

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138055.D
 Acq On : 29 May 2024 13:12
 Operator : CG\JU
 Sample : PB161170BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161170BL

Quant Time: May 29 13:37:36 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)

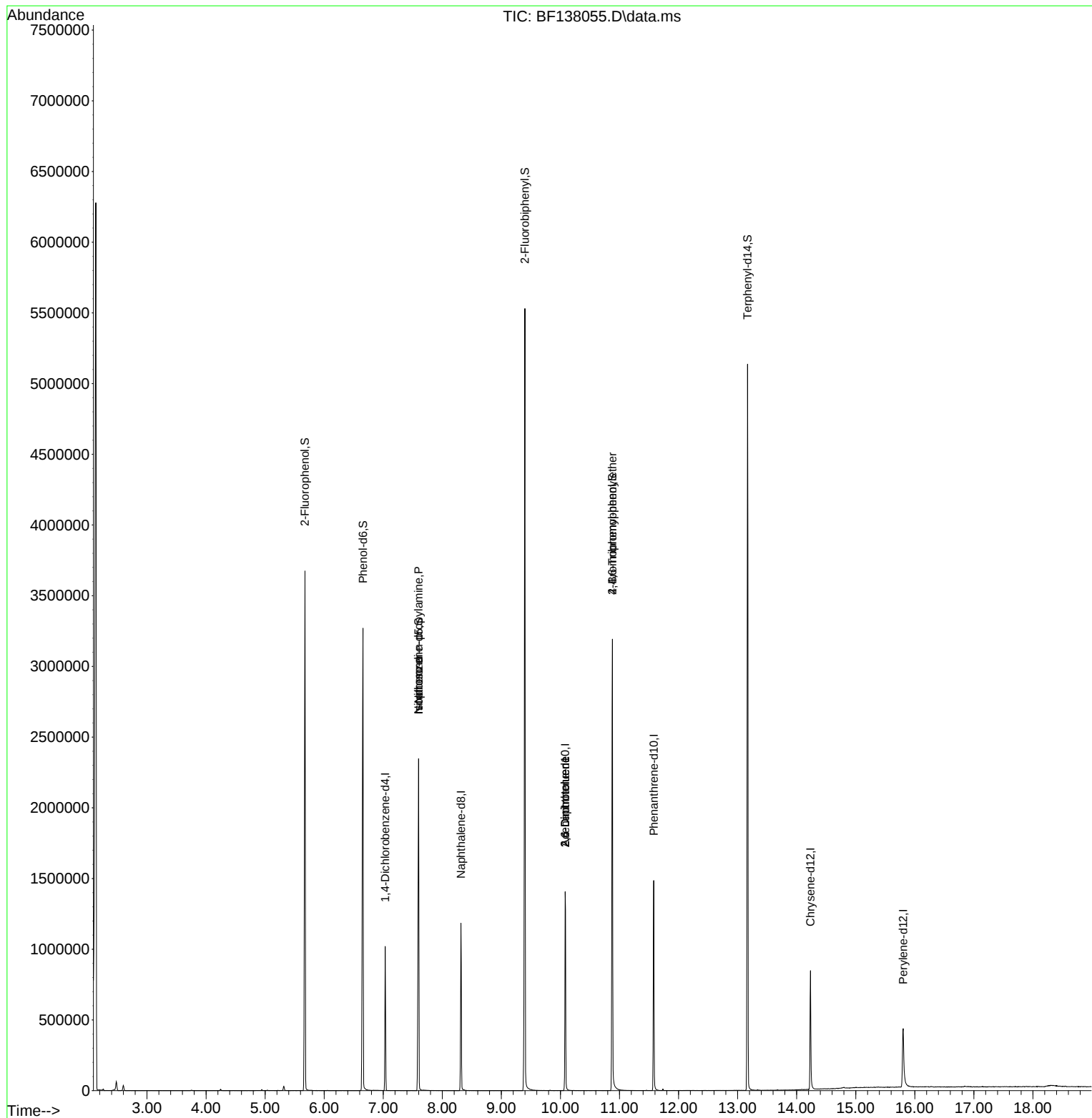
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	142998	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	567269	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	331108	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	557816	20.000	ng	0.00
76) Chrysene-d12	14.233	240	318422	20.000	ng	0.00
86) Perylene-d12	15.804	264	285543	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1108397	131.664	ng	0.01
7) Phenol-d6	6.657	99	1334566	128.694	ng	0.00
23) Nitrobenzene-d5	7.598	82	842434	87.397	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	458225	137.252	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1852386	86.177	ng	0.00
79) Terphenyl-d14	13.169	244	1974255	91.377	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.598	70	111857	19.199	ng	# 75
25) Isophorone	7.598	82	842426	50.356	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	42123	8.839	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	42124	6.838	ng	# 33
67) 4-Bromophenyl-phenylether	10.880	248	29121	4.762	ng	# 1

