

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135282.D
 Acq On : 15 Sep 2023 16:43
 Operator : CG\JU
 Sample : 04409-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3(0-2)COMP

Quant Time: Sep 15 17:55:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

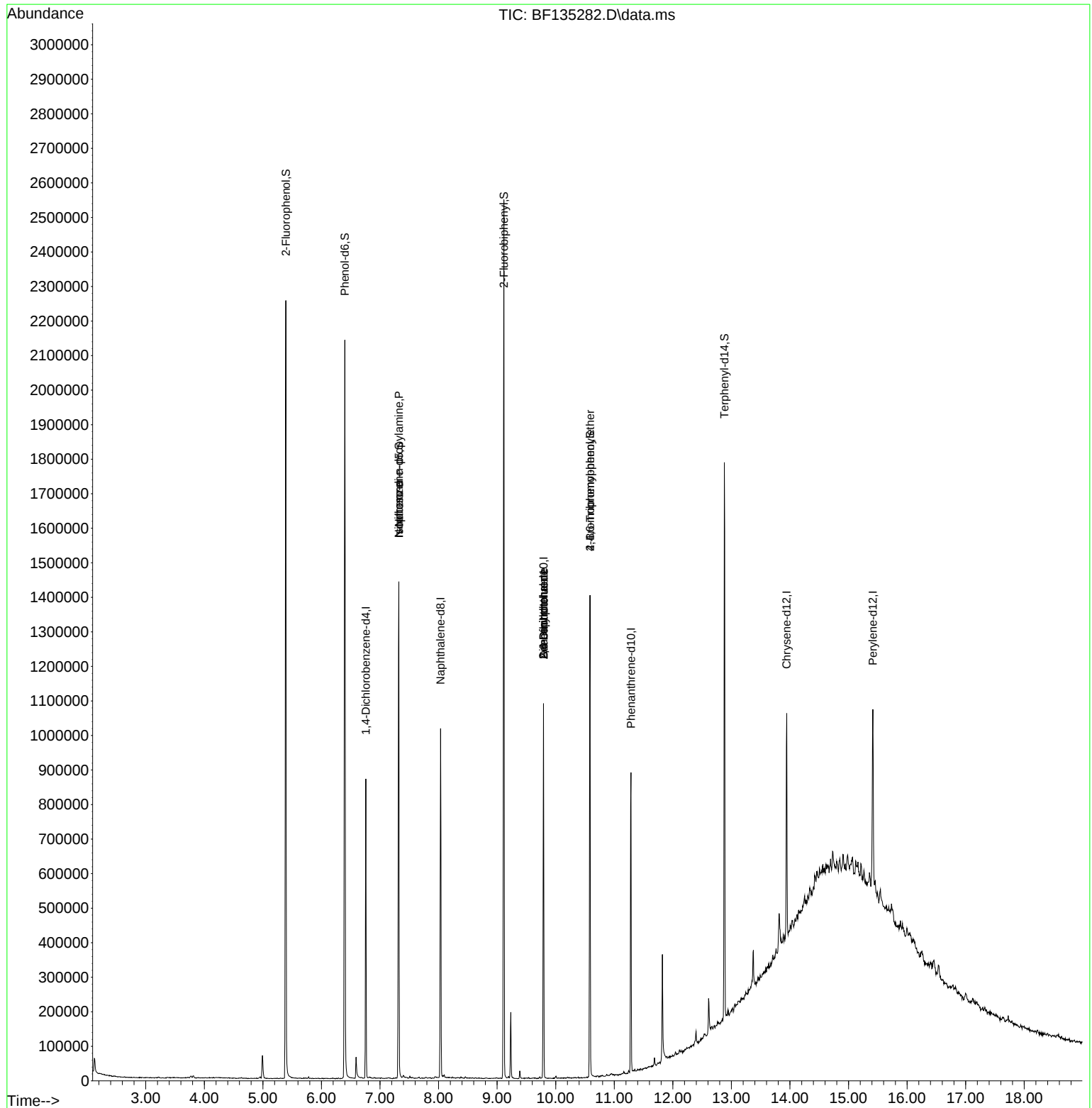
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	112569	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	422923	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	201000	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	323934	20.000	ng	0.00
76) Chrysene-d12	13.945	240	225313	20.000	ng	0.00
86) Perylene-d12	15.415	264	253301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	563324	81.392	ng	0.00
7) Phenol-d6	6.398	99	706027	80.224	ng	0.00
23) Nitrobenzene-d5	7.322	82	440108	56.537	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	158480	79.341	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	766104	57.504	ng	-0.01
79) Terphenyl-d14	12.880	244	583277	40.130	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	61220	11.231	ng	# 76
25) Isophorone	7.322	82	440100	30.789	ng	# 65
50) Dimethylphthalate	9.792	163	40332	2.968	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	24936	8.376	ng	# 16
57) 2,4-Dinitrotoluene	9.792	165	24936	6.691	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	10068	3.125	ng	# 1

