

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
 Data File : BF123980.D
 Acq On : 18 May 2021 15:58
 Operator : JU/CG
 Sample : M2436-07 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3A

Quant Time: May 19 03:18:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

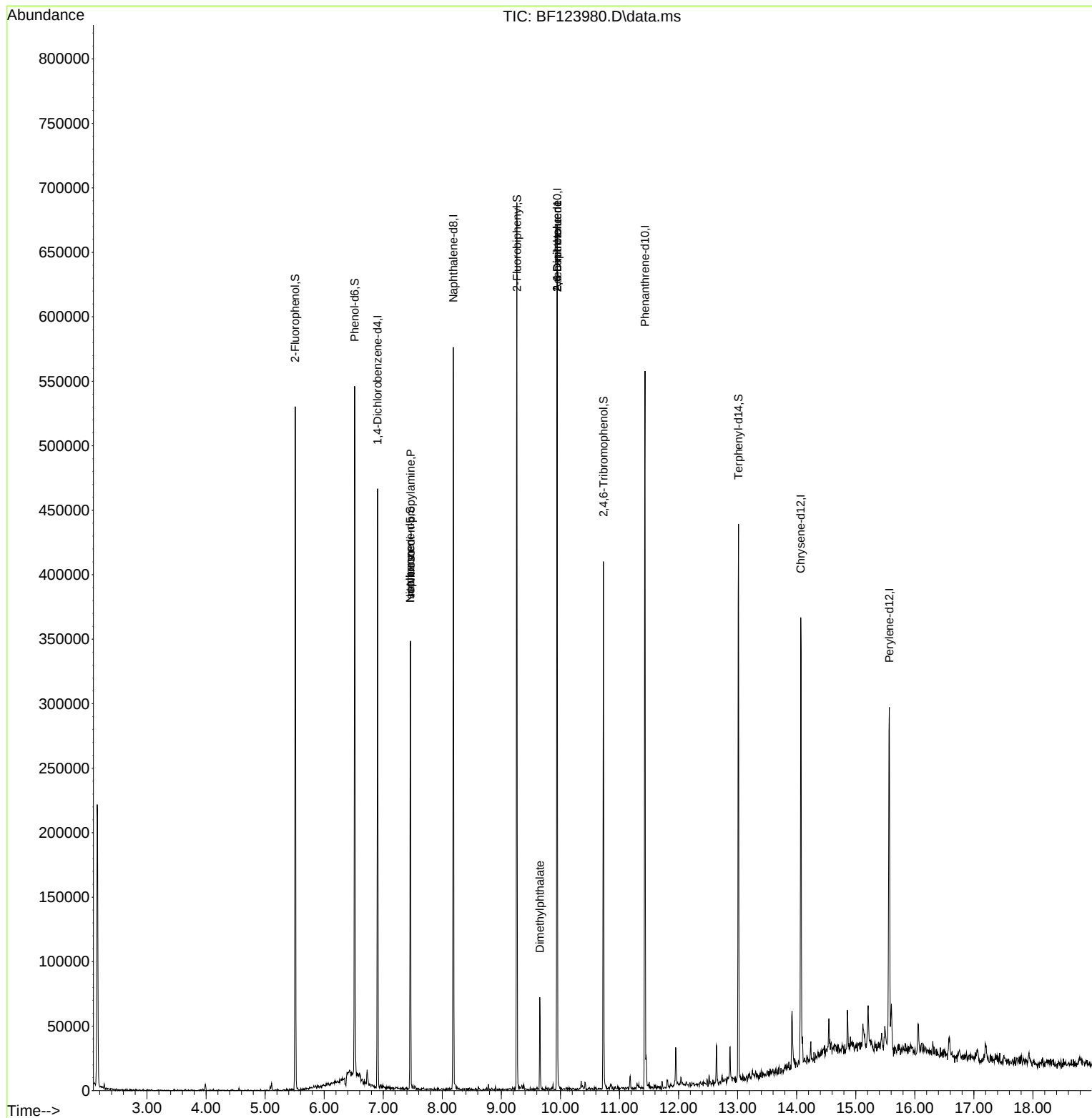
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	49046	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	201616	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	113470	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	184853	20.00	ng	0.00
76) Chrysene-d12	14.068	240	111138	20.00	ng	0.00
86) Perylene-d12	15.568	264	106279	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	99525	28.49	ng	0.00
7) Phenol-d6	6.516	99	129636	28.61	ng	0.00
23) Nitrobenzene-d5	7.457	82	96791	20.68	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	38123	27.97	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	171659	18.62	ng	0.00
79) Terphenyl-d14	13.016	244	120603	16.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	13316	4.35	ng	# 76
25) Isophorone	7.457	82	96788	10.75	ng	# 69
50) Dimethylphthalate	9.651	163	23436	2.59	ng	# 97
51) 2,6-Dinitrotoluene	9.945	165	14598	7.97	ng	# 11
57) 2,4-Dinitrotoluene	9.945	165	14598	6.50	ng	# 16