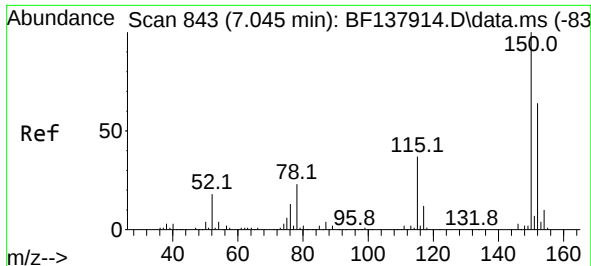
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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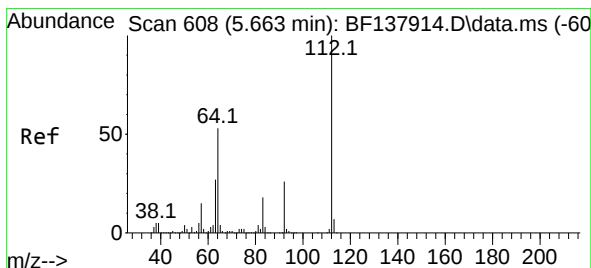
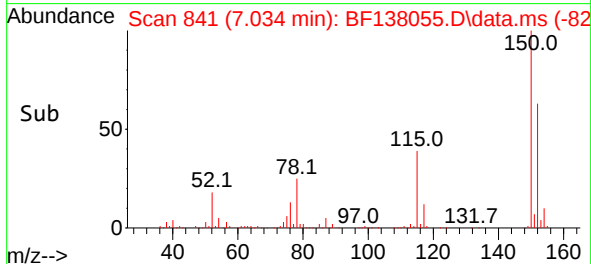
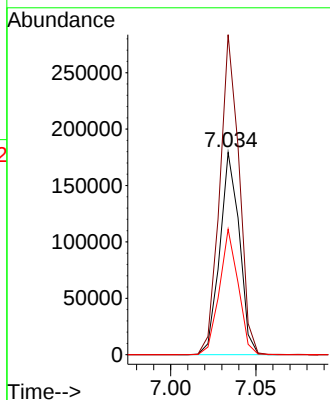
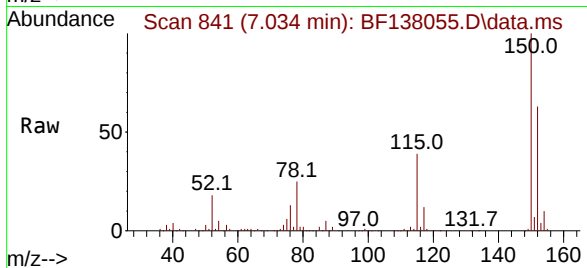




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BF138055.D
 Acq: 29 May 2024 13:12

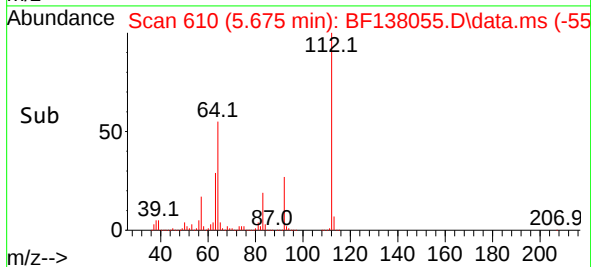
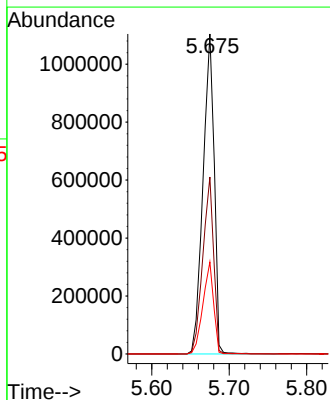
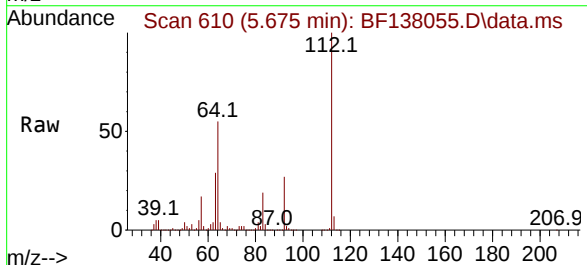
Instrument :
 BNA_F
 ClientSampleId :
 PB161170BL

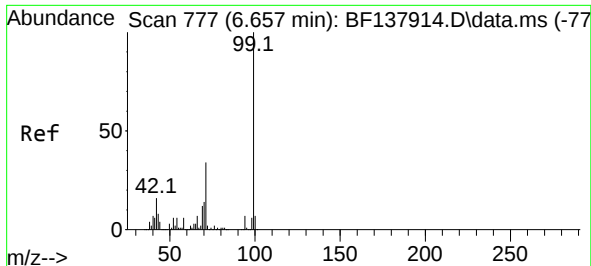
Tgt Ion:152 Resp: 142998
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.7 188.5
 115 62.0 47.0 70.6



#5
 2-Fluorophenol
 Concen: 131.664 ng
 RT: 5.675 min Scan# 610
 Delta R.T. 0.012 min
 Lab File: BF138055.D
 Acq: 29 May 2024 13:12

Tgt Ion:112 Resp: 1108397
 Ion Ratio Lower Upper
 112 100
 64 55.3 42.4 63.6
 63 28.7 21.4 32.2