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

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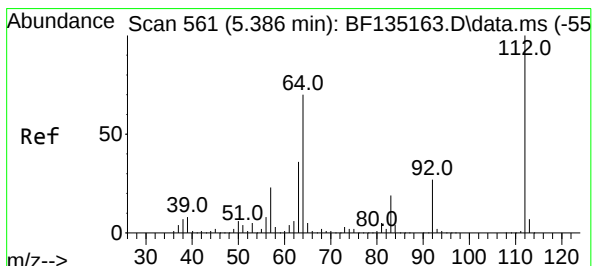
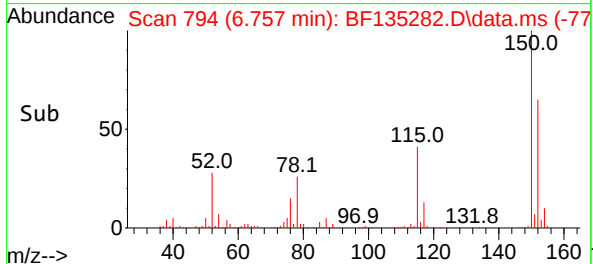
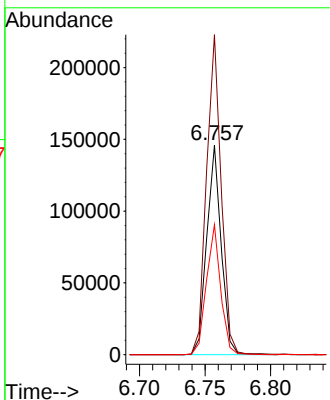
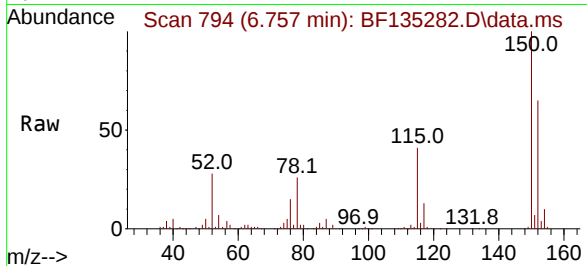




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

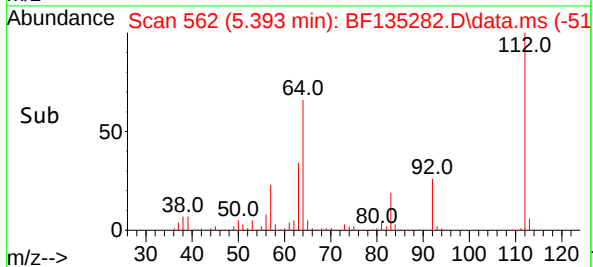
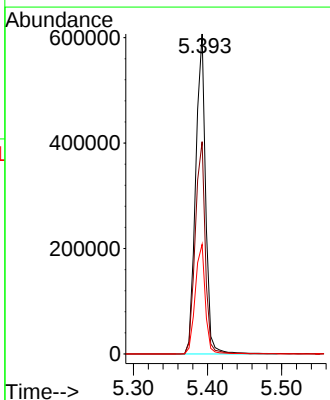
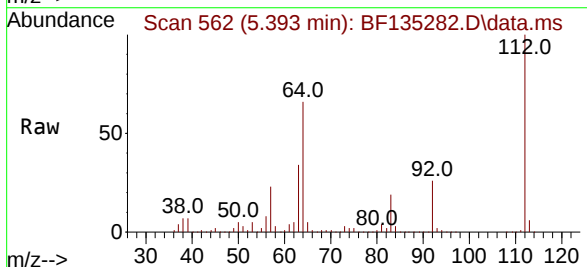
Instrument :
BNA_F
ClientSampleId :
WC-3(0-2)COMP

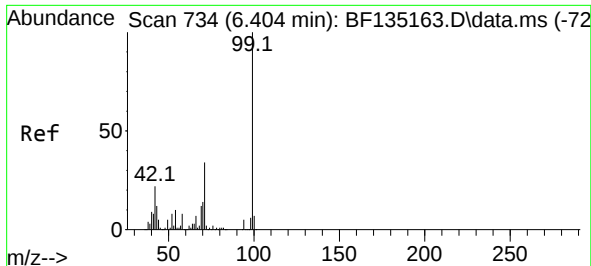
Tgt Ion:152 Resp: 112569
Ion Ratio Lower Upper
152 100
150 152.7 127.8 191.6
115 62.0 49.8 74.8



#5
2-Fluorophenol
Concen: 81.392 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

Tgt Ion:112 Resp: 563324
Ion Ratio Lower Upper
112 100
64 66.3 55.9 83.9
63 34.3 29.0 43.6

