

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139559.D
 Acq On : 26 Sep 2024 21:24
 Operator : RC/JU
 Sample : P4190-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-T

Quant Time: Sep 27 01:08:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

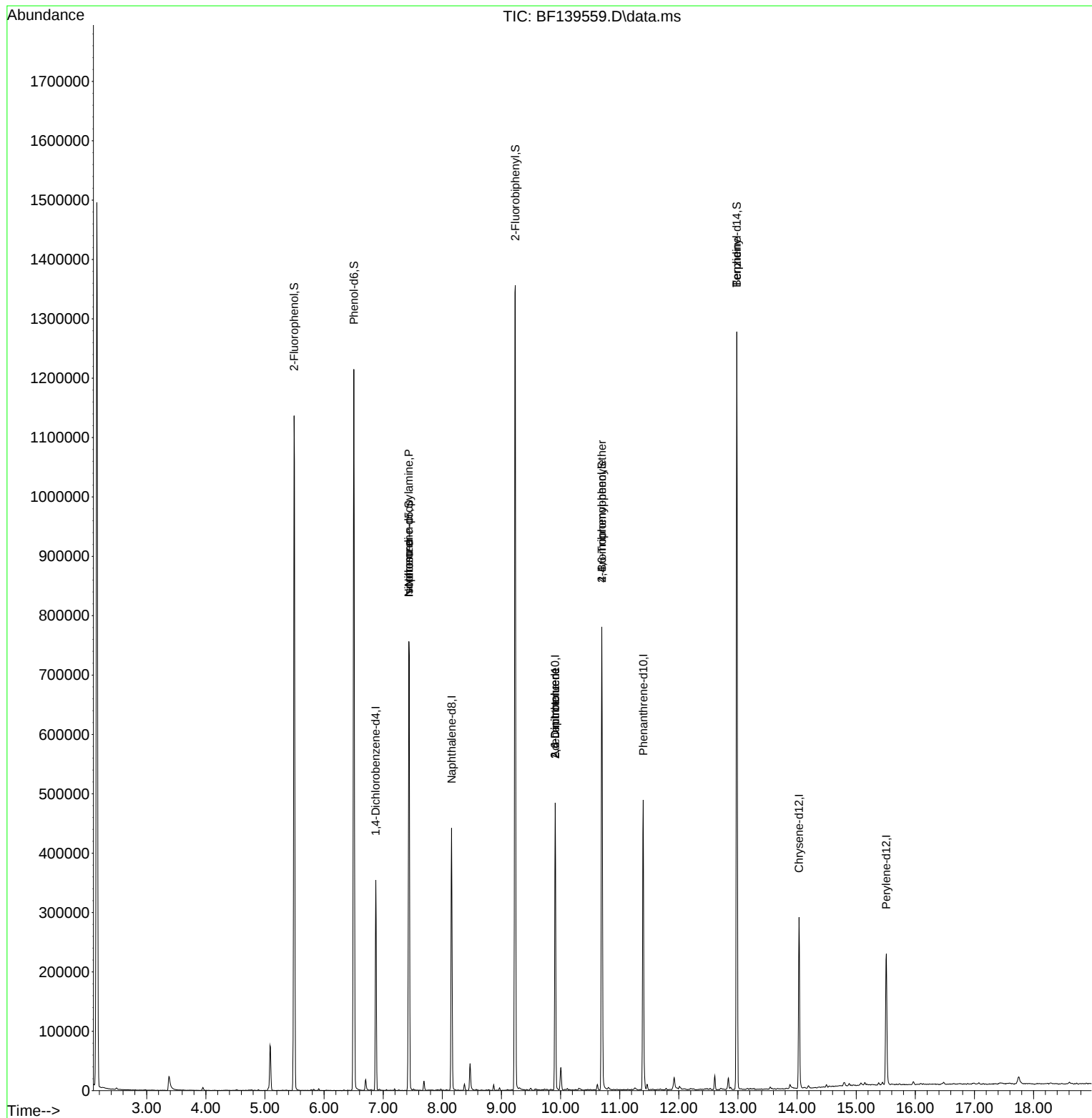
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	68787	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	256464	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	140130	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	256600	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	134951	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	134706	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	381275	90.423	ng	0.00
7) Phenol-d6	6.504	99	515831	93.202	ng	0.00
23) Nitrobenzene-d5	7.434	82	324262	59.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	117350	78.661	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	606972	60.750	ng	0.00
79) Terphenyl-d14	12.980	244	601530	73.163	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	44573	13.591	ng	# 74
25) Isophorone	7.434	82	324259	37.584	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	17416	8.548	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	17416	6.331	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	8133	3.198	ng	# 1
77) Benzidine	12.980	184	7599	3.930	ng	# 89

