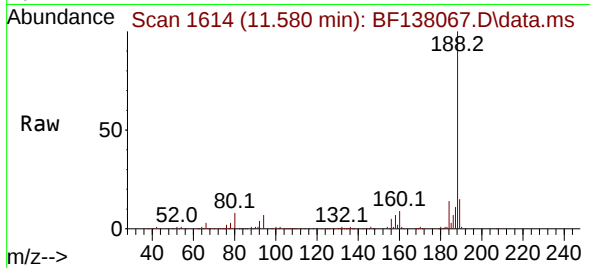




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

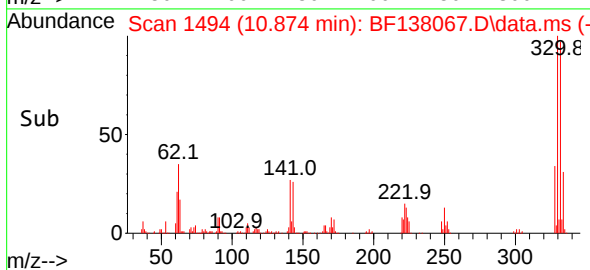
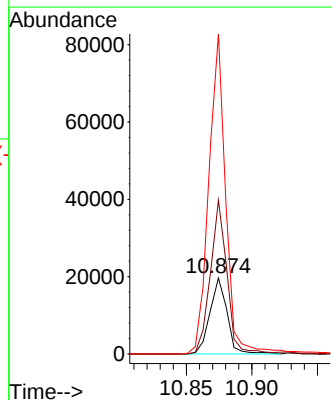
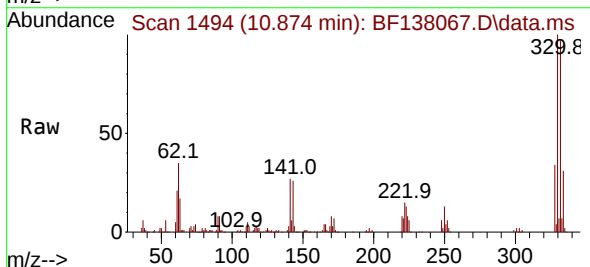
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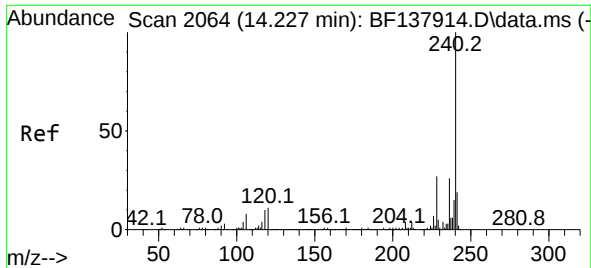
Tgt Ion:188 Resp: 326119
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 7.9 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 5.015 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

Tgt Ion:248 Resp: 17930
Ion Ratio Lower Upper
248 100
250 202.5 77.6 116.4#
141 421.3 61.4 92.2#

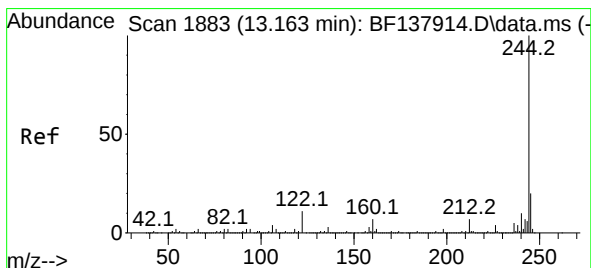
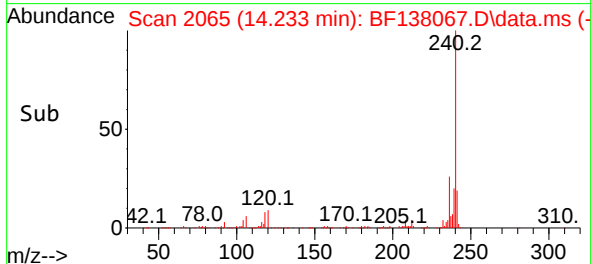
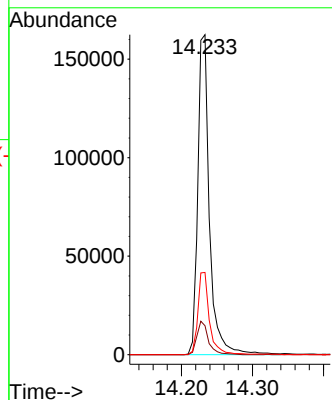
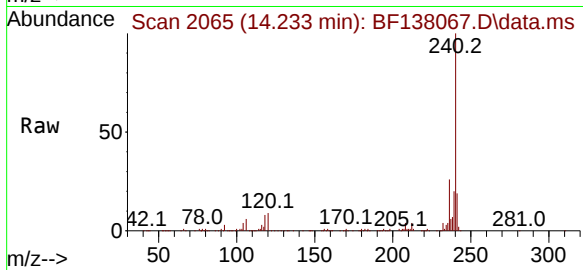