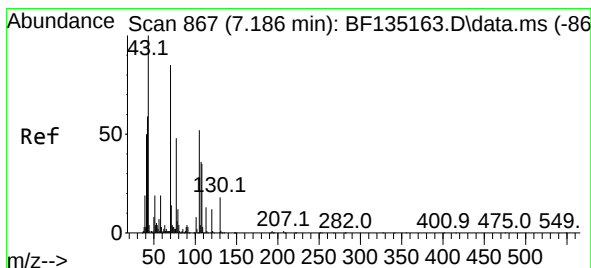
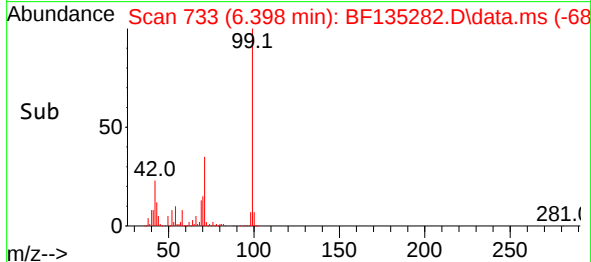
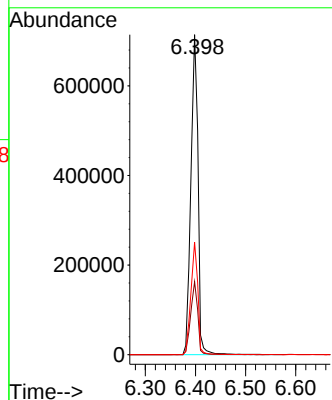
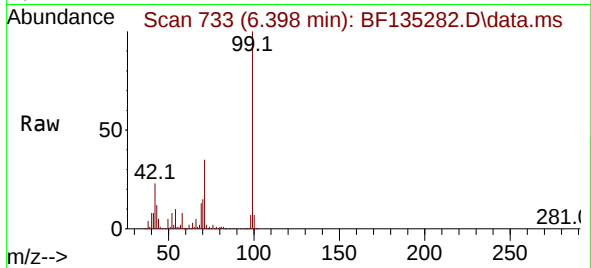




#7
Phenol-d6
Concen: 80.224 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

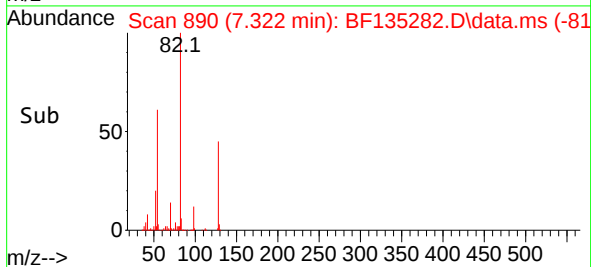
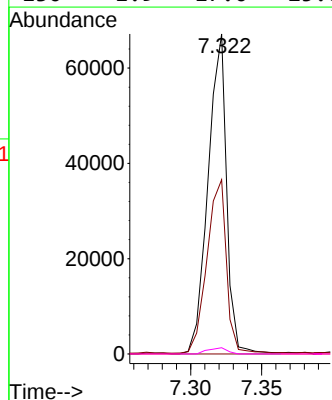
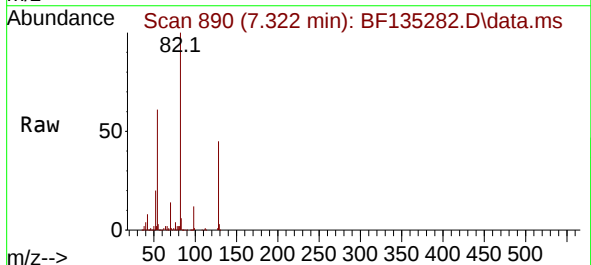
Instrument :
BNA_F
ClientSampleId :
WC-3(0-2)COMP

Tgt Ion: 99 Resp: 706027
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 35.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.231 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

Tgt Ion: 70 Resp: 61220
Ion Ratio Lower Upper
70 100
42 54.5 55.4 83.0#
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#

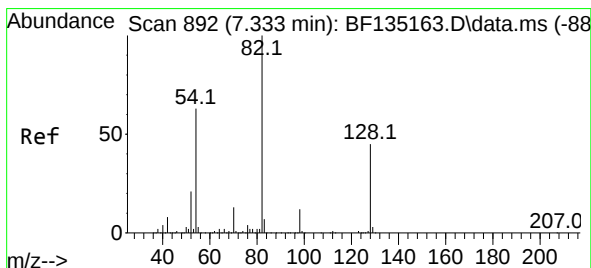
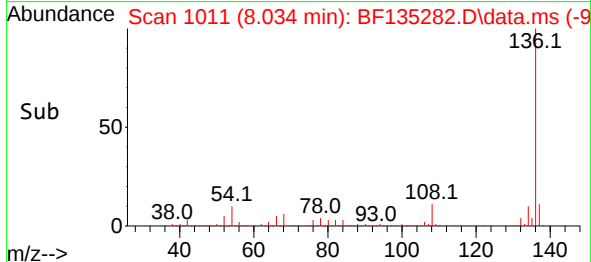
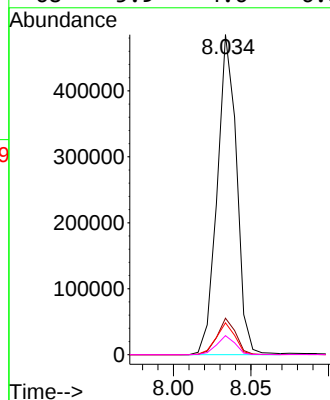
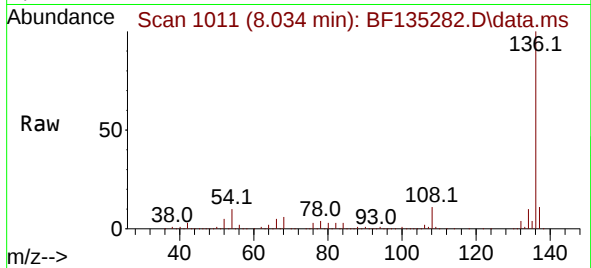