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

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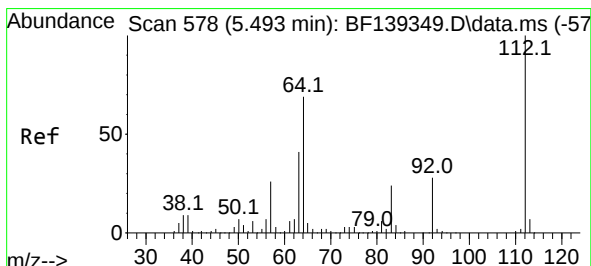
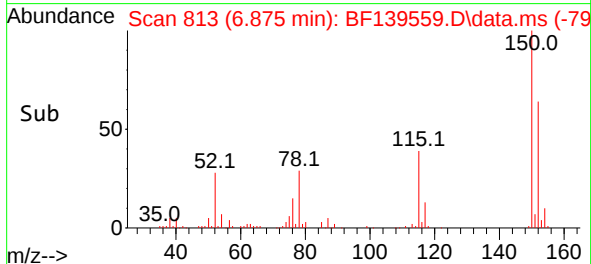
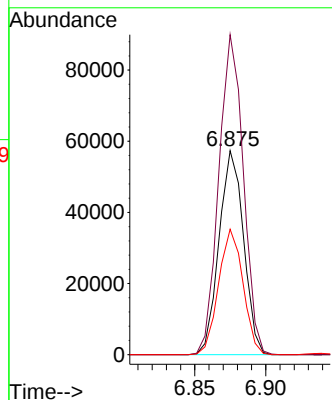
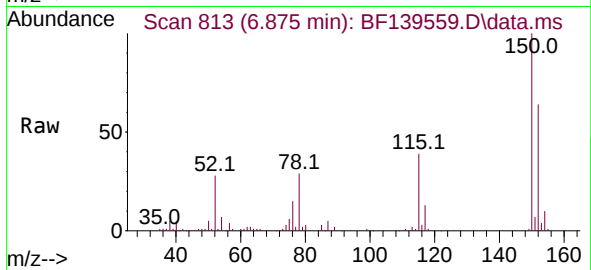




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

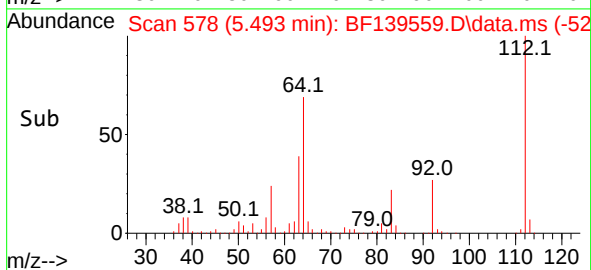
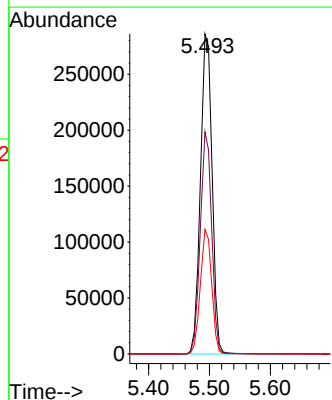
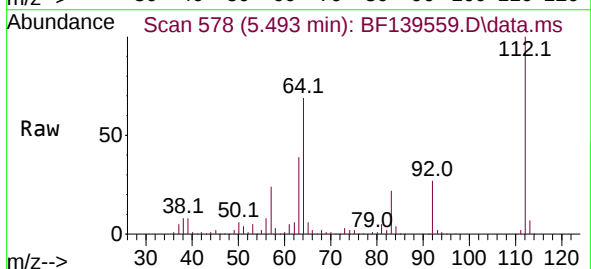
Instrument :
BNA_F
ClientSampleId :
TP-T

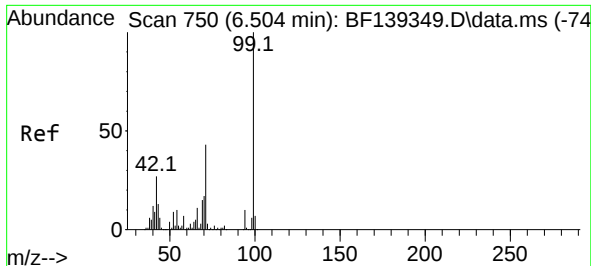
Tgt Ion:152 Resp: 68787
Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 61.5 48.1 72.1



#5
2-Fluorophenol
Concen: 90.423 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

Tgt Ion:112 Resp: 381275
Ion Ratio Lower Upper
112 100
64 69.3 54.8 82.2
63 38.9 33.0 49.4