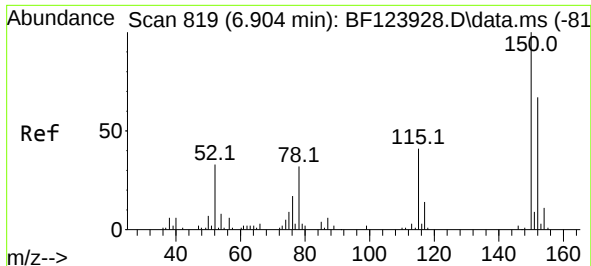
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 14 19:05:57 2021
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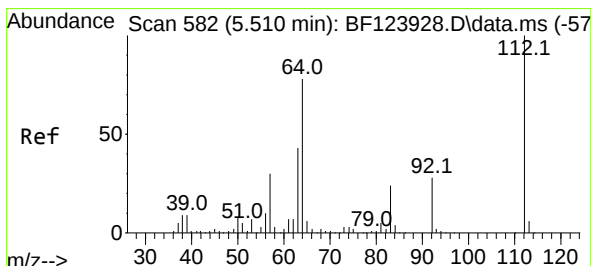
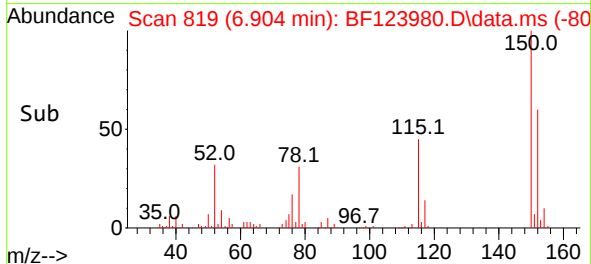
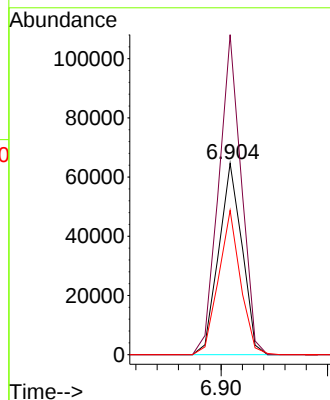
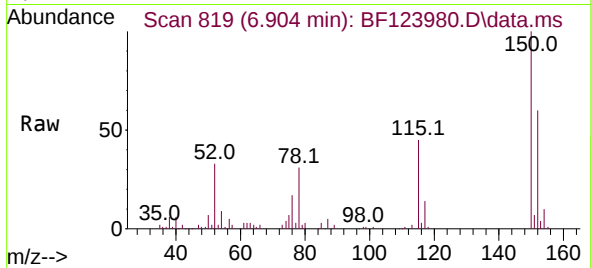




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

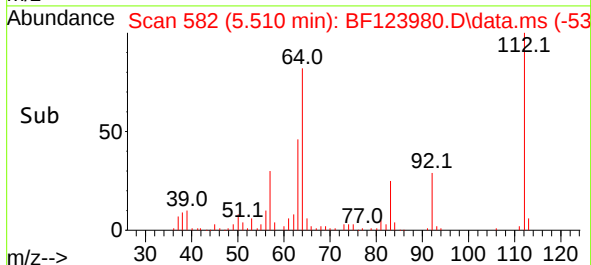
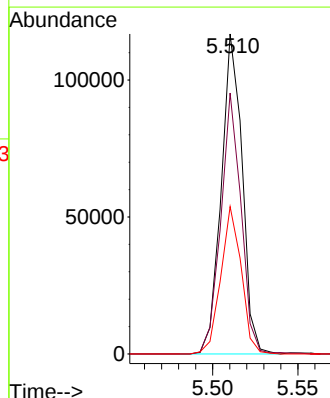
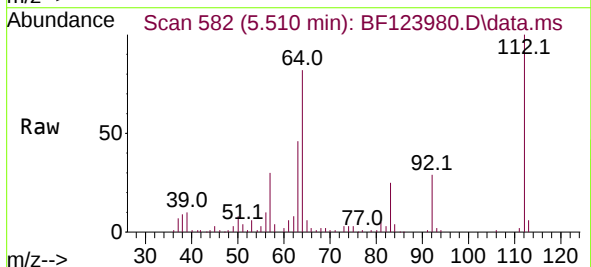
Instrument :
BNA_F
ClientSampleId :
TP-3A

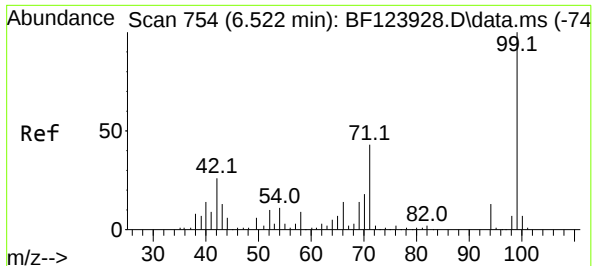
Tgt Ion:152 Resp: 49046
Ion Ratio Lower Upper
152 100
150 167.3 127.0 190.6
115 75.4 54.3 81.5



#5
2-Fluorophenol
Concen: 28.49 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

Tgt Ion:112 Resp: 99525
Ion Ratio Lower Upper
112 100
64 81.5 61.4 92.0
63 46.0 33.0 49.4