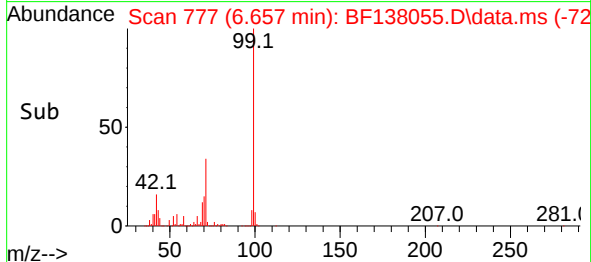
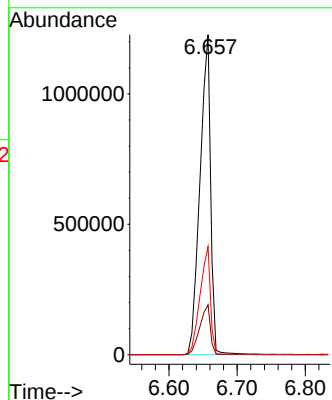
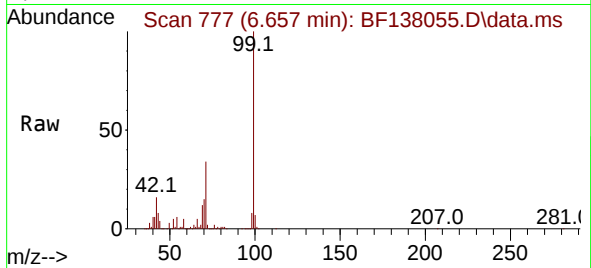




#7
Phenol-d6
Concen: 128.694 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

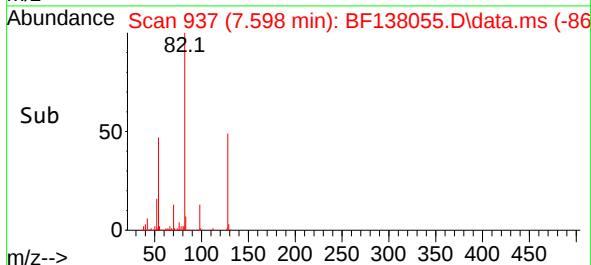
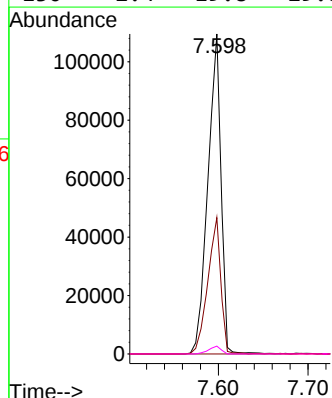
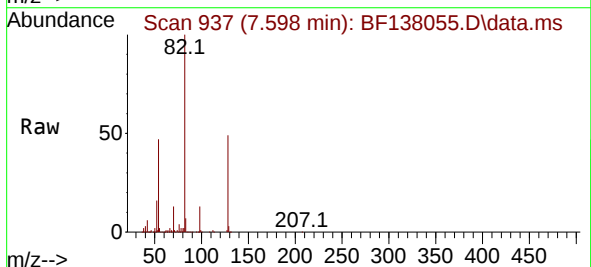
Instrument :
BNA_F
ClientSampleId :
PB161170BL

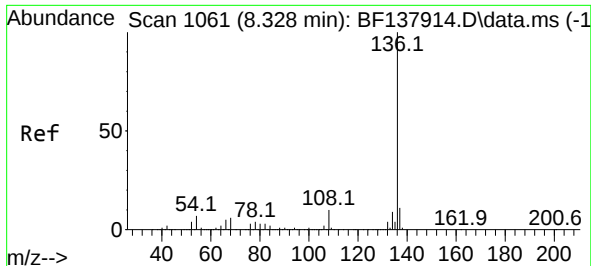
Tgt Ion: 99 Resp: 1334566
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.199 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

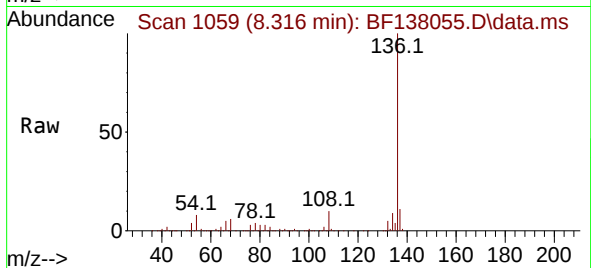
Tgt Ion: 70 Resp: 111857
Ion Ratio Lower Upper
70 100
42 42.6 42.2 63.4
101 0.0 8.8 13.2#
130 2.4 19.8 29.8#





