

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126923.D
 Acq On : 17 Feb 2022 13:02
 Operator : CG\JU
 Sample : PB142646BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142646BL

Quant Time: Feb 17 17:08:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

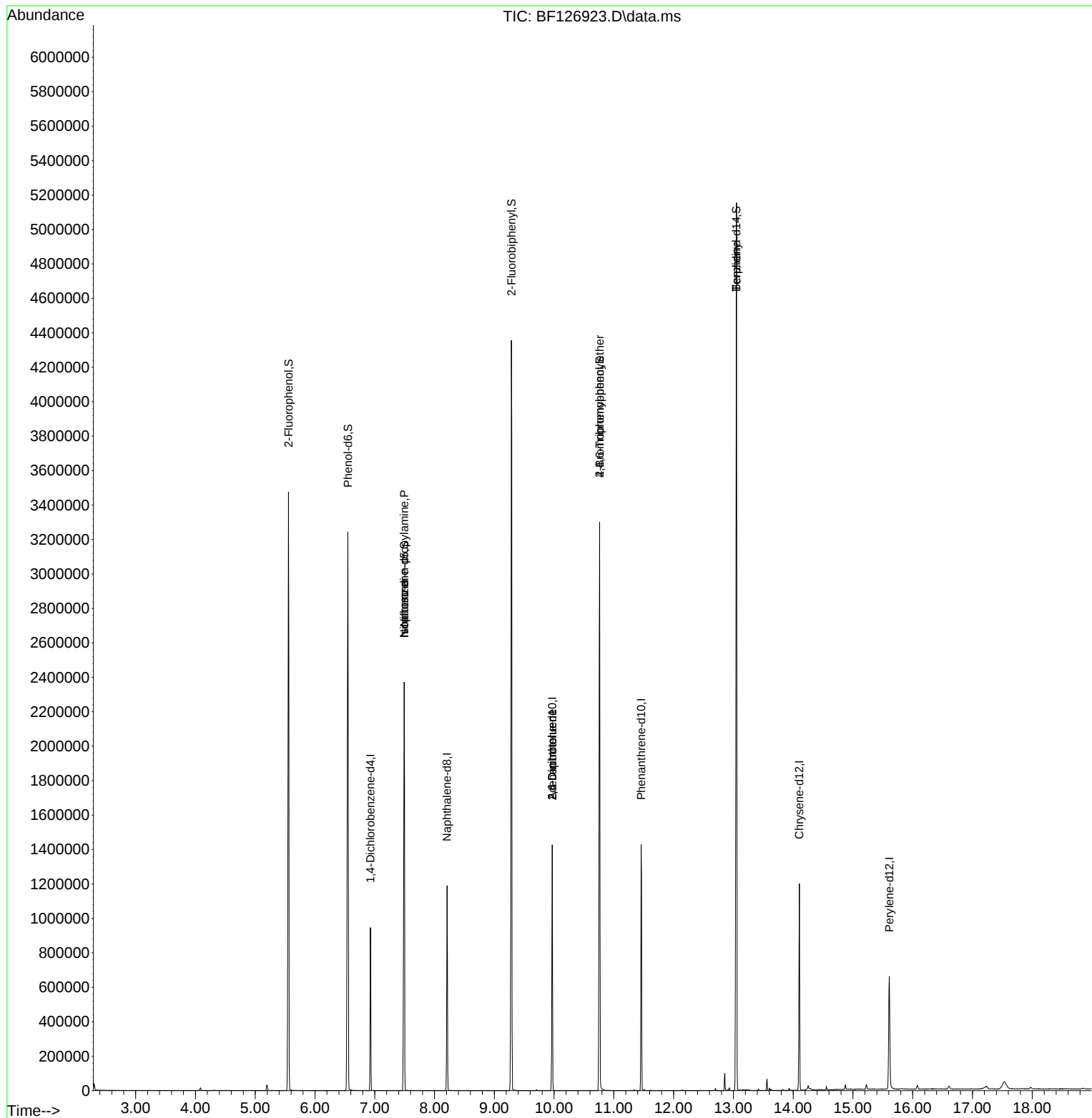
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	118681	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	485578	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	256150	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	490401	20.000	ng	0.00
76) Chrysene-d12	14.104	240	359095	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	285576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	934483	121.697	ng	0.01
7) Phenol-d6	6.551	99	1245000	120.158	ng	0.00
23) Nitrobenzene-d5	7.492	82	887071	82.458	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	379438	128.657	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1404309	80.709	ng	0.00
79) Terphenyl-d14	13.051	244	1820315	74.519	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.492	70	121148	18.145	ng	# 79
25) Isophorone	7.492	82	885487	49.743	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	32579	8.746	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	32579	6.468	ng	# 15
67) 4-Bromophenyl-phenylether	10.763	248	22512	4.109	ng	# 1
77) Benzidine	13.051	184	26051	2.670	ng	96