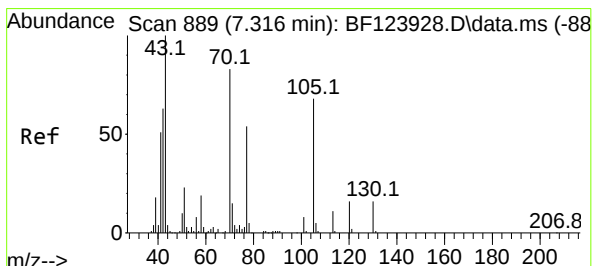
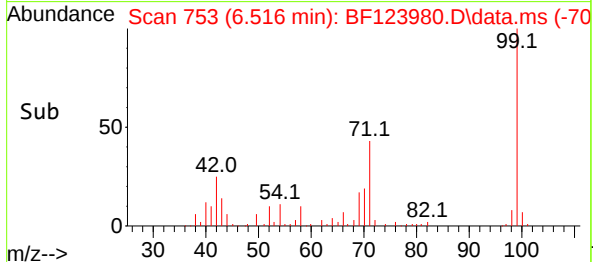
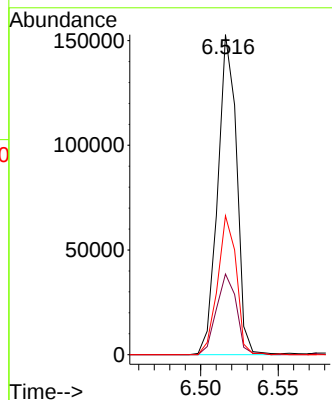
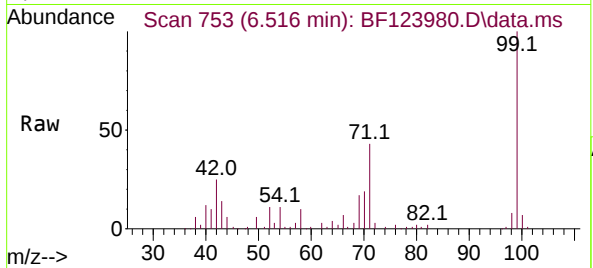




#7
Phenol-d6
Concen: 28.61 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

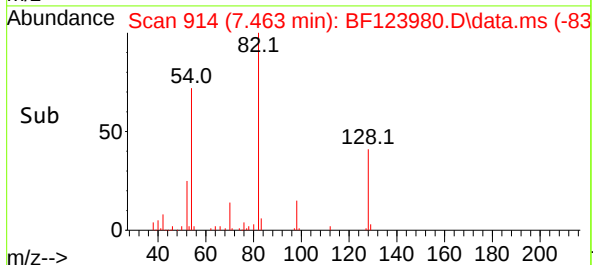
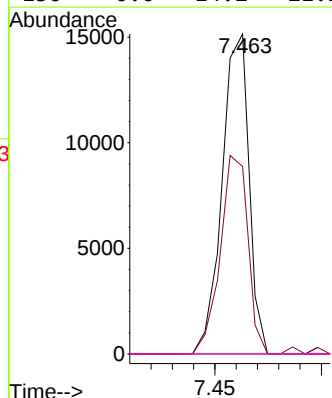
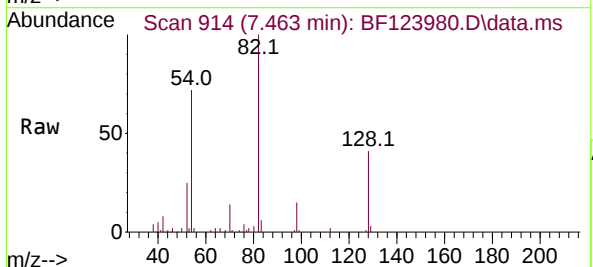
Instrument :
BNA_F
ClientSampleId :
TP-3A

Tgt Ion: 99 Resp: 129636
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.8
71 43.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 4.35 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

Tgt Ion: 70 Resp: 13316
Ion Ratio Lower Upper
70 100
42 58.5 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#

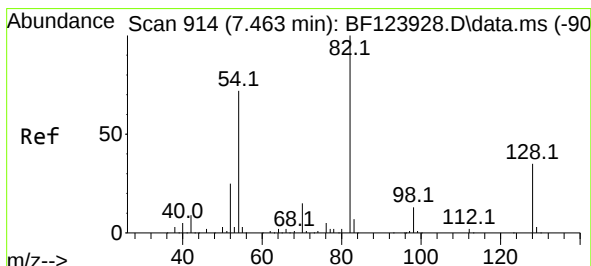
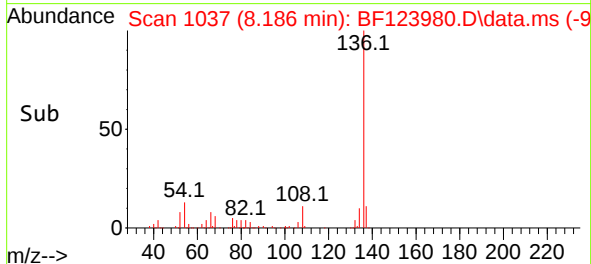
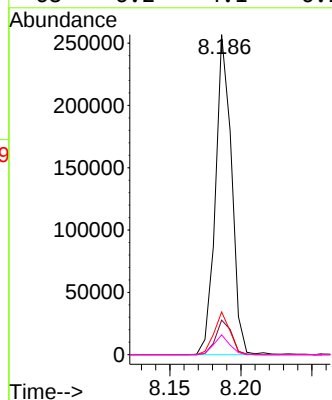
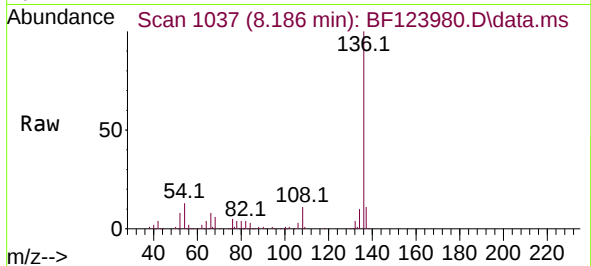