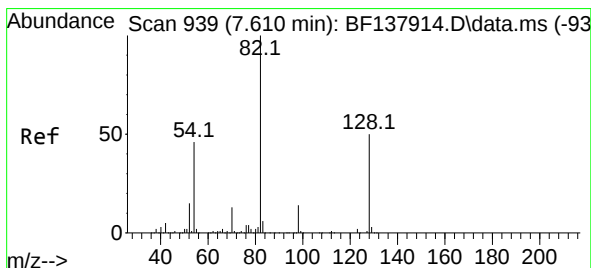
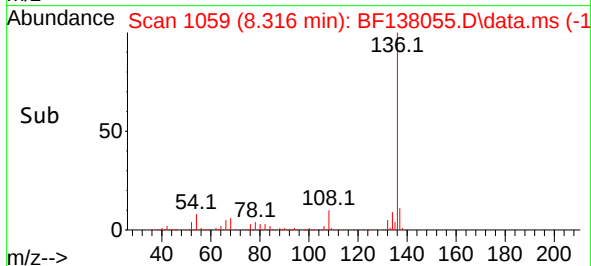
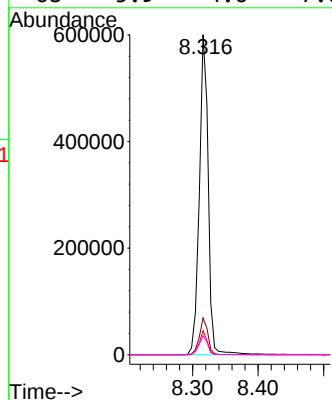
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB161170BL



Tgt Ion: 136 Resp: 567269

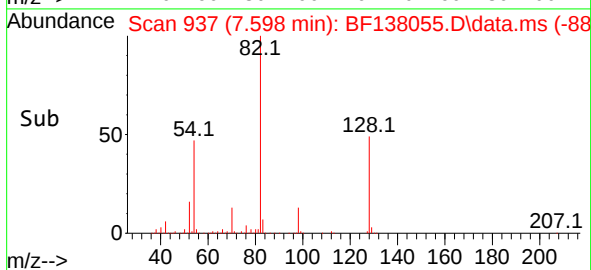
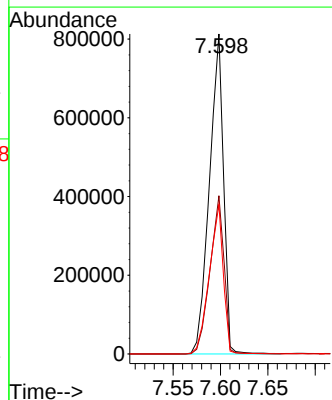
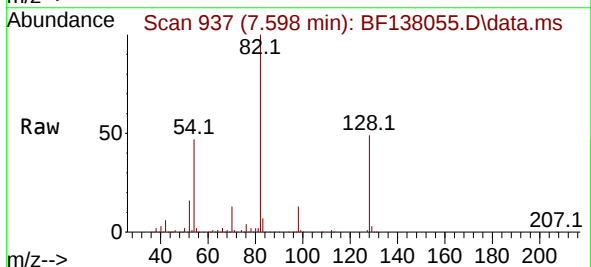
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.5	5.4	8.2
68	5.9	4.6	7.0

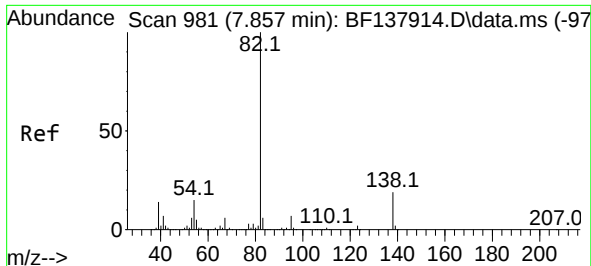


#23
Nitrobenzene-d5
Concen: 87.397 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

Tgt Ion: 82 Resp: 842434

Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.3	60.5
54	46.7	36.8	55.2

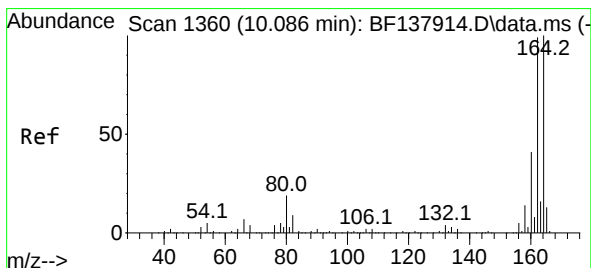
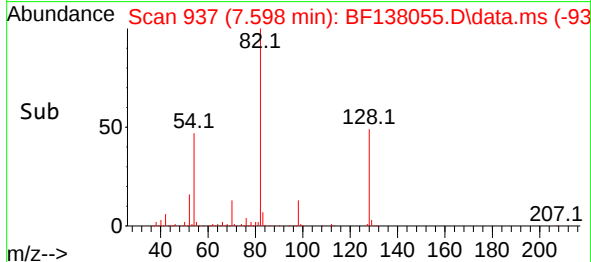
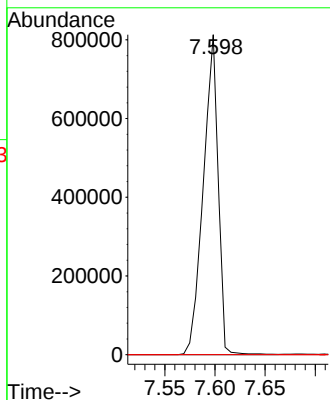
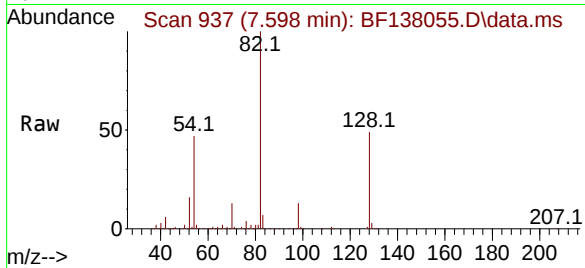