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

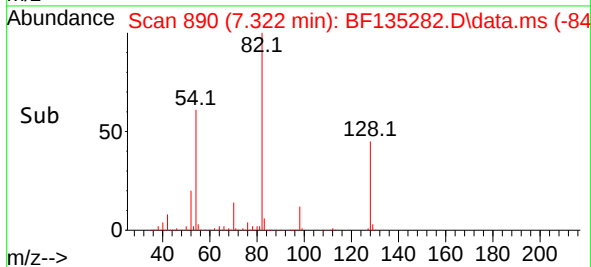
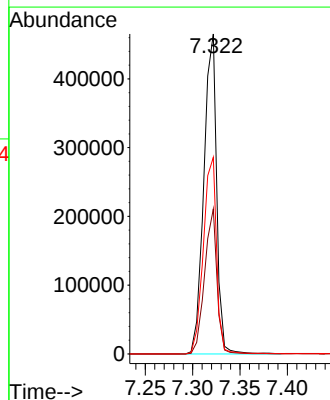
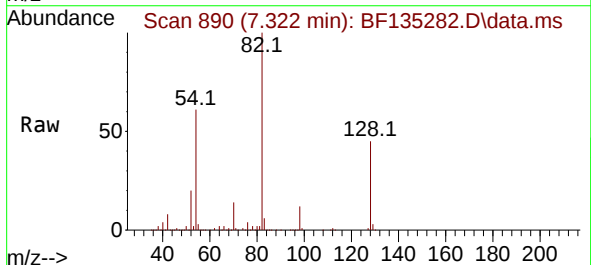
Instrument :
BNA_F
ClientSampleId :
WC-3(0-2)COMP

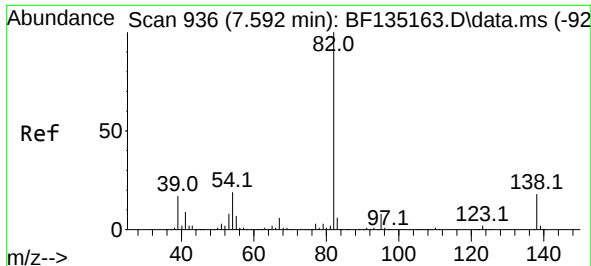
Tgt Ion:136	Resp: 422923
Ion Ratio	Lower Upper
136 100	
137 11.4	8.8 13.2
54 10.0	7.7 11.5
68 5.9	4.6 6.8



#23
Nitrobenzene-d5
Concen: 56.537 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

Tgt Ion: 82	Resp: 440108
Ion Ratio	Lower Upper
82 100	
128 45.3	35.8 53.6
54 61.4	50.6 76.0





#25

Isophorone

Concen: 30.789 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.270 min

Lab File: BF135282.D

Acq: 15 Sep 2023 16:43

Instrument :

BNA_F

ClientSampleId :

WC-3(0-2)COMP

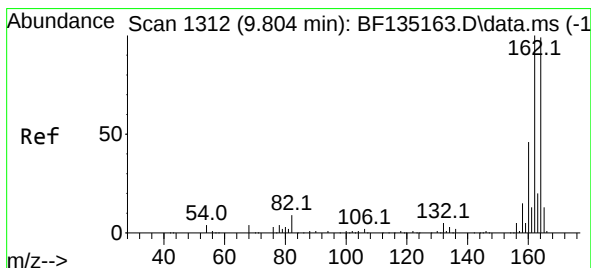
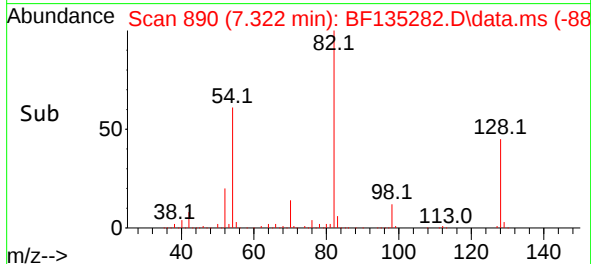
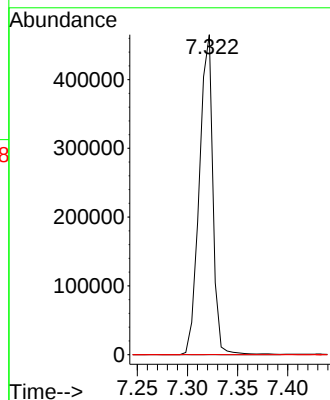
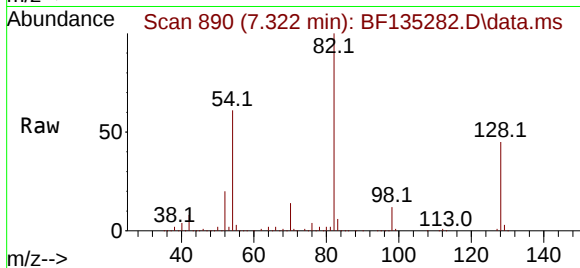
Tgt Ion: 82 Resp: 440100