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

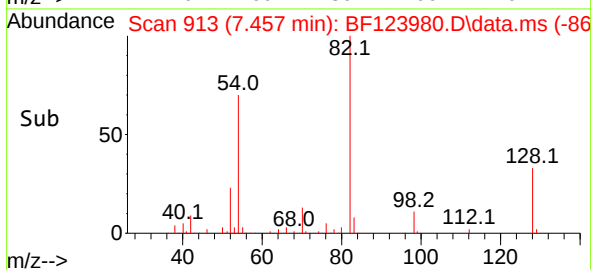
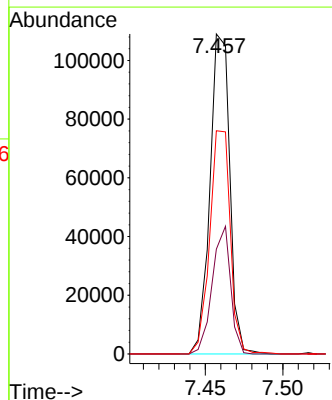
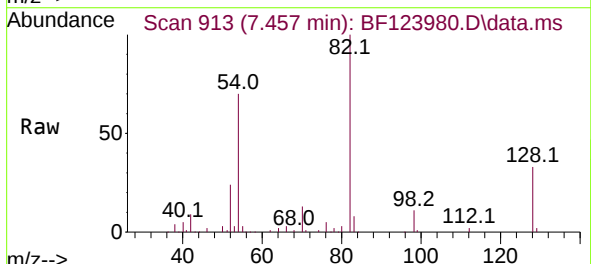
Instrument :
BNA_F
ClientSampleId :
TP-3A

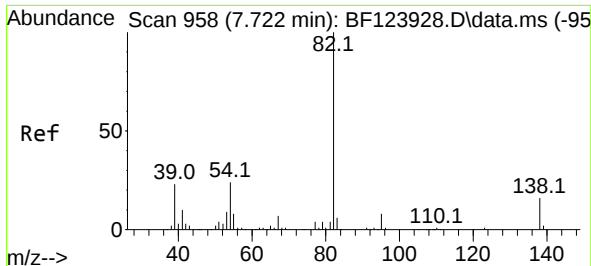
Tgt Ion:	136	Resp:	201616
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	13.4	9.8	14.6
68	6.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 20.68 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

Tgt Ion:	82	Resp:	96791
Ion	Ratio	Lower	Upper
82	100		
128	32.7	29.4	44.2
54	69.8	54.1	81.1

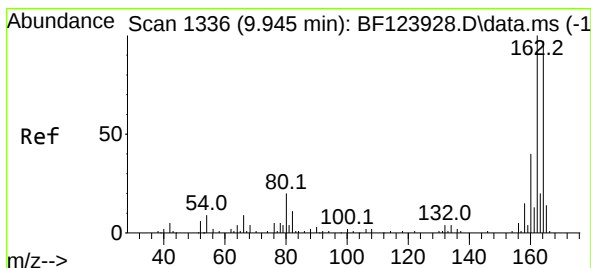
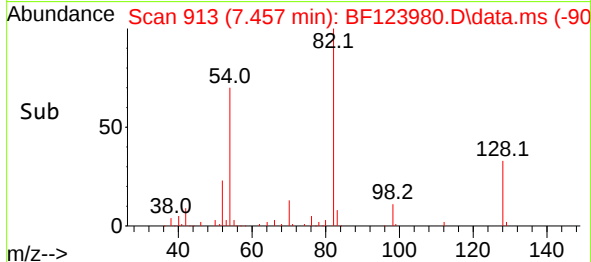
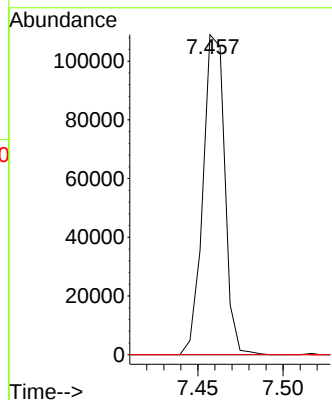
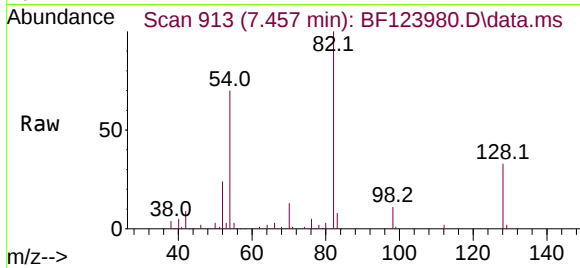