#25
Isophorone
Concen: 50.356 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

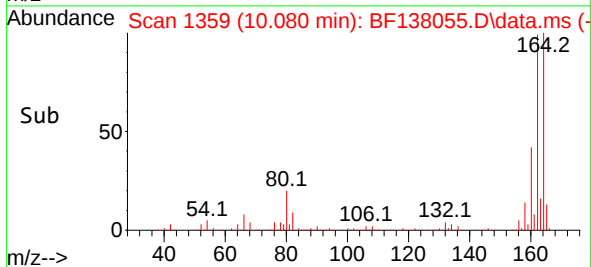
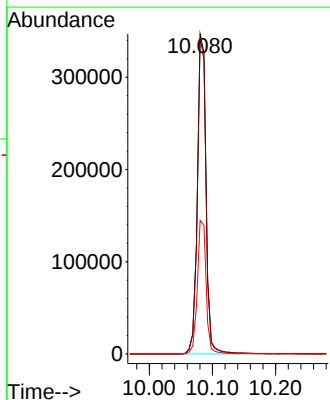
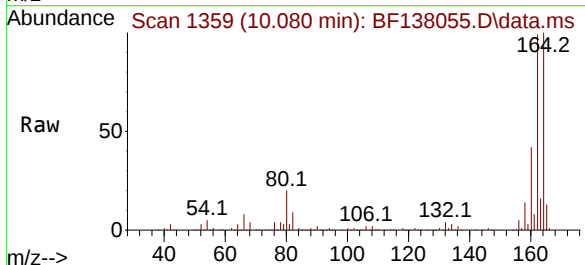
Instrument :
BNA_F
ClientSampleId :
PB161170BL

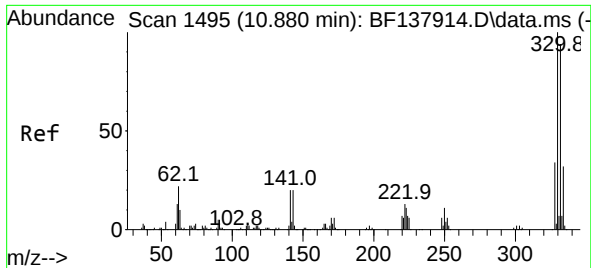
Tgt Ion: 82 Resp: 842426
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

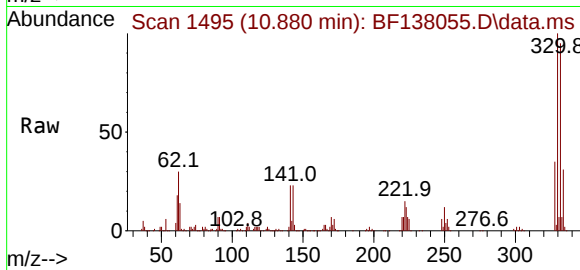
Tgt Ion:164 Resp: 331108
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.2
160 41.7 33.1 49.7



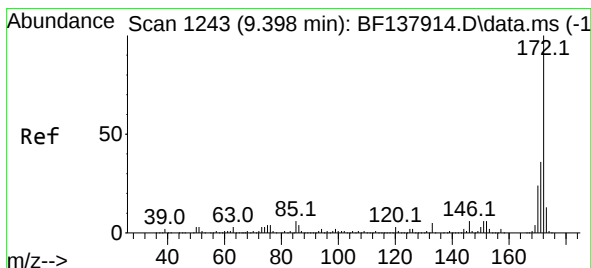
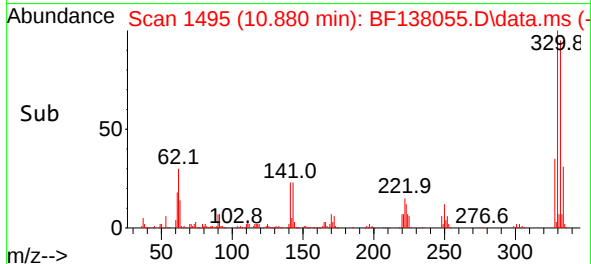
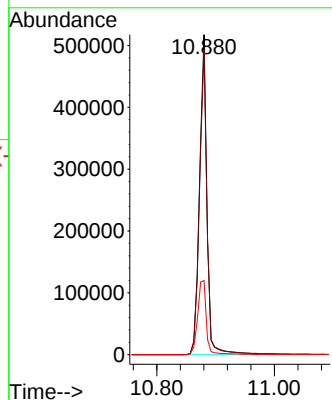


#42
2,4,6-Tribromophenol
Concen: 137.252 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB161170BL