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135282.D

Acq: 15 Sep 2023 16:43

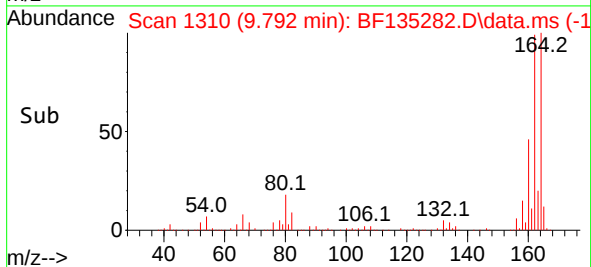
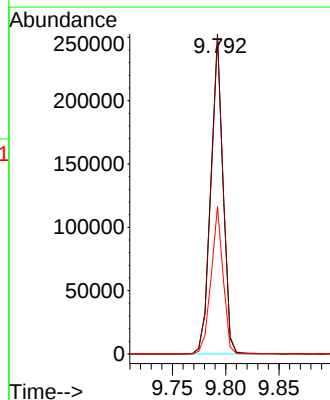
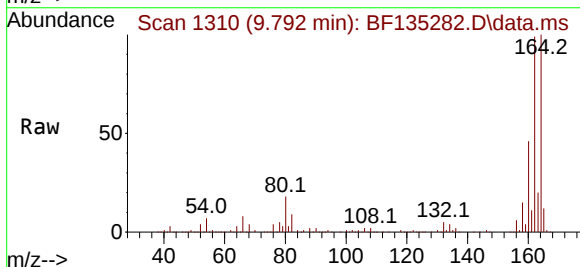
Tgt Ion:164 Resp: 201000

Ion Ratio Lower Upper

164 100

162 98.9 81.0 121.4

160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 79.341 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135282.D

Acq: 15 Sep 2023 16:43

Instrument :

BNA_F

ClientSampleId :

WC-3(0-2)COMP

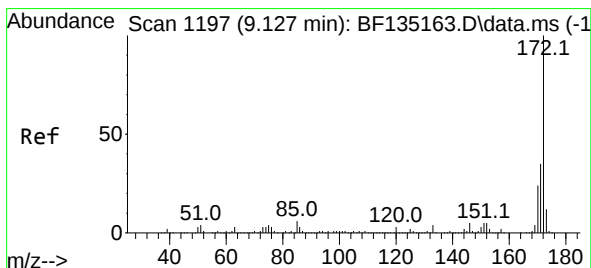
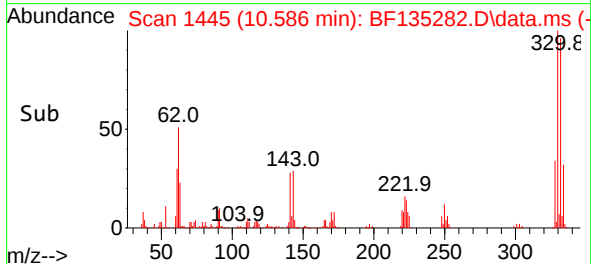
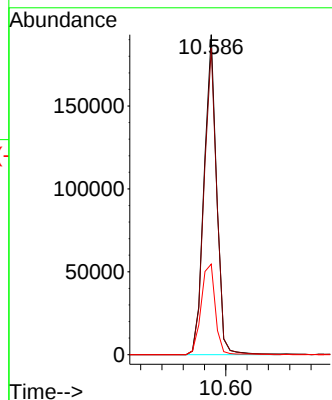
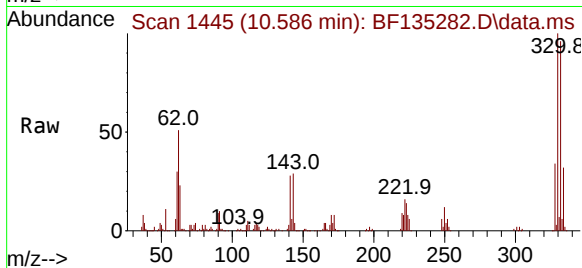
Tgt Ion:330 Resp: 158480

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 32.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 57.504 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135282.D

Acq: 15 Sep 2023 16:43

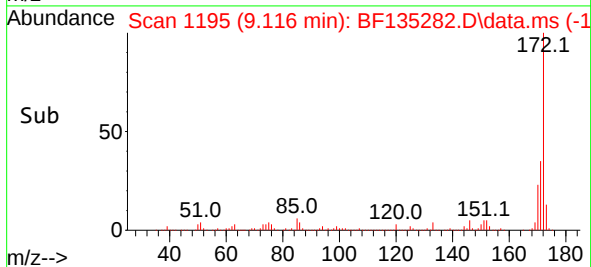
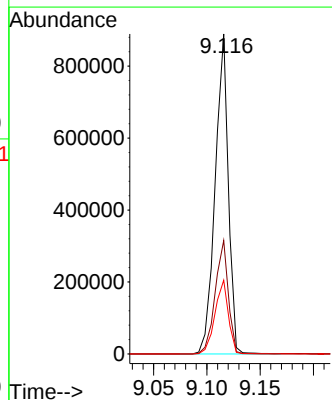
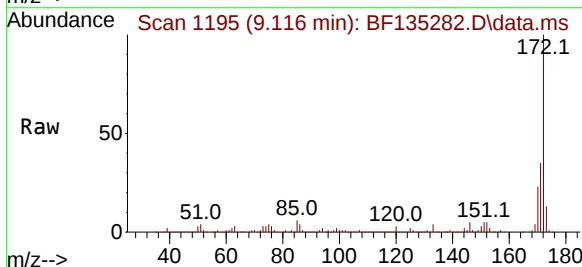
Tgt Ion:172 Resp: 766104