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

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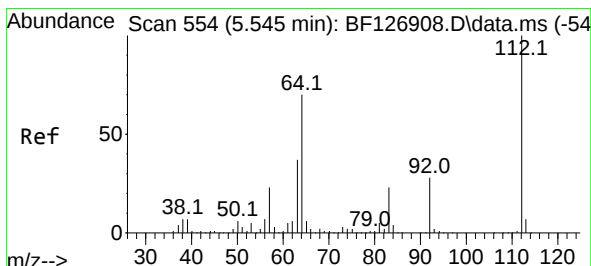
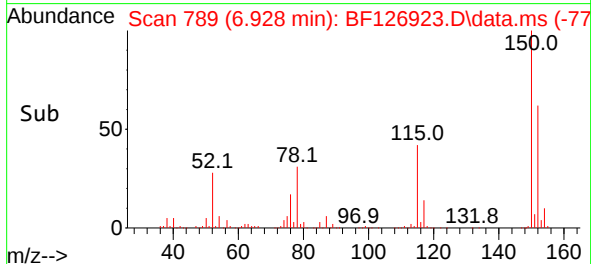
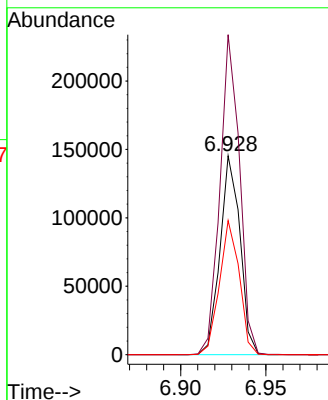
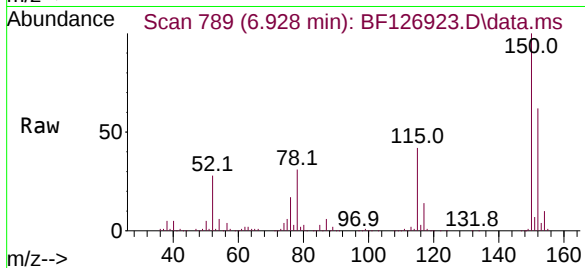




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

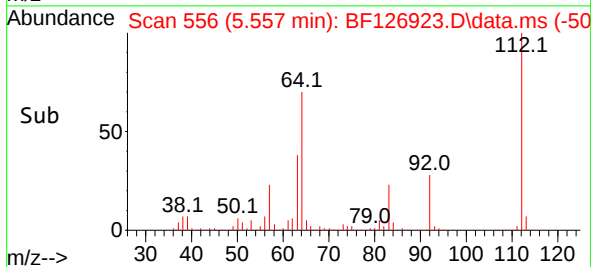
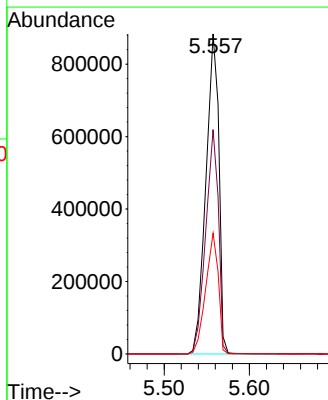
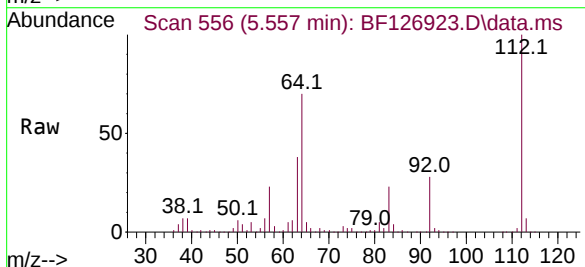
Instrument :
BNA_F
ClientSampleId :
PB142646BL

Tgt Ion:152 Resp: 118681
Ion Ratio Lower Upper
152 100
150 160.9 128.1 192.1
115 67.4 56.7 85.1



#5
2-Fluorophenol
Concen: 121.697 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

Tgt Ion:112 Resp: 934483
Ion Ratio Lower Upper
112 100
64 70.1 49.5 74.3
63 37.7 23.9 35.9#

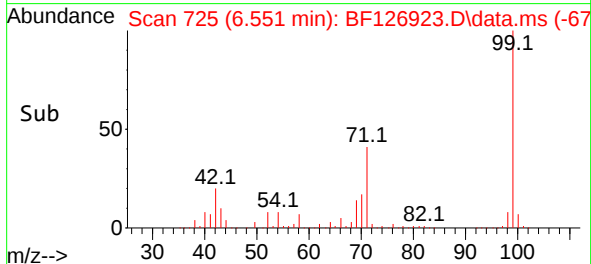
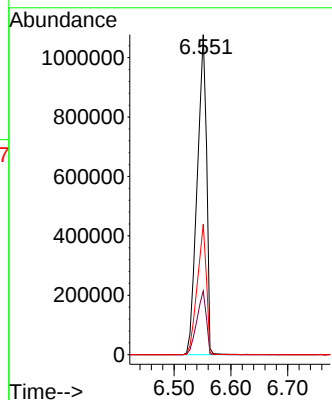
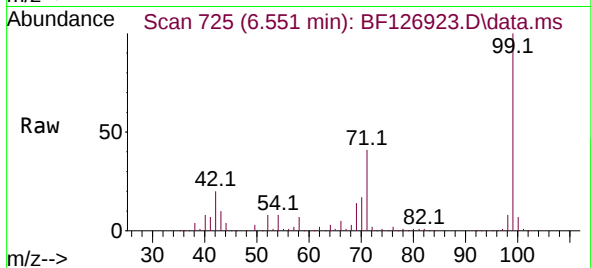