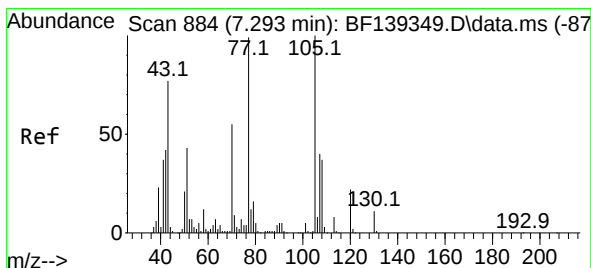
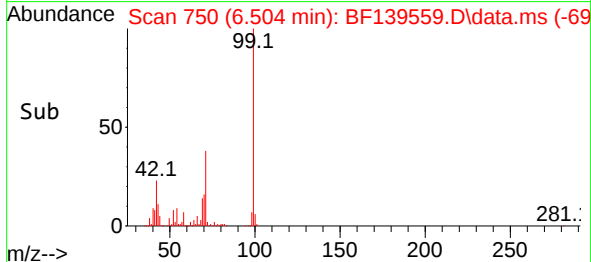
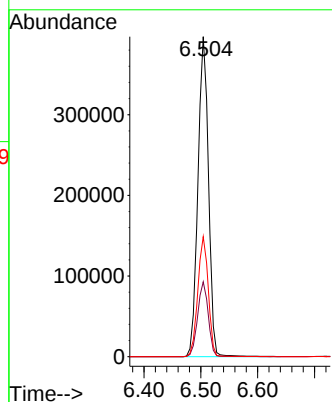
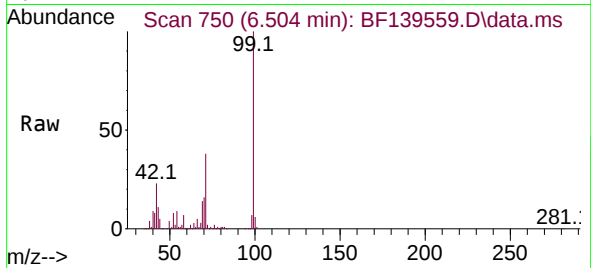




#7
Phenol-d6
Concen: 93.202 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

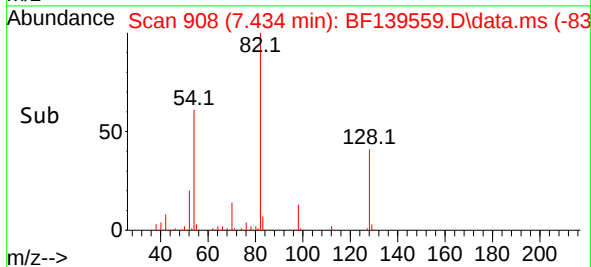
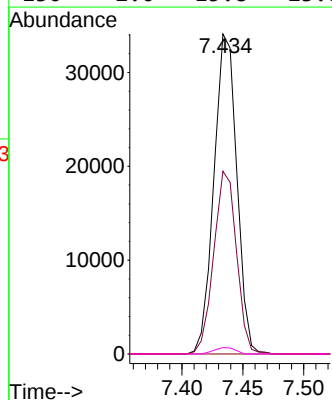
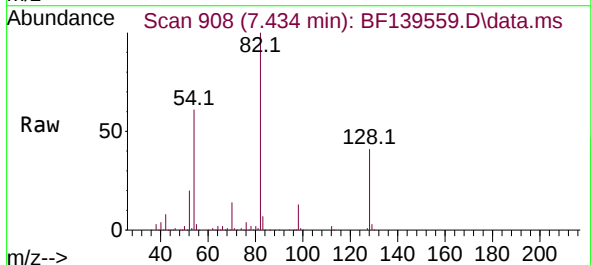
Instrument :
BNA_F
ClientSampleId :
TP-T

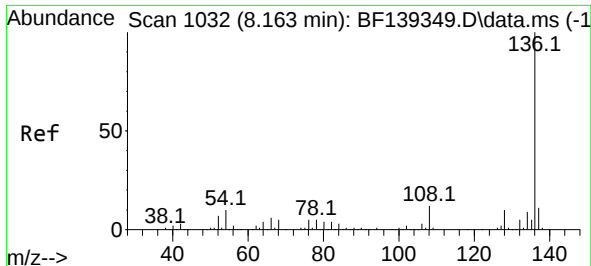
Tgt Ion: 99 Resp: 515831
Ion Ratio Lower Upper
99 100
42 23.4 21.9 32.9
71 37.5 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.591 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

Tgt Ion: 70 Resp: 44573
Ion Ratio Lower Upper
70 100
42 57.1 61.2 91.8#
101 0.0 7.5 11.3#
130 2.0 15.8 23.8#

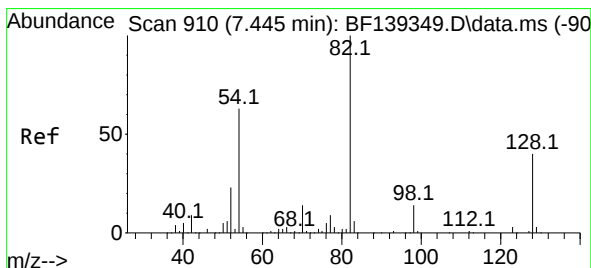
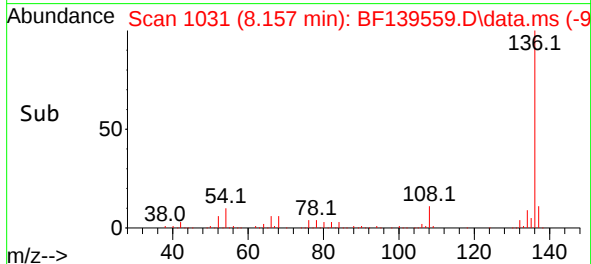
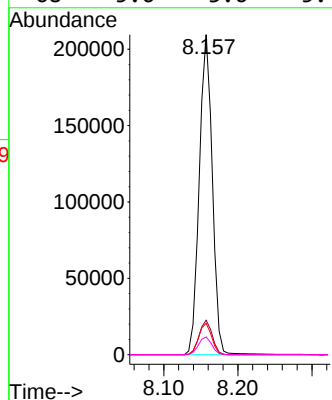
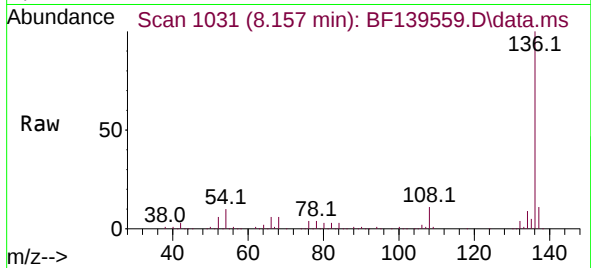