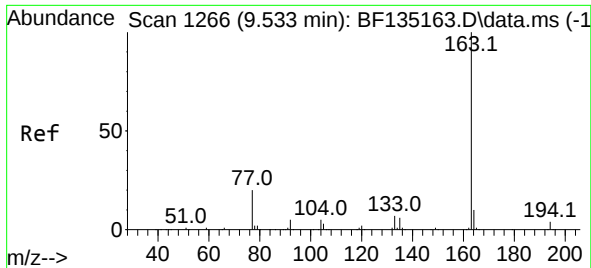
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.1 19.0 28.4

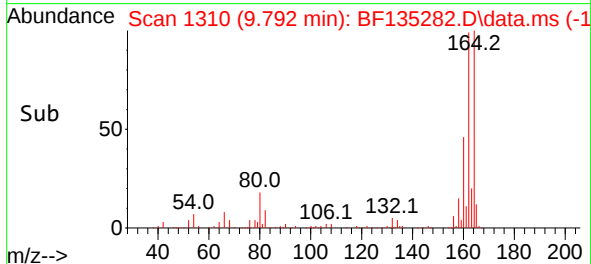
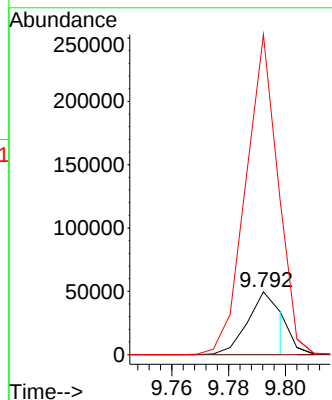
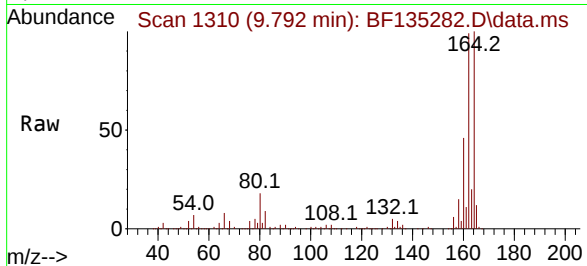




#50
Dimethylphthalate
Concen: 2.968 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

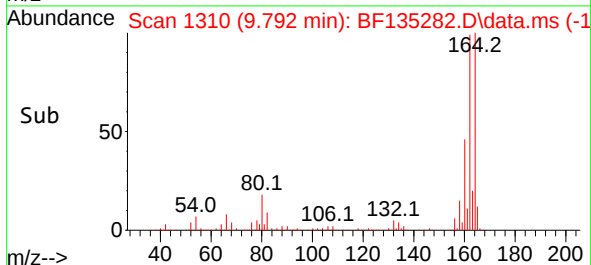
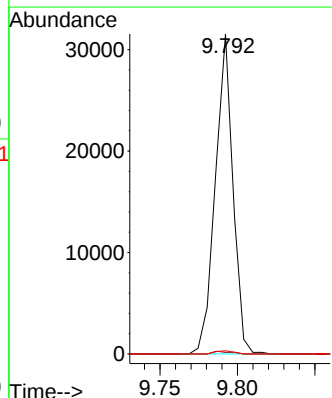
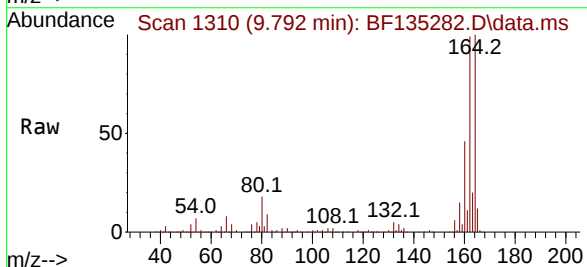
Instrument :
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WC-3(0-2)COMP

Tgt Ion:163 Resp: 40332
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 509.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.376 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

Tgt Ion:165 Resp: 24936
Ion Ratio Lower Upper
165 100
63 0.5 59.4 89.2#
89 1.0 49.8 74.8#

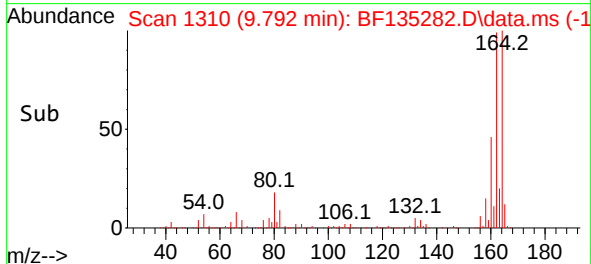
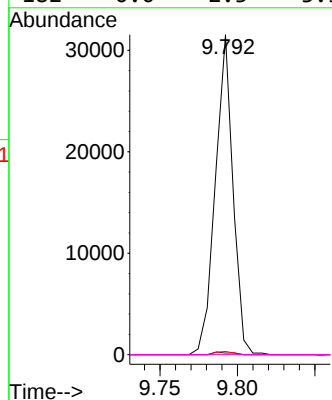
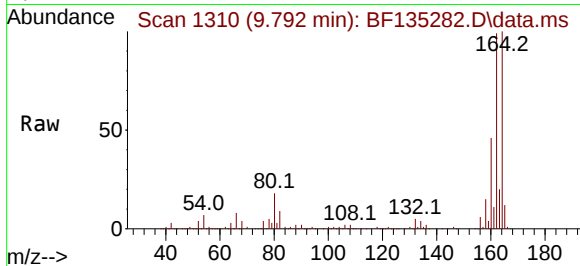