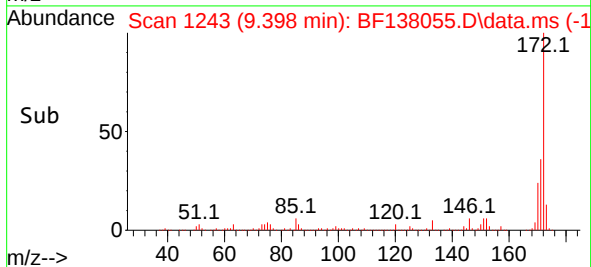
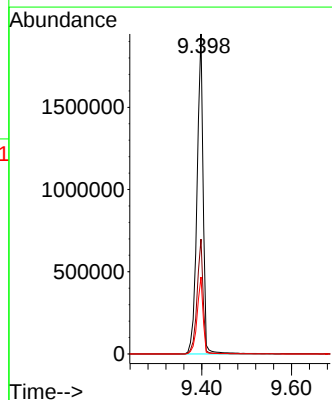
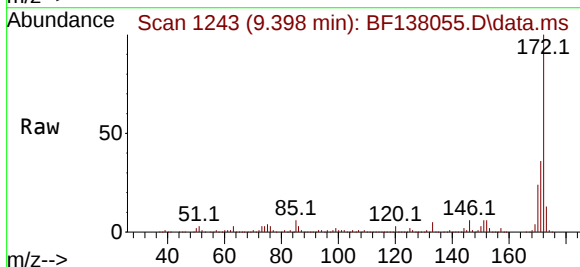


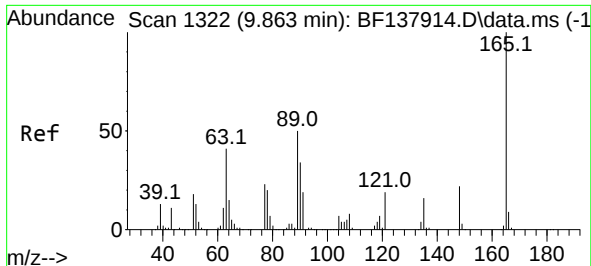
Tgt Ion:330 Resp: 458225
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.8
141 27.2 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 86.177 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

Tgt Ion:172 Resp: 1852386
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 24.0 18.9 28.3

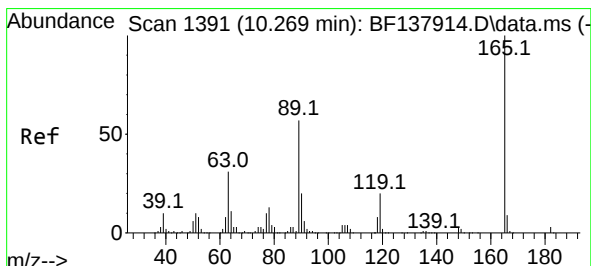
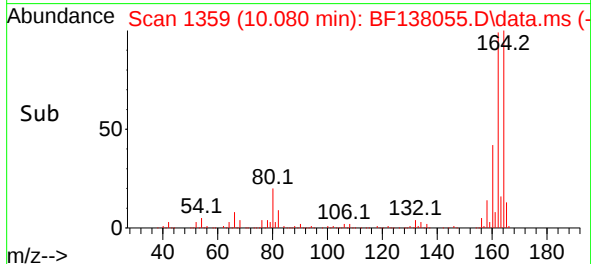
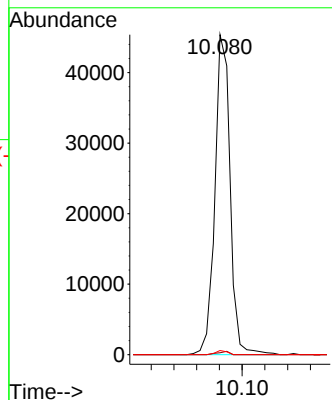
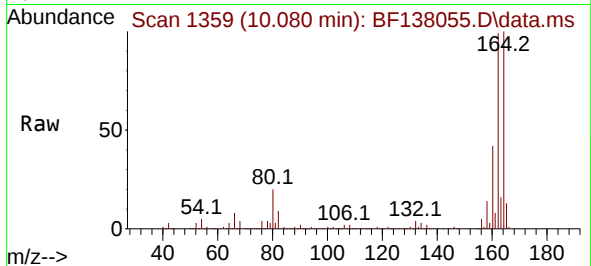




#51
2,6-Dinitrotoluene
Concen: 8.839 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

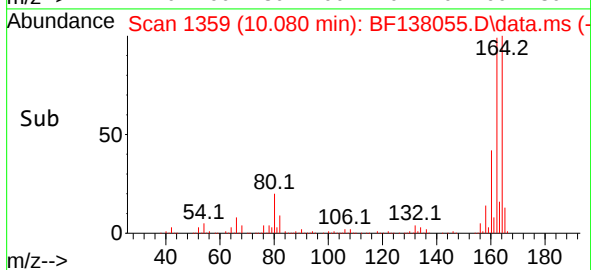
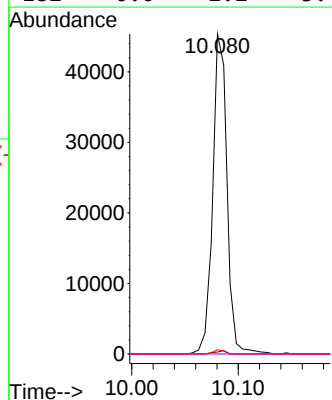
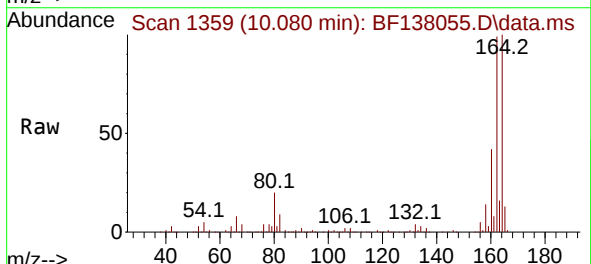
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ClientSampleId :
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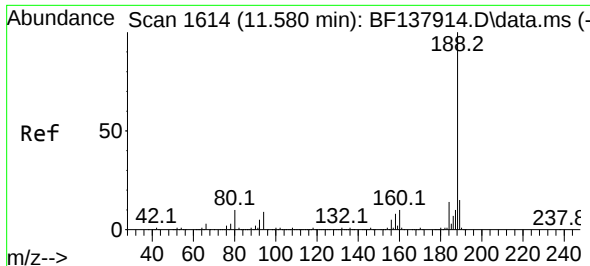
Tgt Ion:165 Resp: 42123
Ion Ratio Lower Upper
165 100
63 0.6 38.9 58.3#
89 1.3 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.838 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