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

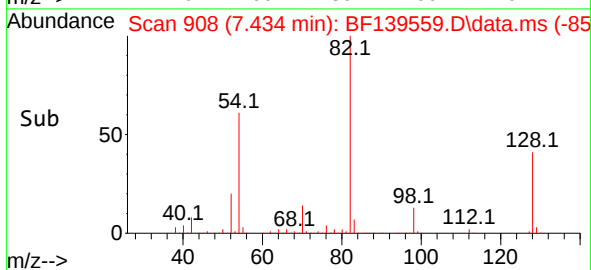
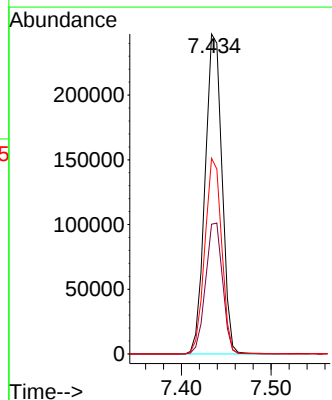
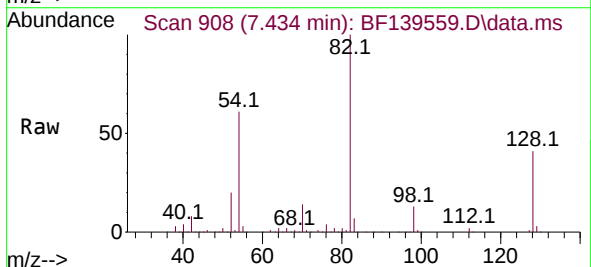
Instrument :
BNA_F
ClientSampleId :
TP-T

Tgt Ion:	136	Resp:	256464
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.8	7.8	11.8
68	5.6	3.6	5.4



#23
Nitrobenzene-d5
Concen: 59.439 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

Tgt Ion:	82	Resp:	324262
Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.8	47.6
54	61.2	50.6	75.8

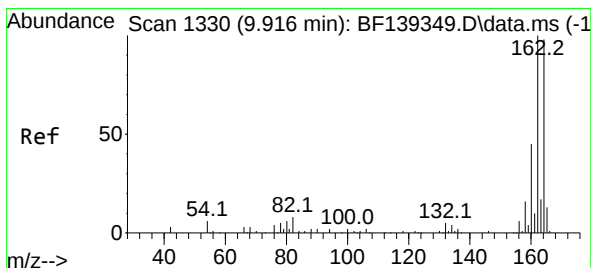
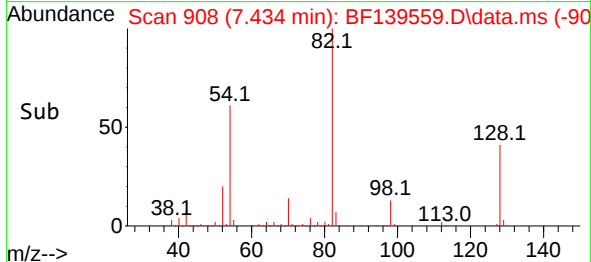
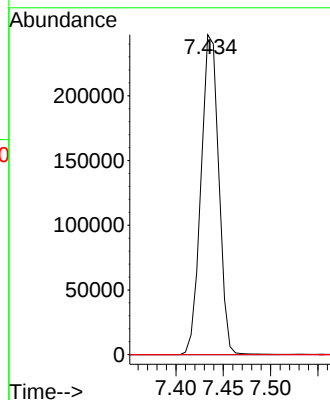
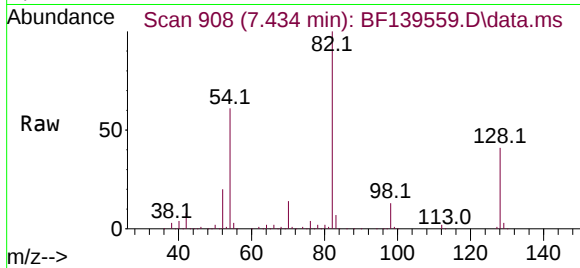




#25
Isophorone
Concen: 37.584 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