#57
2,4-Dinitrotoluene
Concen: 6.691 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

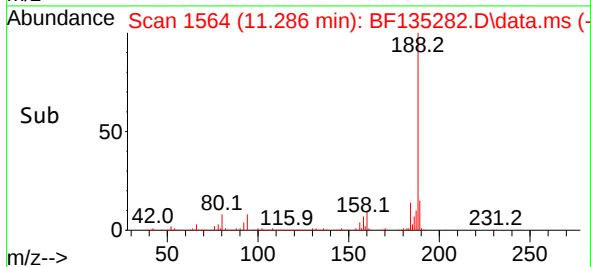
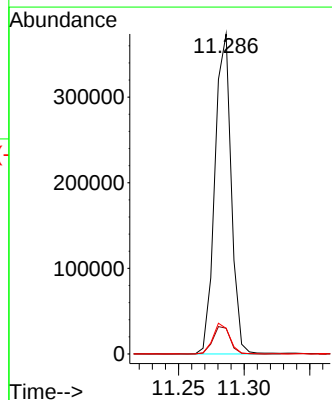
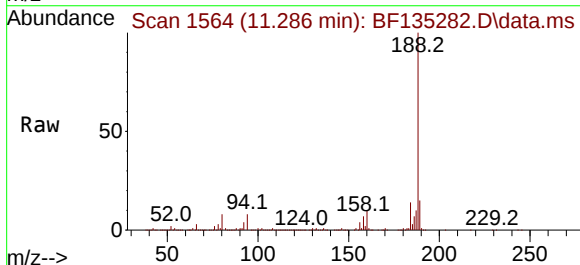
Instrument :
BNA_F
ClientSampleId :
WC-3(0-2)COMP

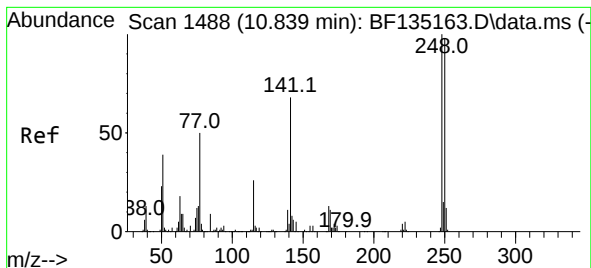
Tgt Ion:165	Resp:	24936
Ion Ratio	Lower	Upper
165	100	
63	0.5	50.1 75.1#
89	1.0	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

Tgt Ion:188	Resp:	323934
Ion Ratio	Lower	Upper
188	100	
94	8.0	7.0 10.6
80	8.0	7.5 11.3

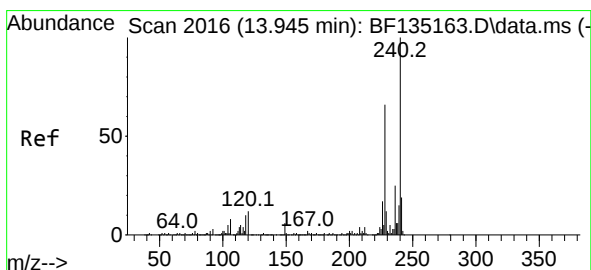
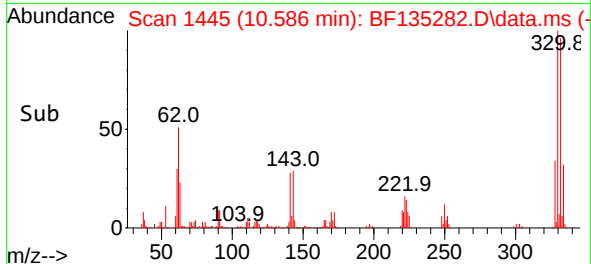
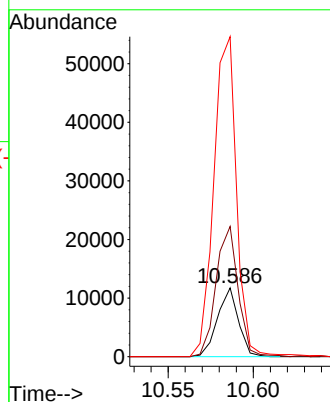
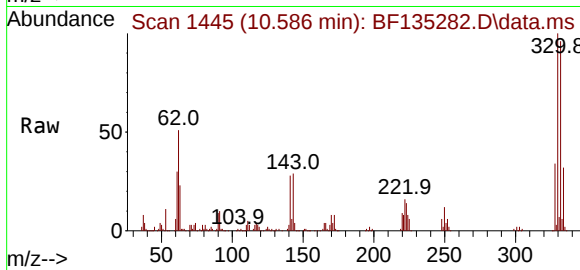