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

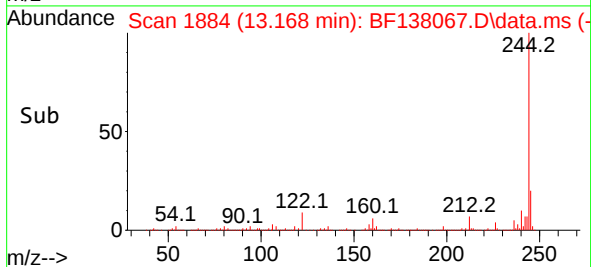
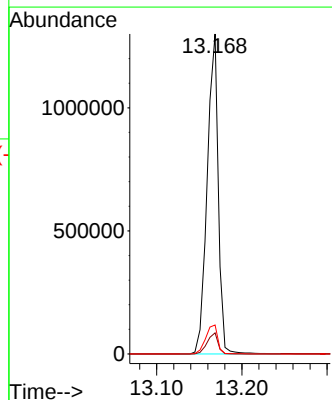
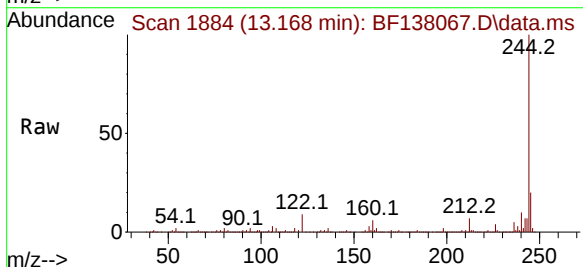
Instrument :
BNA_F
ClientSampleId :
PB161191BL

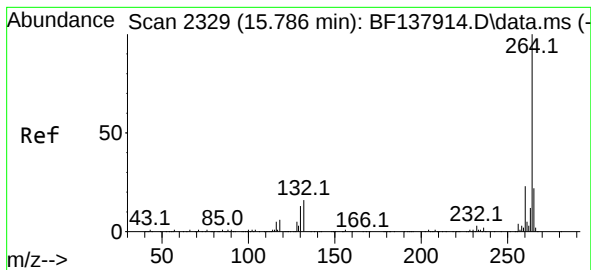
Tgt Ion:240 Resp: 186300
Ion Ratio Lower Upper
240 100
120 9.1 8.9 13.3
236 25.7 21.0 31.4



#79
Terphenyl-d14
Concen: 92.676 ng
RT: 13.168 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

Tgt Ion:244 Resp: 1171497
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 9.0 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF138067.D

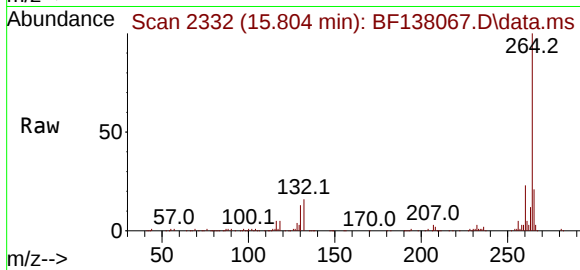
Acq: 30 May 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB161191BL



Tgt Ion:264 Resp: 174694

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 20.9 17.6 26.4