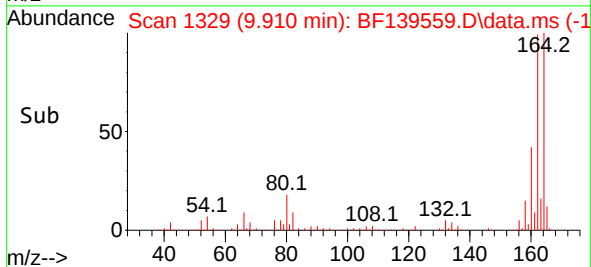
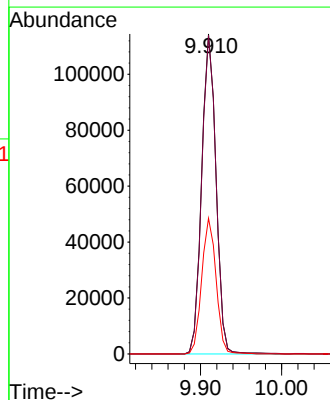
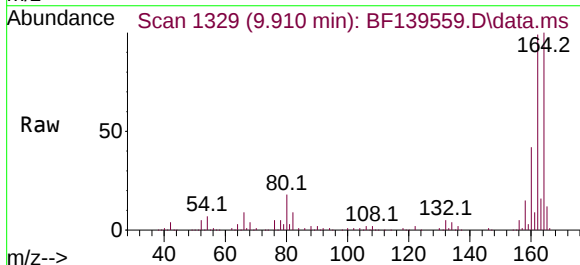
Instrument :
BNA_F
ClientSampleId :
TP-T

Tgt Ion: 82 Resp: 324259
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

Tgt Ion:164 Resp: 140130
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 42.4 36.4 54.6

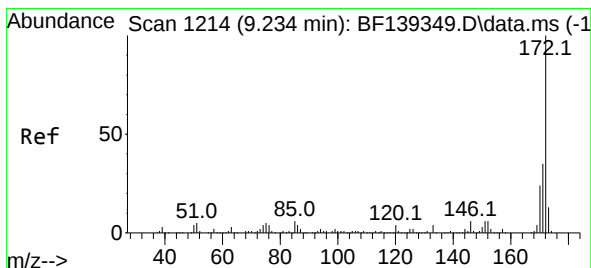
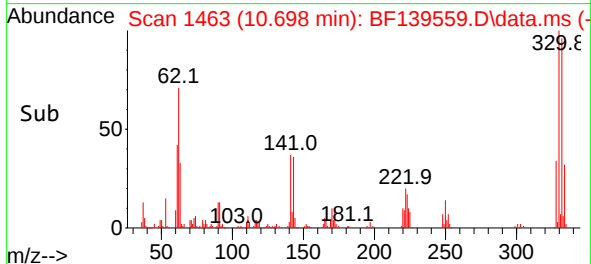
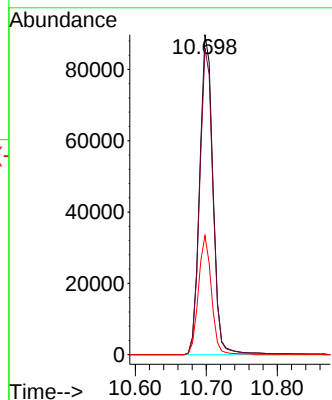
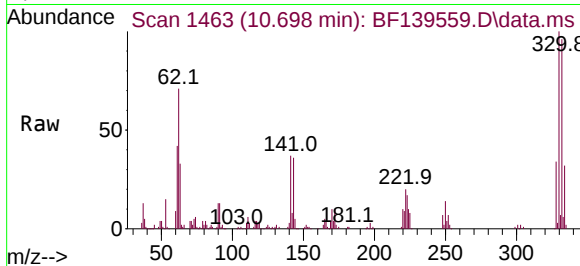




#42
2,4,6-Tribromophenol
Concen: 78.661 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

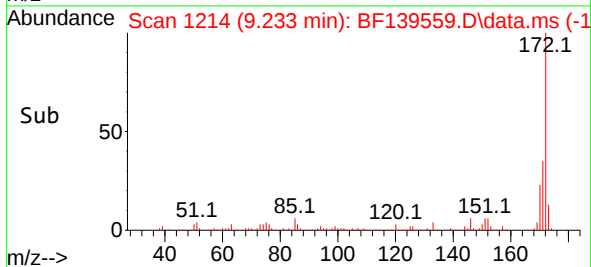
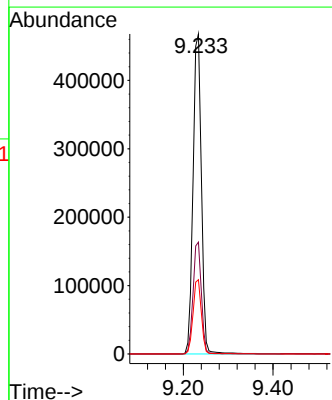
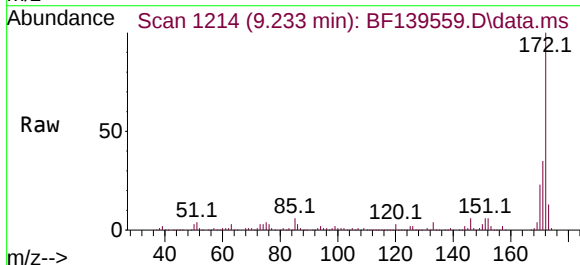
Instrument :
BNA_F
ClientSampleId :
TP-T