#7
Phenol-d6
Concen: 120.158 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

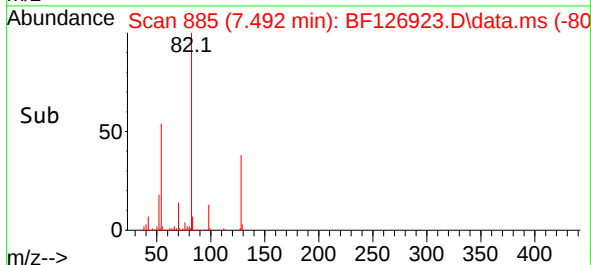
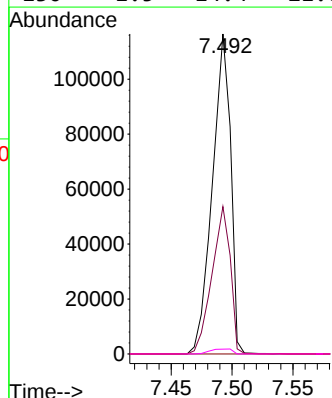
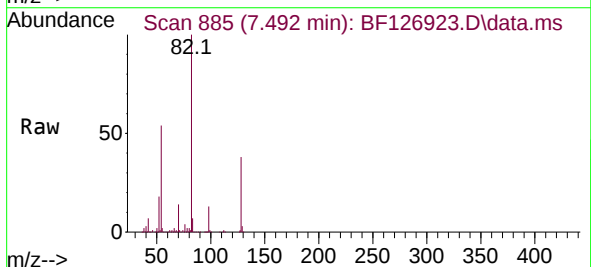
Instrument :
BNA_F
ClientSampleId :
PB142646BL

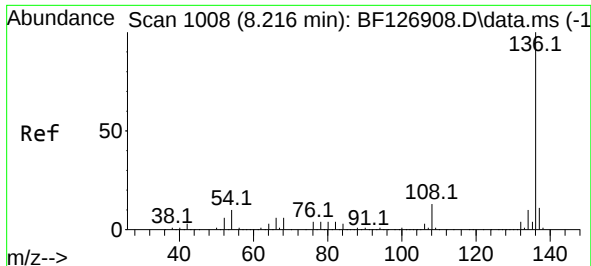
Tgt Ion: 99 Resp: 1245000
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 40.8 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.145 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

Tgt Ion: 70 Resp: 121148
Ion Ratio Lower Upper
70 100
42 46.0 45.8 68.8
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#





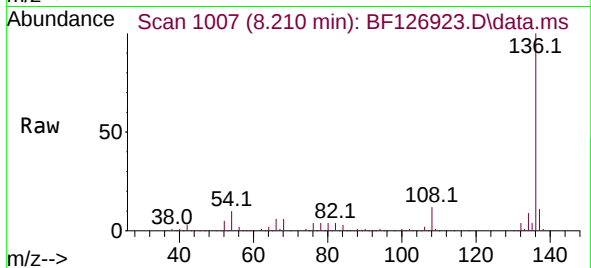
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

Instrument :

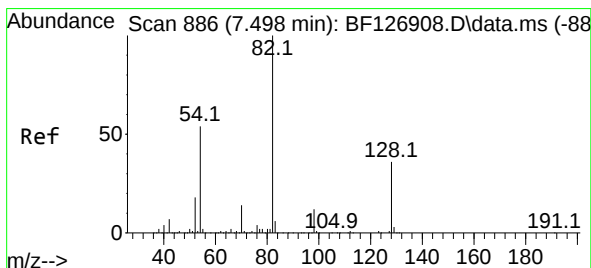
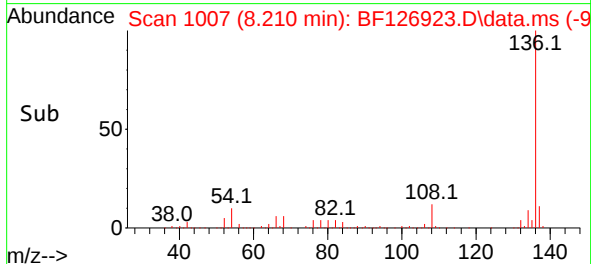
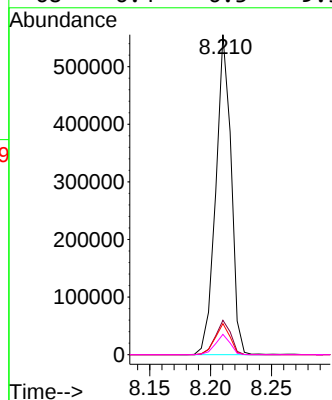
BNA_F

ClientSampleId :