#67
4-Bromophenyl-phenylether
Concen: 3.125 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

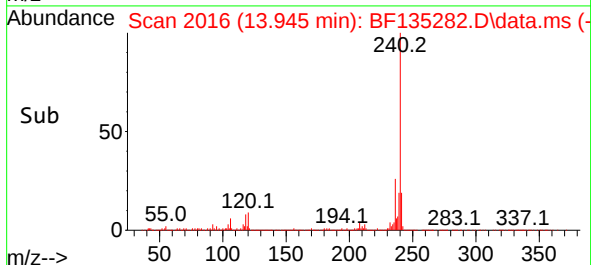
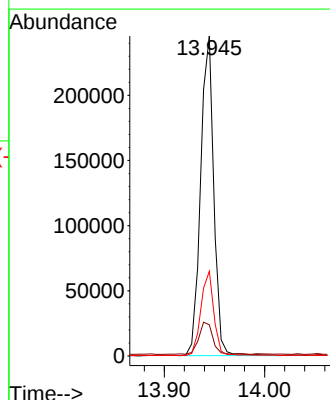
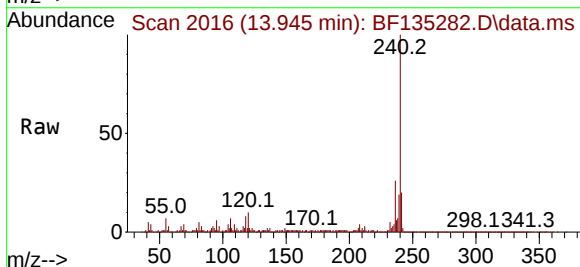
Instrument :
BNA_F
ClientSampleId :
WC-3(0-2)COMP

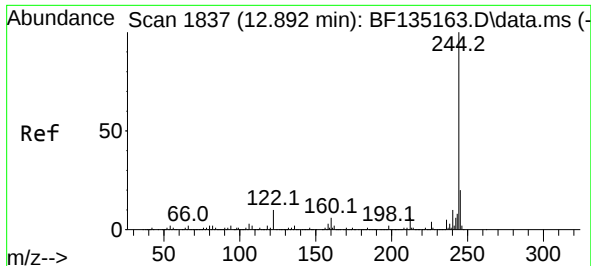
Tgt Ion:248 Resp: 10068
Ion Ratio Lower Upper
248 100
250 189.1 78.6 117.8#
141 464.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135282.D
Acq: 15 Sep 2023 16:43

Tgt Ion:240 Resp: 225313
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.2
236 26.5 19.8 29.8

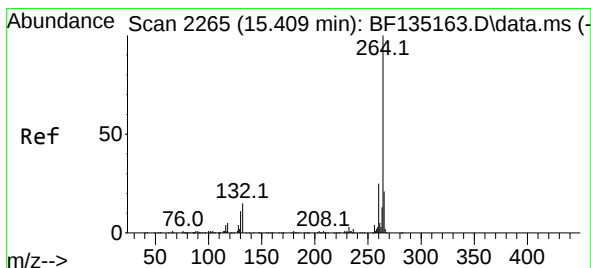
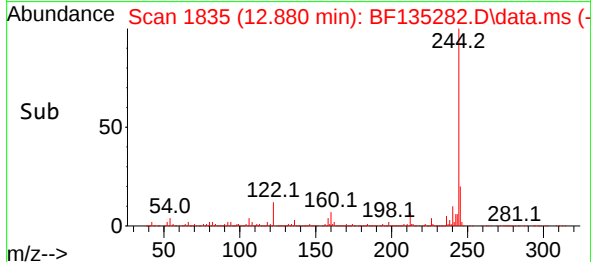
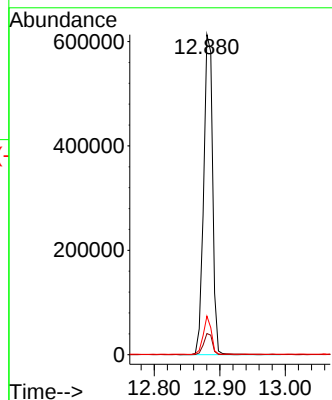
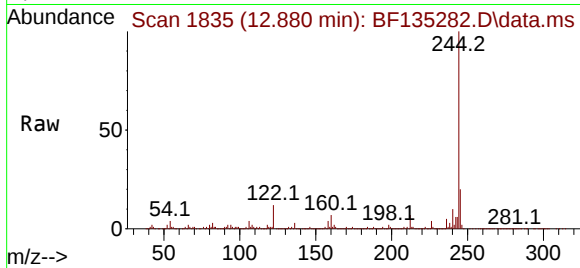




#79
 Terphenyl-d14
 Concen: 40.130 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135282.D
 Acq: 15 Sep 2023 16:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-3(0-2)COMP

Tgt Ion:244 Resp: 583277
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.0 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF135282.D
 Acq: 15 Sep 2023 16:43

Tgt Ion:264 Resp: 253301
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 20.8 17.0 25.4