Tgt Ion:165 Resp: 42124
Ion Ratio Lower Upper
165 100
63 0.6 25.3 37.9#
89 1.3 45.9 68.9#
182 0.0 2.2 3.4#

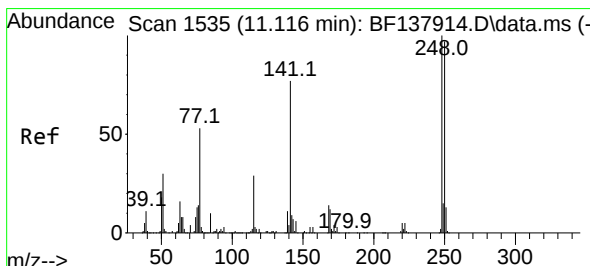
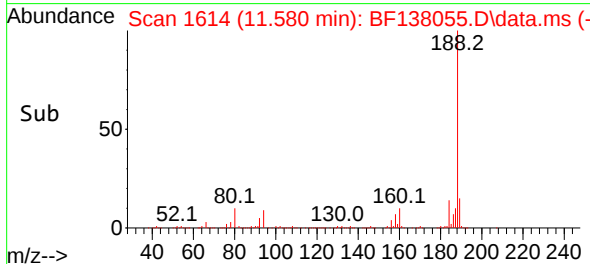
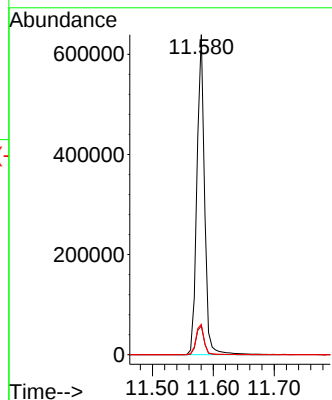
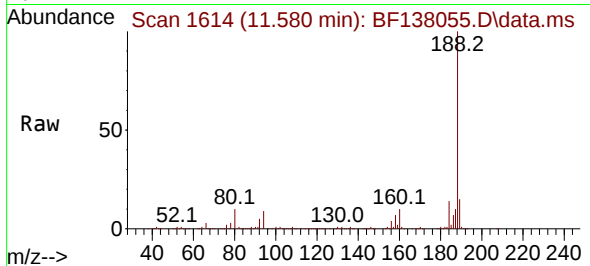




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

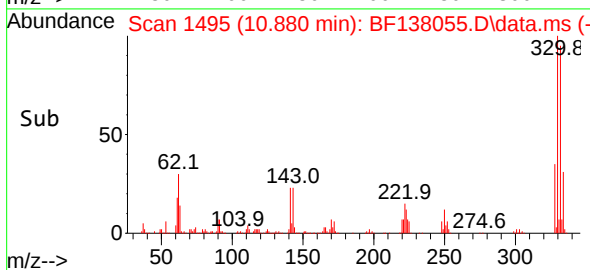
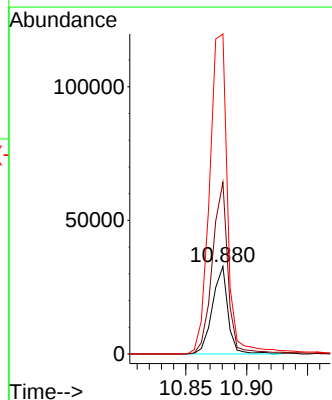
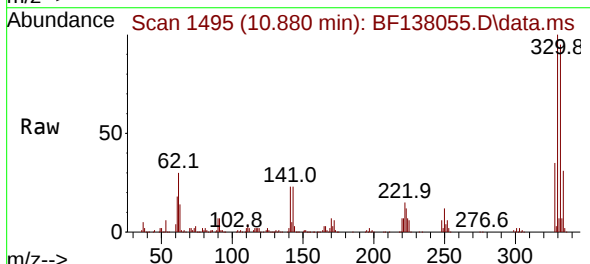
Instrument :
BNA_F
ClientSampleId :
PB161170BL

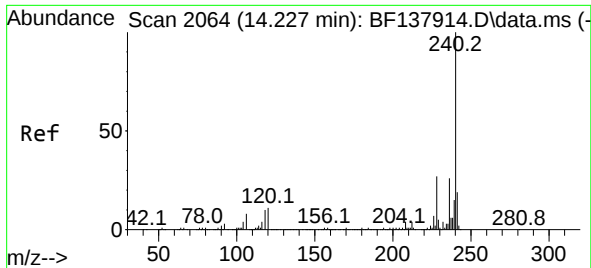
Tgt Ion:188 Resp: 557816
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.5 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.762 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.235 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