PB142646BL

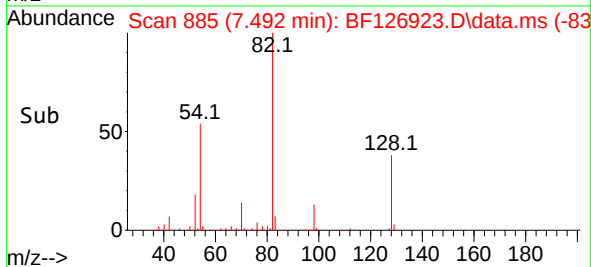
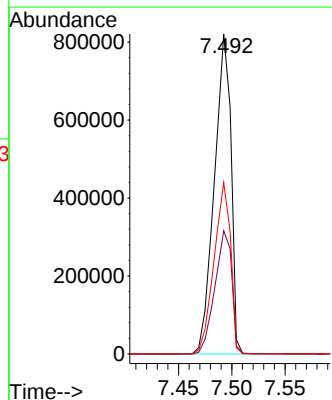
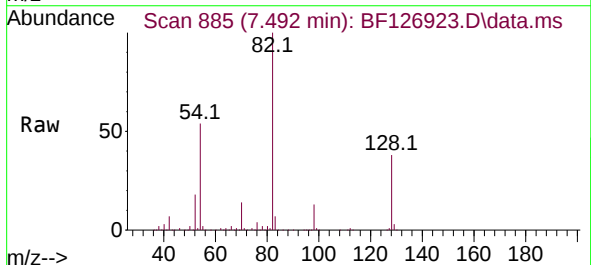


Tgt Ion:136 Resp: 485578
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.7 7.8 11.6
68 6.4 6.3 9.5



#23
Nitrobenzene-d5
Concen: 82.458 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

Tgt Ion: 82 Resp: 887071
Ion Ratio Lower Upper
82 100
128 38.5 32.7 49.1
54 53.5 41.7 62.5

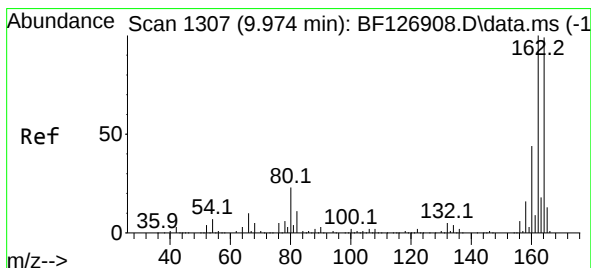
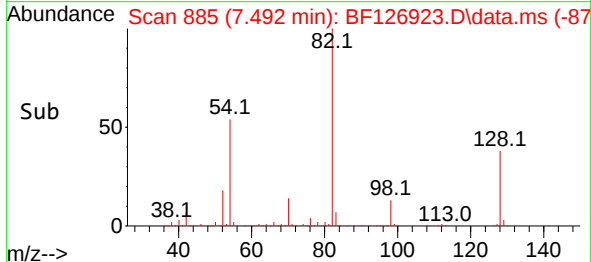
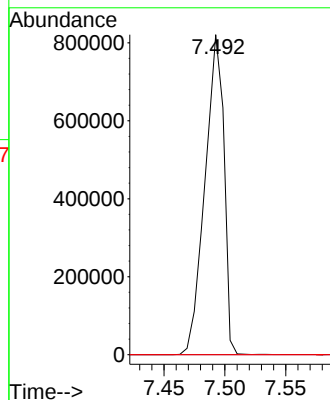
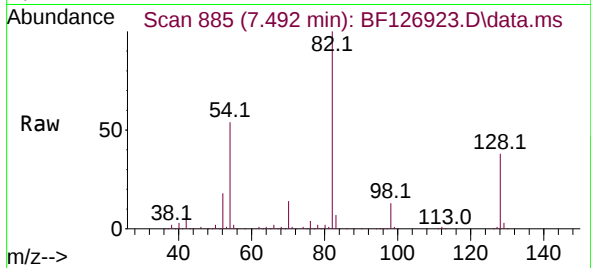




#25
Isophorone
Concen: 49.743 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

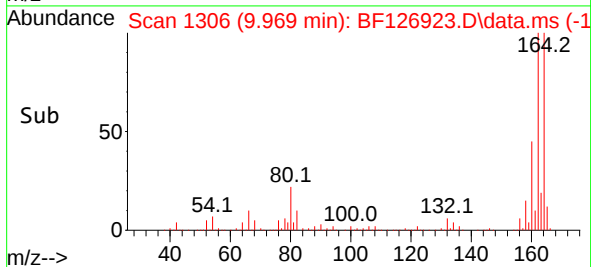
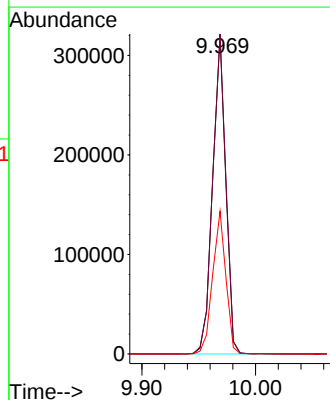
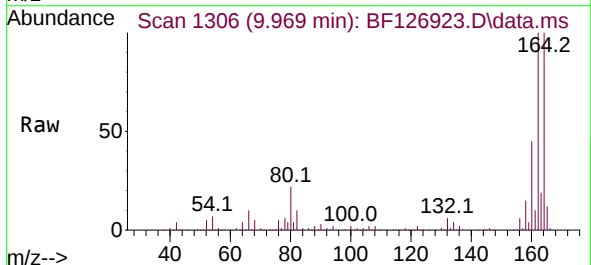
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ClientSampleId :
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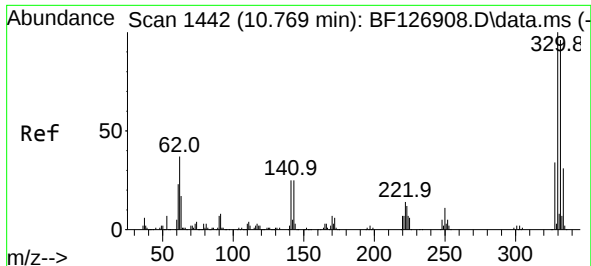
Tgt Ion: 82 Resp: 885487
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