#25
Isophorone
Concen: 10.75 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

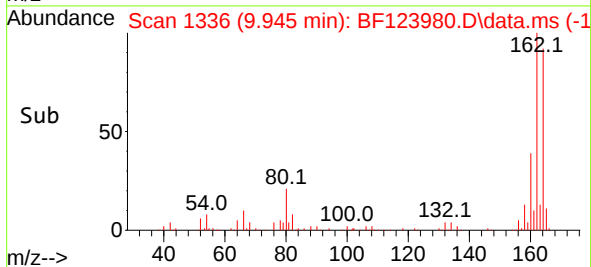
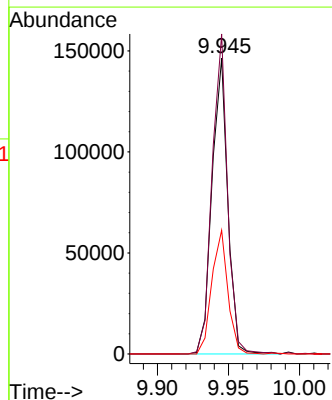
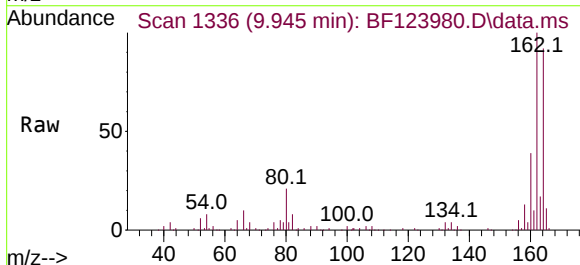
Instrument :
BNA_F
ClientSampleId :
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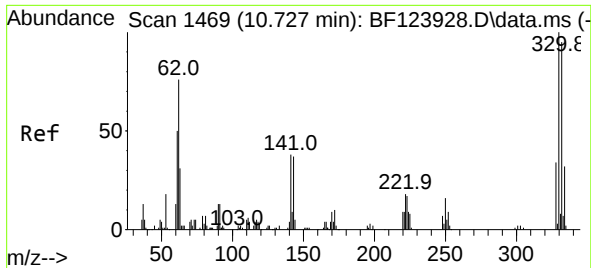
Tgt Ion: 82 Resp: 96788
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

Tgt Ion: 164 Resp: 113470
Ion Ratio Lower Upper
164 100
162 108.3 80.7 121.1
160 41.8 37.3 55.9

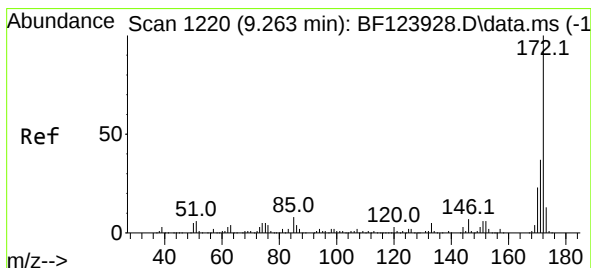
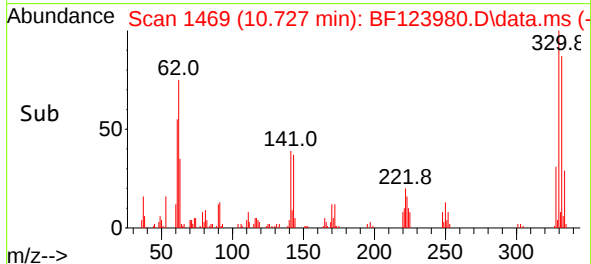
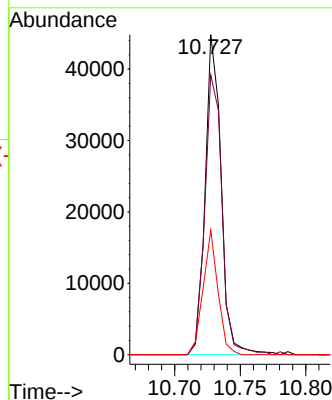
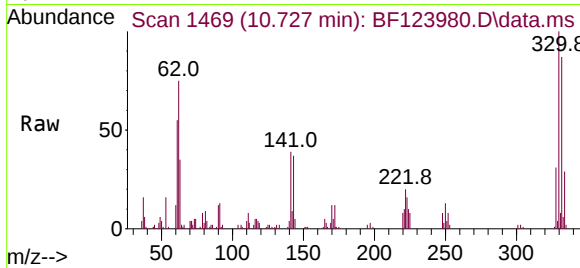




#42
2,4,6-Tribromophenol
Concen: 27.97 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