Tgt Ion:330 Resp: 117350
Ion Ratio Lower Upper
330 100
332 95.8 75.2 112.8
141 36.2 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 60.750 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

Tgt Ion:172 Resp: 606972
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.2 19.0 28.6

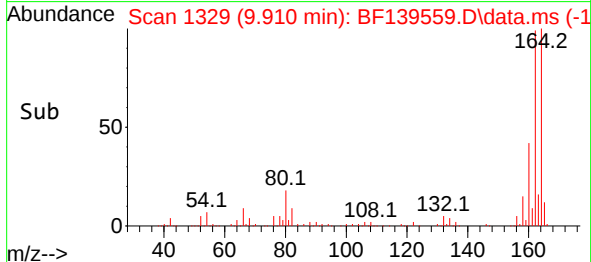
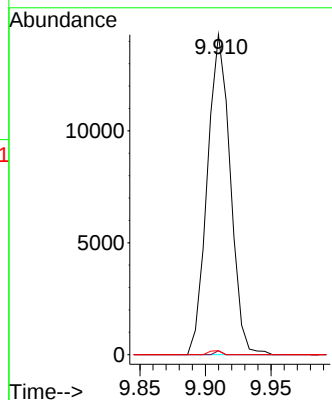
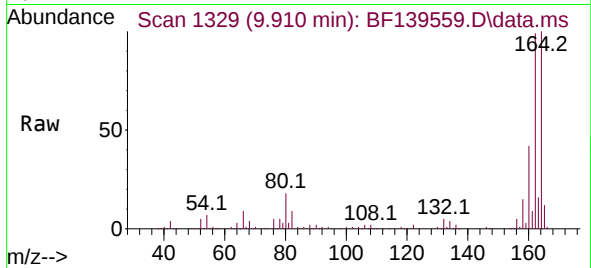




#51
2,6-Dinitrotoluene
Concen: 8.548 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

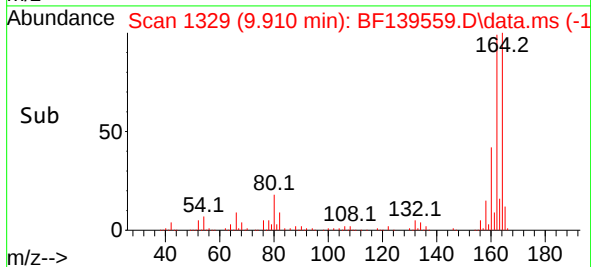
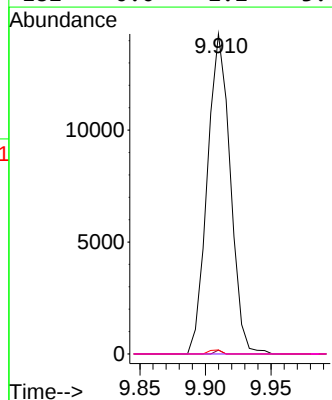
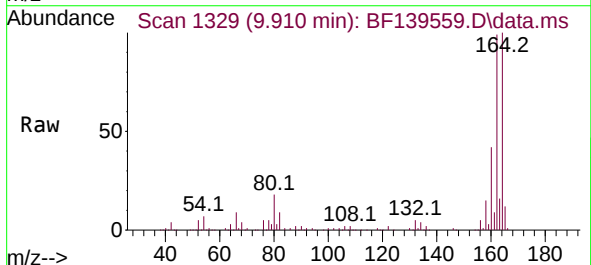
Instrument :
BNA_F
ClientSampleId :
TP-T

Tgt Ion:165 Resp: 17416
Ion Ratio Lower Upper
165 100
63 1.2 60.9 91.3#
89 1.3 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.331 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

Tgt Ion:165 Resp: 17416
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.6#
89 1.3 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139559.D

Acq: 26 Sep 2024 21:24

Instrument :

BNA_F

ClientSampleId :

TP-T

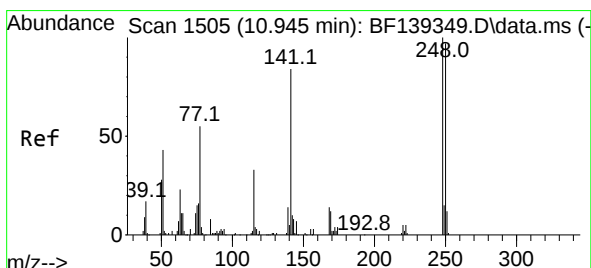
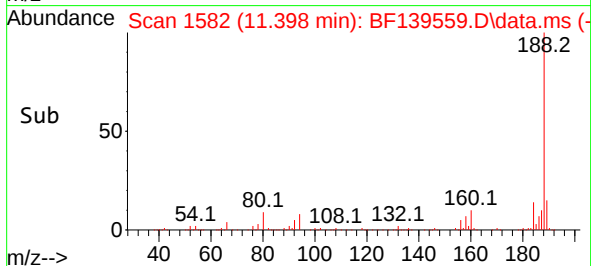
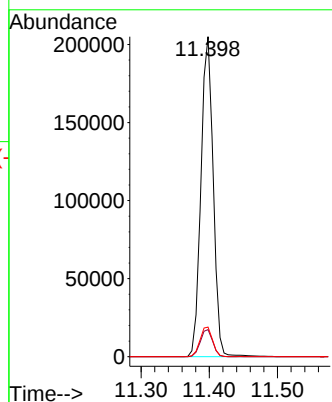
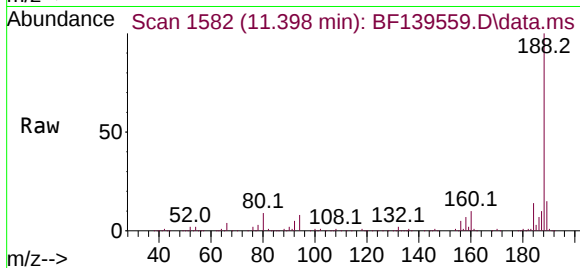
Tgt Ion:188 Resp: 256600