Tgt Ion: 164 Resp: 256150
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 128.657 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF126923.D

Acq: 17 Feb 2022 13:02

Instrument :

BNA_F

ClientSampleId :

PB142646BL

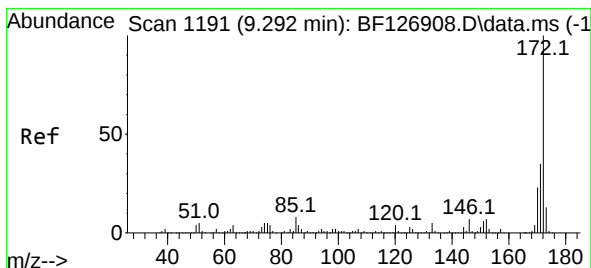
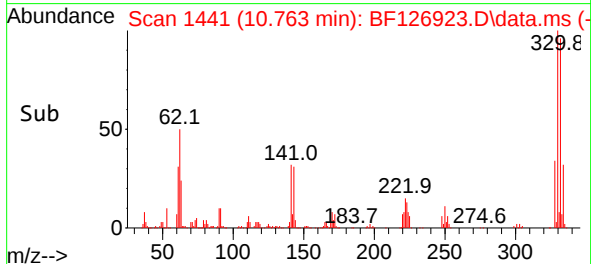
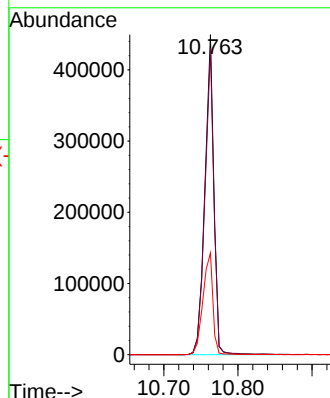
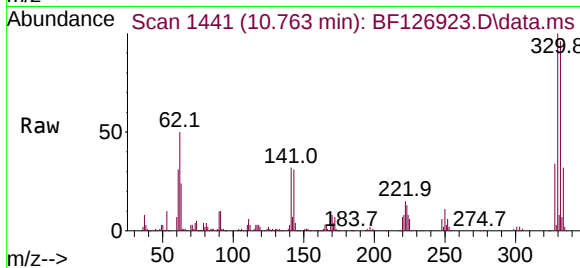
Tgt Ion:330 Resp: 379438

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 35.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 80.709 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF126923.D

Acq: 17 Feb 2022 13:02

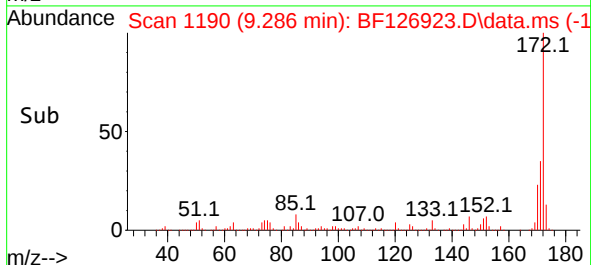
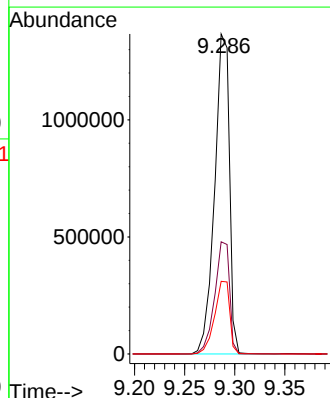
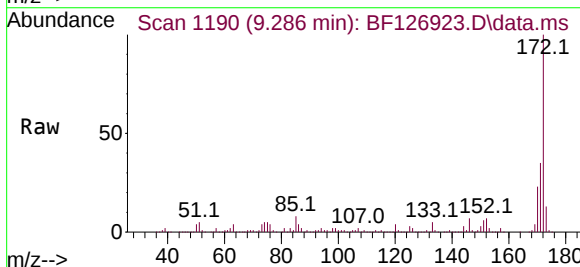
Tgt Ion:172 Resp: 1404309