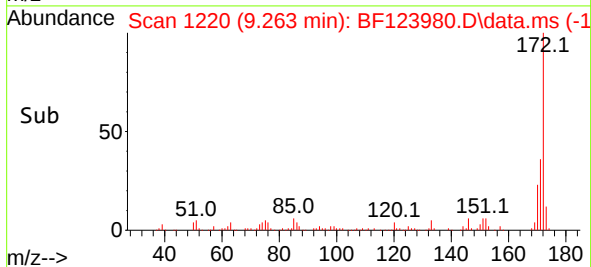
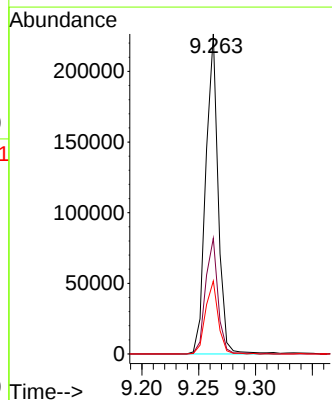
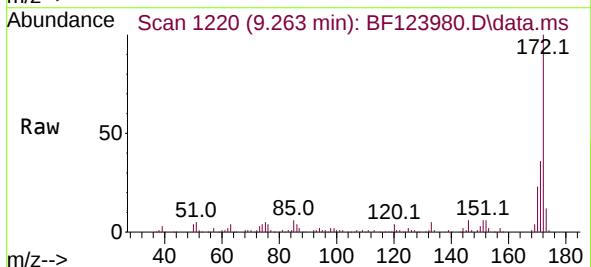
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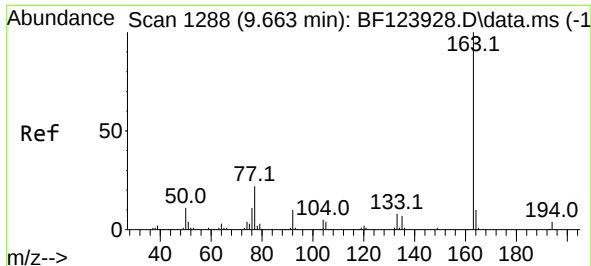
Tgt Ion: 330 Resp: 38123
Ion Ratio Lower Upper
330 100
332 94.1 77.1 115.7
141 36.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 18.62 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

Tgt Ion: 172 Resp: 171659
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 22.8 19.2 28.8

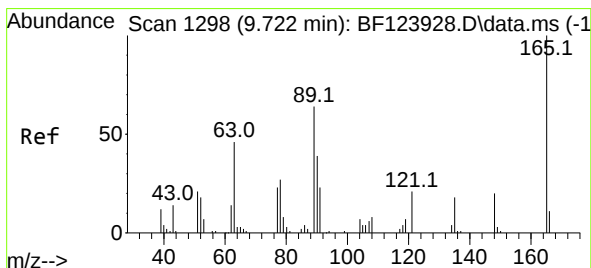
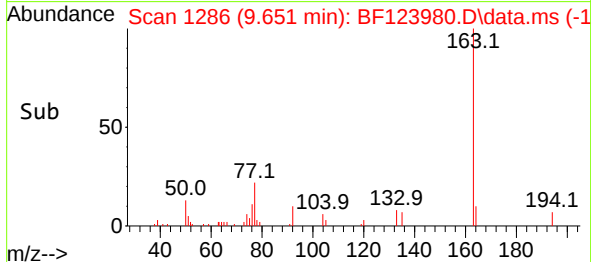
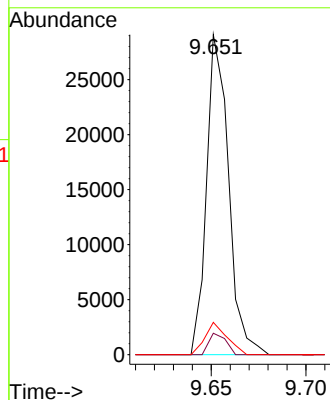
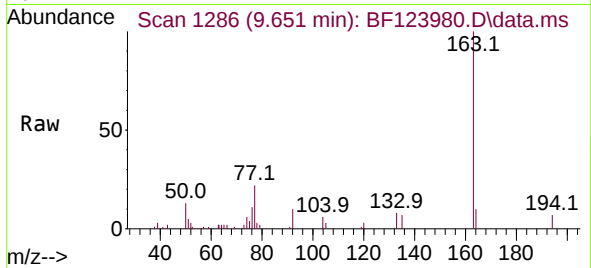




#50
Dimethylphthalate
Concen: 2.59 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

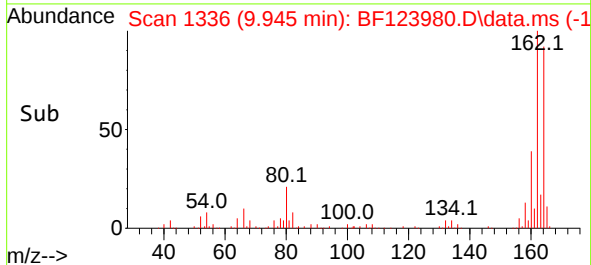
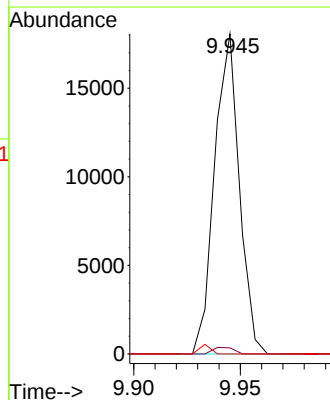
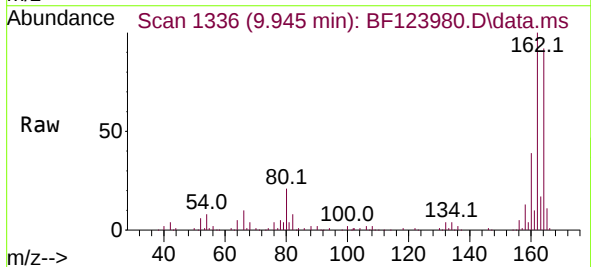
Instrument :
BNA_F
ClientSampled :
TP-3A