Ion Ratio Lower Upper

188 100

94 8.5 5.5 8.3#

80 9.2 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 3.198 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139559.D

Acq: 26 Sep 2024 21:24

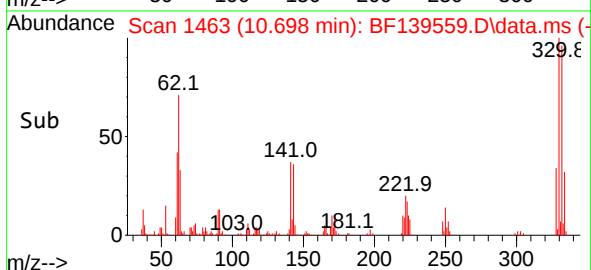
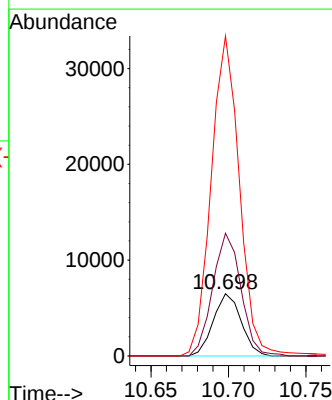
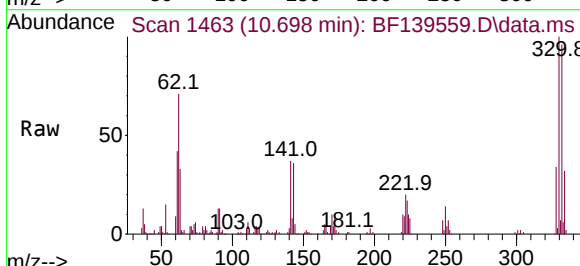
Tgt Ion:248 Resp: 8133

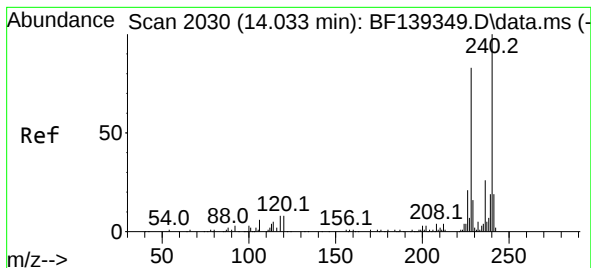
Ion Ratio Lower Upper

248 100

250 197.2 77.6 116.4#

141 514.2 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139559.D

Acq: 26 Sep 2024 21:24

Instrument :

BNA_F

ClientSampleId :

TP-T

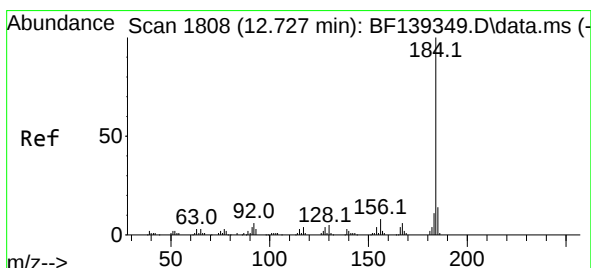
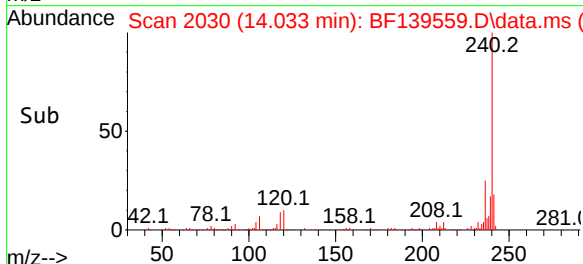
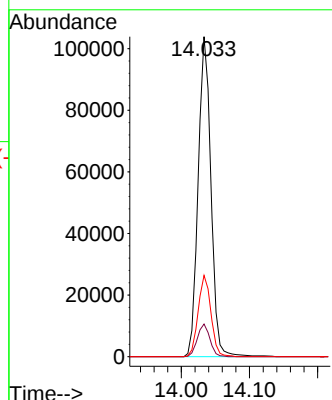
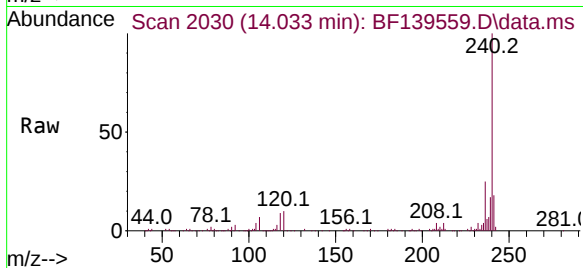
Tgt Ion:240 Resp: 134951