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 22.7 19.0 28.6

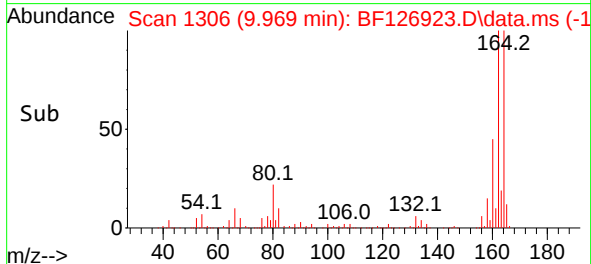
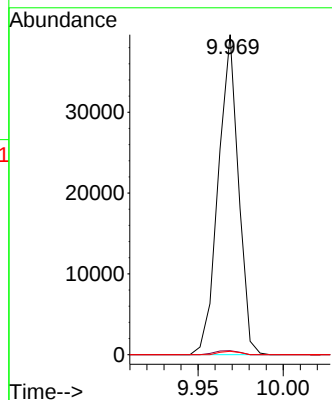
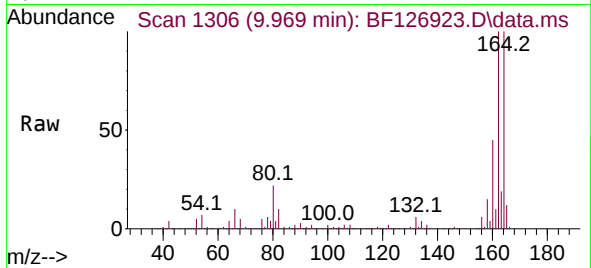




#51
2,6-Dinitrotoluene
Concen: 8.746 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

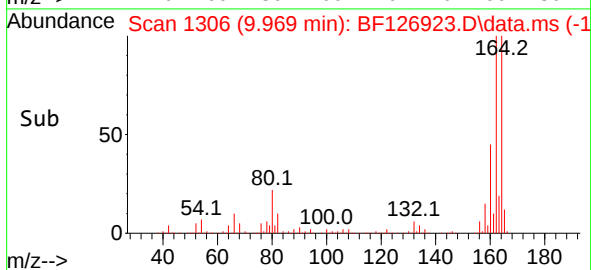
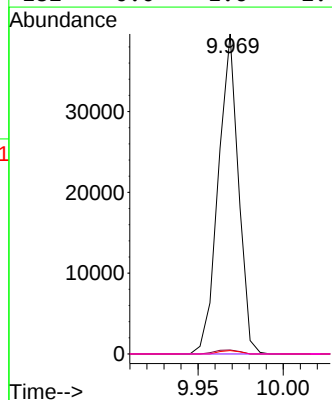
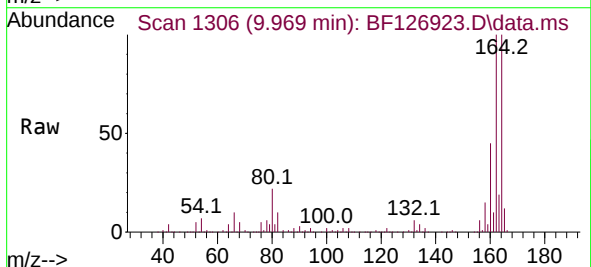
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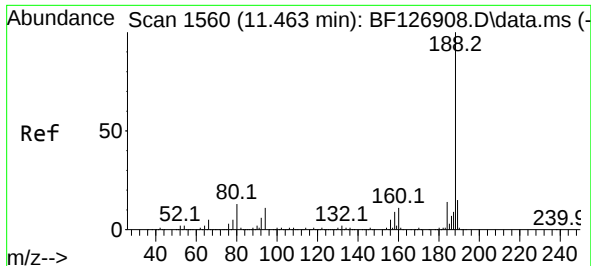
Tgt Ion:165 Resp: 32579
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.1 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.468 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

Tgt Ion:165 Resp: 32579
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#

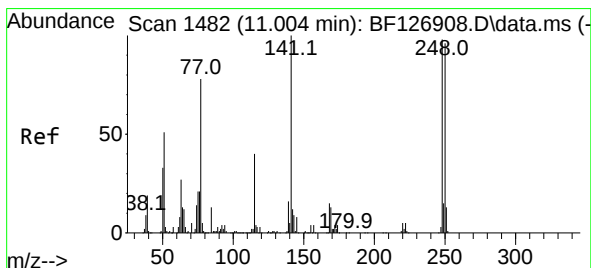
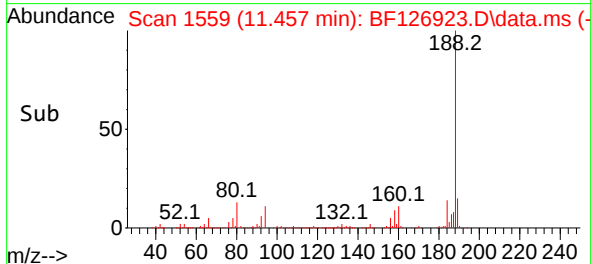
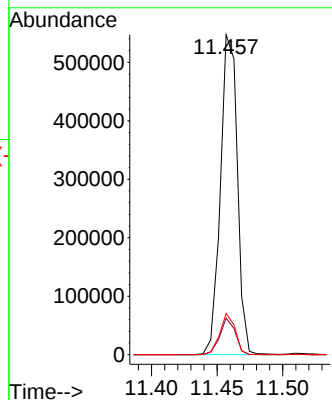
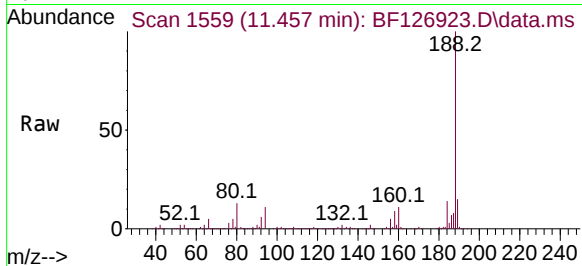