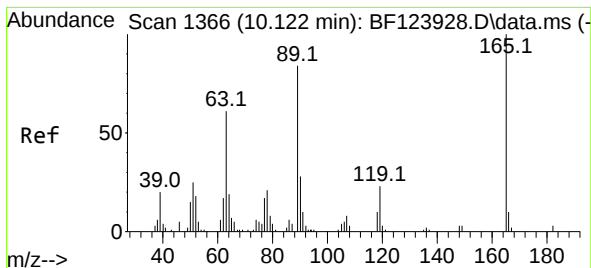
Tgt Ion:163 Resp: 23436
Ion Ratio Lower Upper
163 100
194 6.7 3.1 4.7#
164 10.1 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.224 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

Tgt Ion:165 Resp: 14598
Ion Ratio Lower Upper
165 100
63 1.9 67.7 101.5#
89 0.0 58.8 88.2#

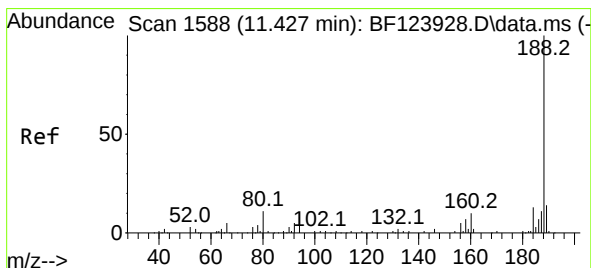
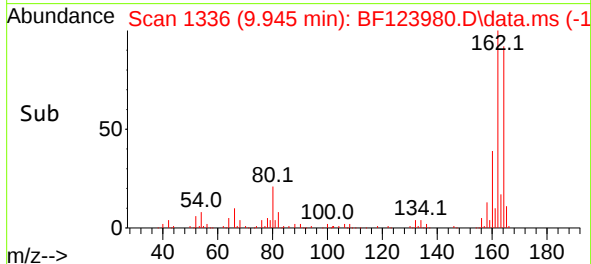
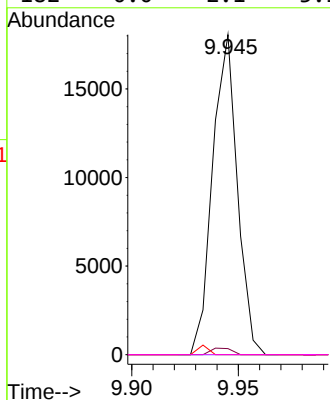
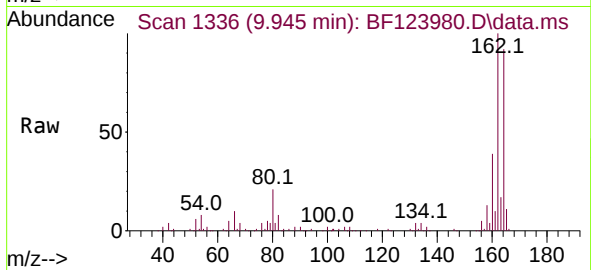




#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.176 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

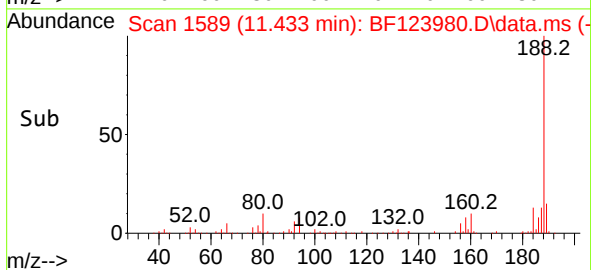
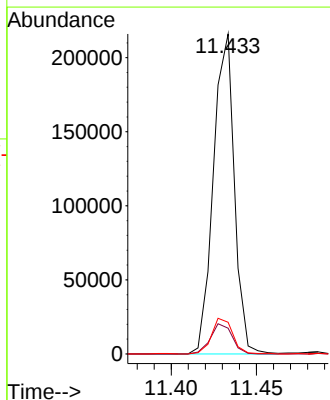
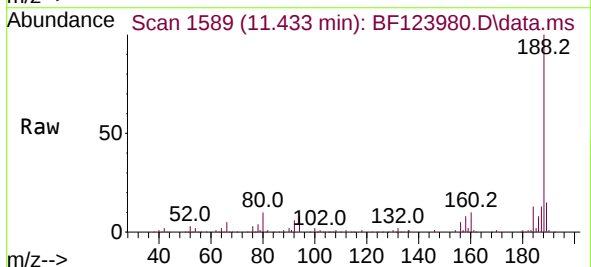
Instrument :
BNA_F
ClientSampled :
TP-3A