Tgt Ion:248 Resp: 29121
Ion Ratio Lower Upper
248 100
250 196.3 77.6 116.4#
141 365.7 61.4 92.2#

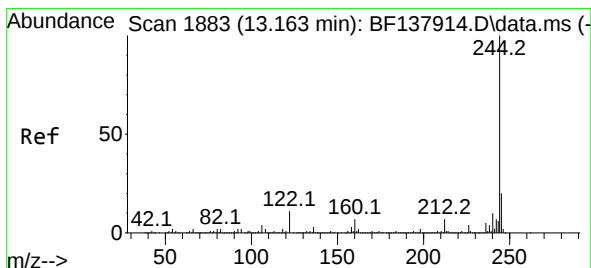
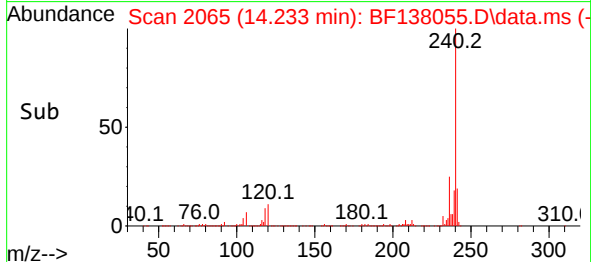
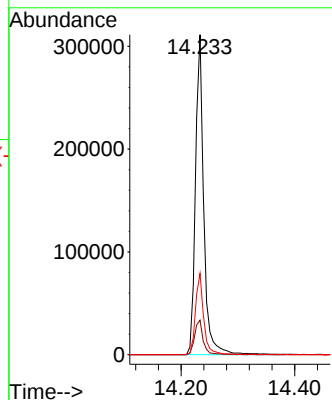
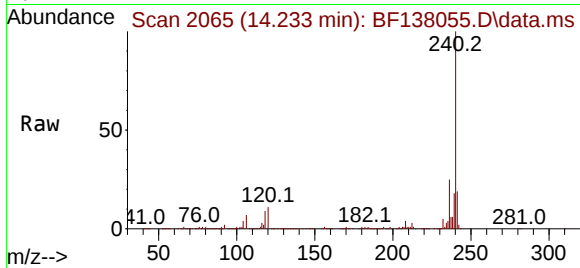




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

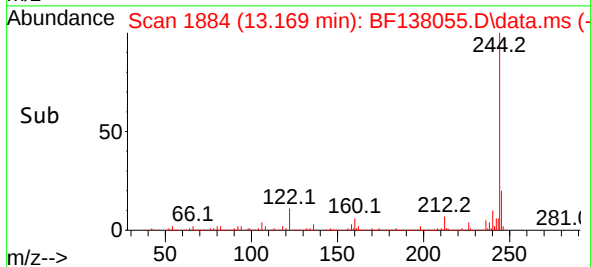
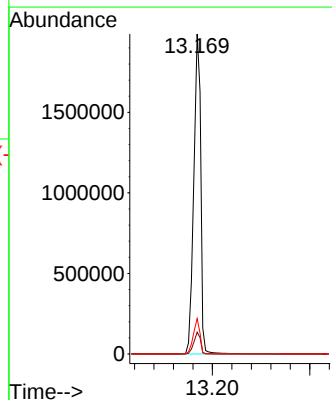
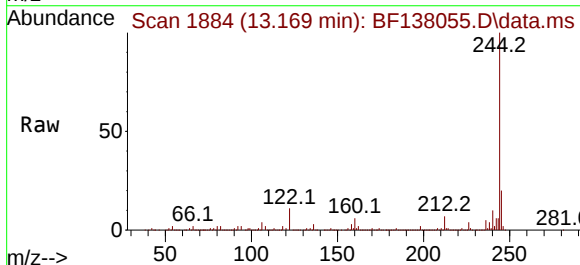
Instrument :
BNA_F
ClientSampleId :
PB161170BL

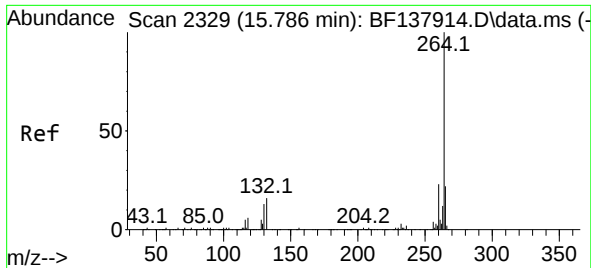
Tgt Ion:240 Resp: 318422
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.4 21.0 31.4



#79
Terphenyl-d14
Concen: 91.377 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BF138055.D
Acq: 29 May 2024 13:12

Tgt Ion:244 Resp: 1974255
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 11.0 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: BF138055.D
Acq: 29 May 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB161170BL

Tgt Ion:264 Resp: 285543
Ion Ratio Lower Upper
264 100
260 23.5 18.3 27.5
265 21.7 17.6 26.4