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

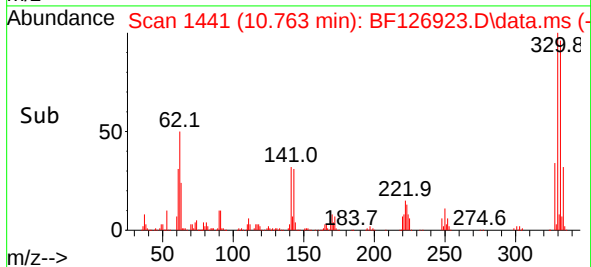
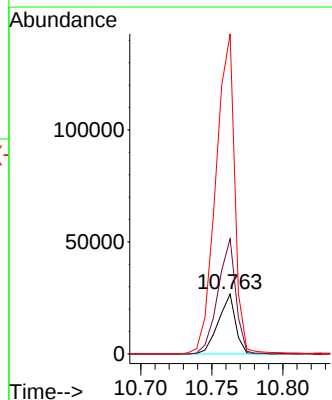
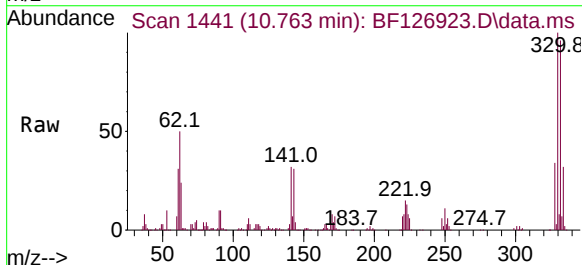
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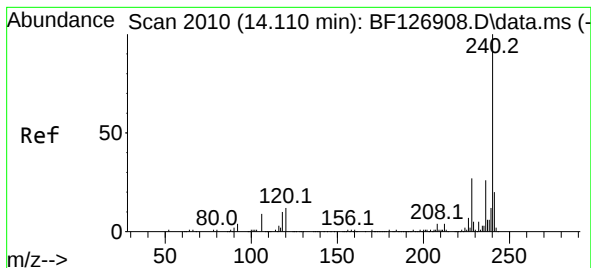
Tgt Ion:188 Resp: 490401
Ion Ratio Lower Upper
188 100
94 11.5 10.1 15.1
80 12.9 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.109 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.241 min
Lab File: BF126923.D
Acq: 17 Feb 2022 13:02

Tgt Ion:248 Resp: 22512
Ion Ratio Lower Upper
248 100
250 192.5 76.2 114.4#
141 534.6 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126923.D

Acq: 17 Feb 2022 13:02

Instrument :

BNA_F

ClientSampleId :

PB142646BL

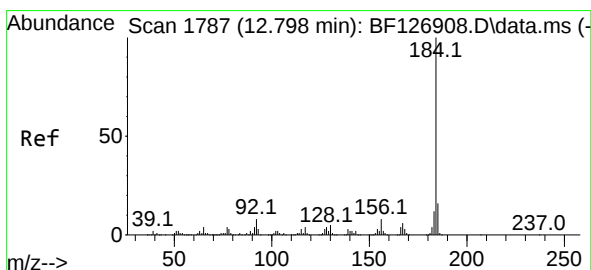
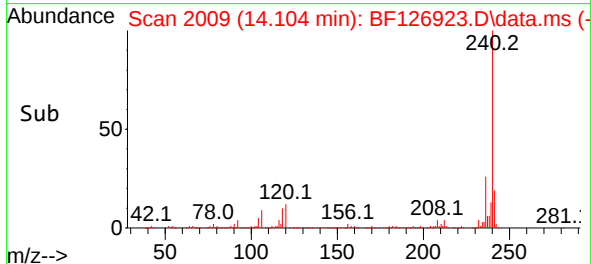
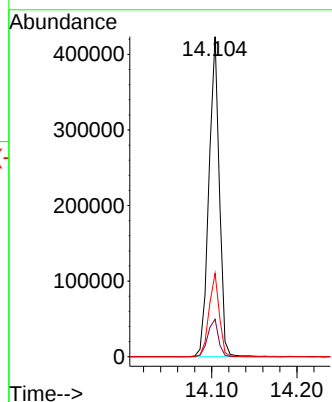
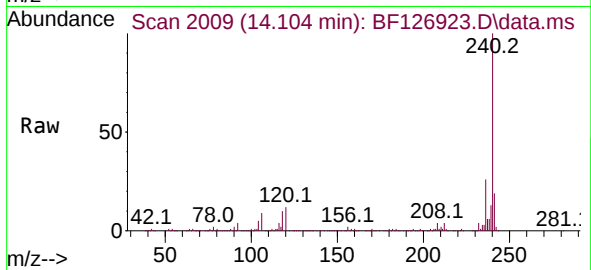
Tgt Ion:240 Resp: 359095