Ion Ratio Lower Upper

240 100

120 10.2 6.2 9.2#

236 25.4 20.9 31.3



#77

Benzidine

Concen: 3.930 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139559.D

Acq: 26 Sep 2024 21:24

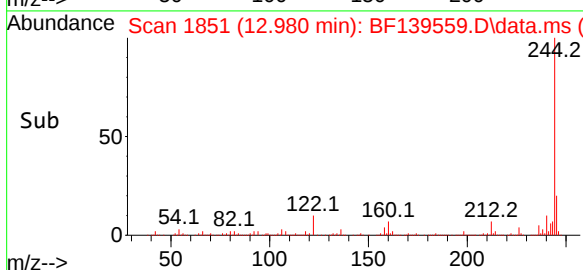
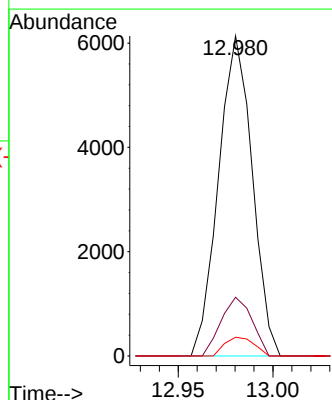
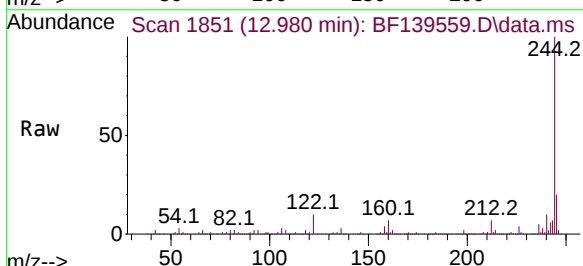
Tgt Ion:184 Resp: 7599

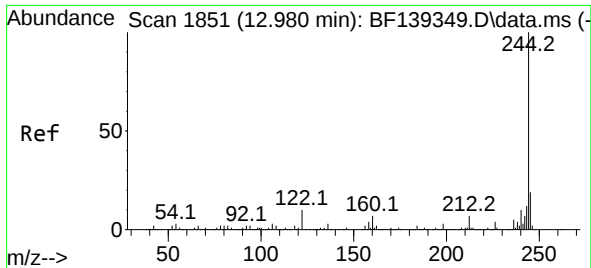
Ion Ratio Lower Upper

184 100

185 18.3 11.5 17.3#

183 5.9 8.9 13.3#

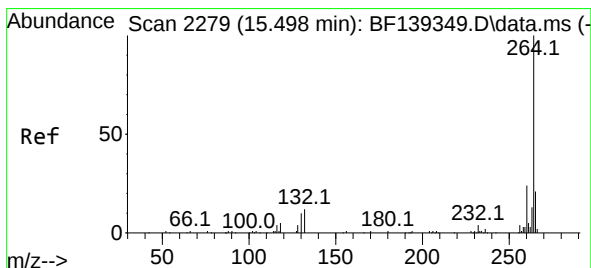
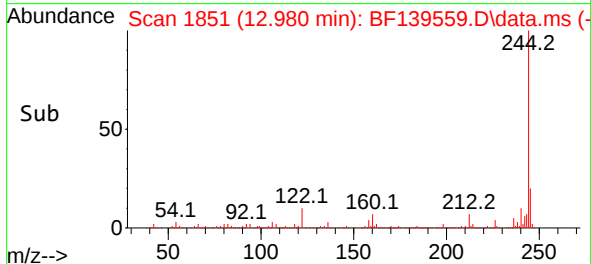
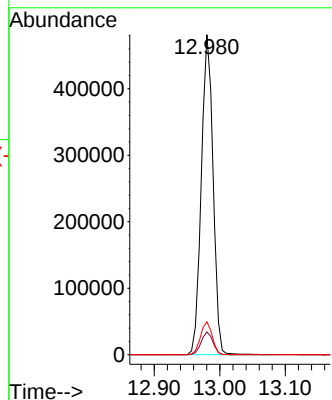
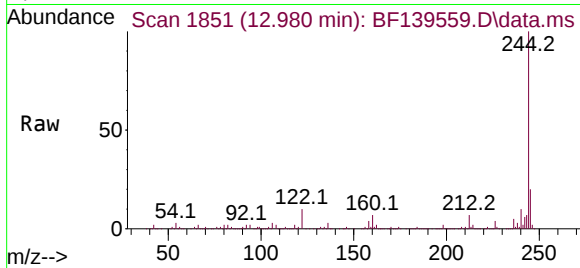




#79
 Terphenyl-d14
 Concen: 73.163 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139559.D
 Acq: 26 Sep 2024 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-T

Tgt Ion:244 Resp: 601530
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.3 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF139559.D
 Acq: 26 Sep 2024 21:24

Tgt Ion:264 Resp: 134706
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.7 16.6 25.0