Ion Ratio Lower Upper

240 100

120 11.7 14.4 21.6#

236 26.1 20.5 30.7



#77

Benzidine

Concen: 2.670 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.253 min

Lab File: BF126923.D

Acq: 17 Feb 2022 13:02

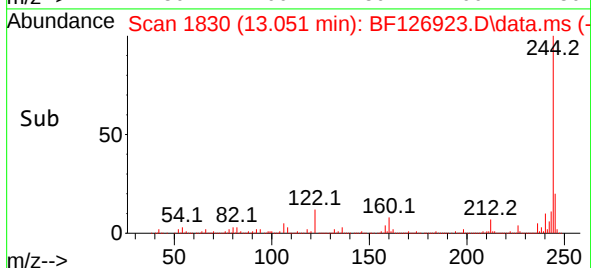
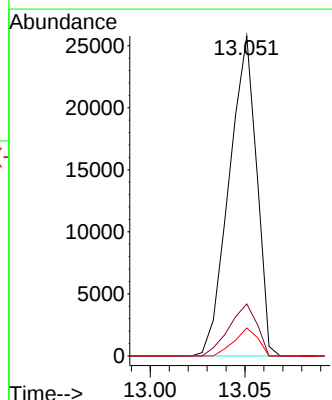
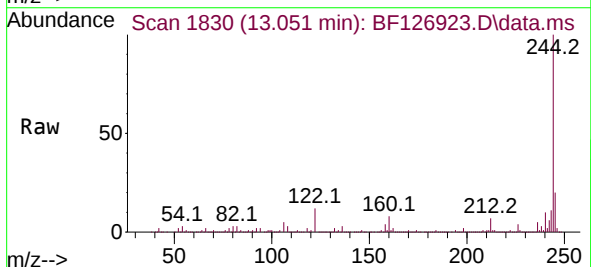
Tgt Ion:184 Resp: 26051

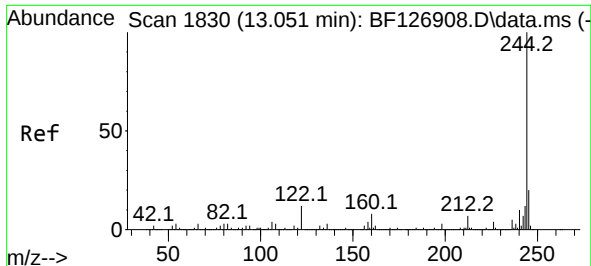
Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.8

183 8.8 8.2 12.2

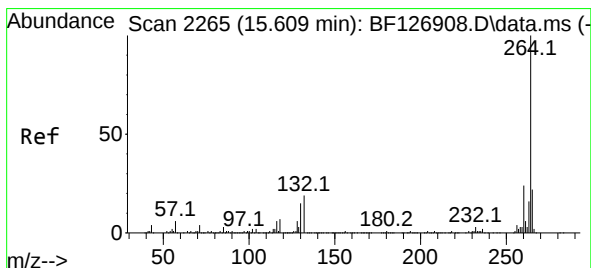
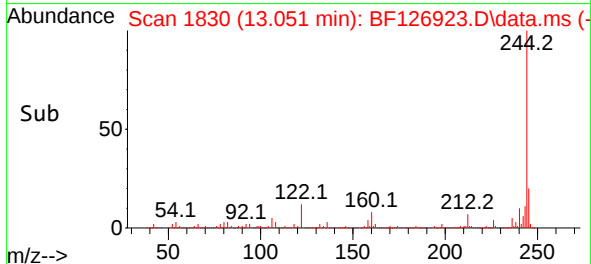
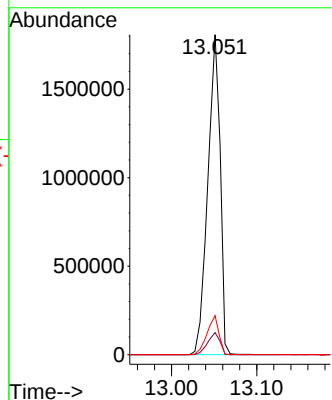
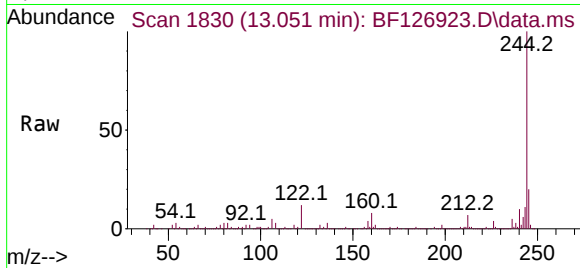




#79
 Terphenyl-d14
 Concen: 74.519 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: BF126923.D
 Acq: 17 Feb 2022 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB142646BL

Tgt Ion:244 Resp: 1820315
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 12.2 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126923.D
 Acq: 17 Feb 2022 13:02

Tgt Ion:264 Resp: 285576
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 21.6 17.4 26.2