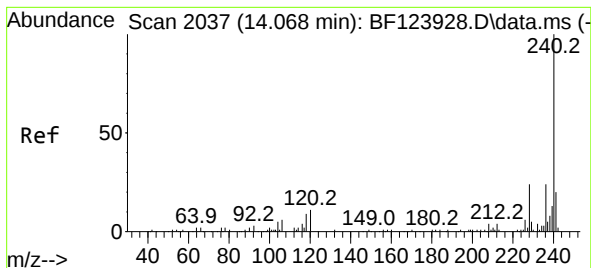
Tgt Ion:165	Resp:	14598
Ion Ratio	Lower	Upper
165	100	
63	1.9	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

Tgt Ion:188	Resp:	184853
Ion Ratio	Lower	Upper
188	100	
94	8.0	6.9 10.3
80	9.9	8.2 12.2

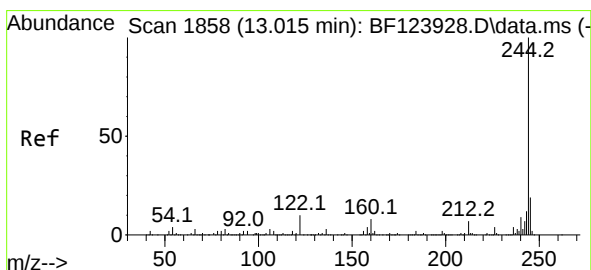
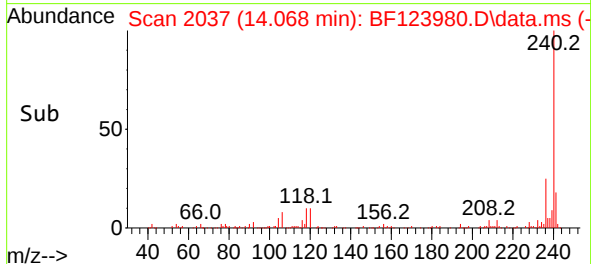
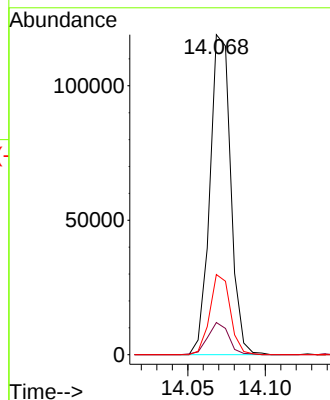
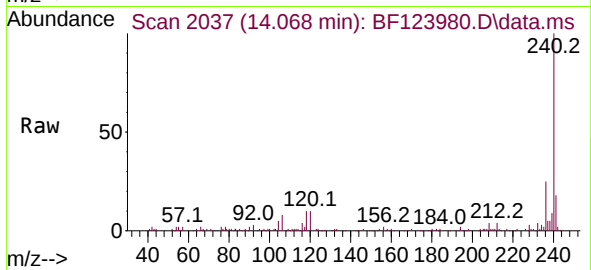




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

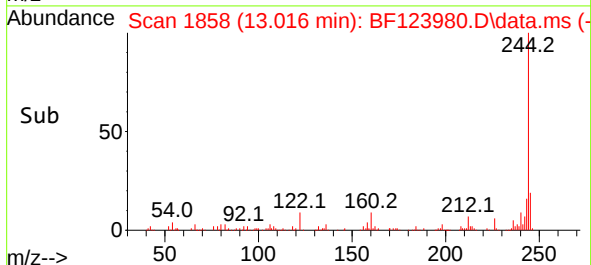
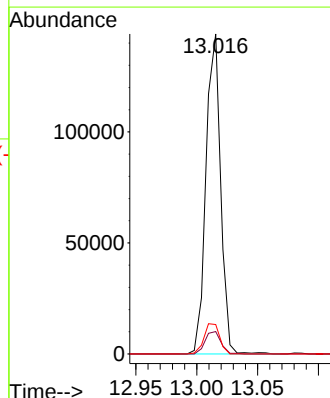
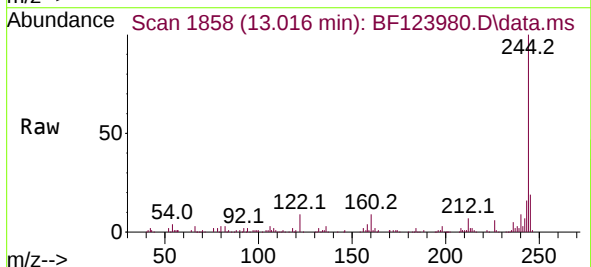
Instrument :
BNA_F
ClientSampleId :
TP-3A

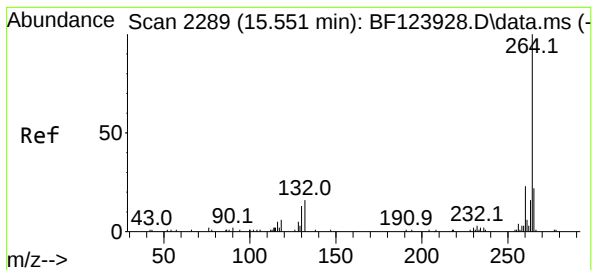
Tgt Ion:240 Resp: 111138
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 25.1 19.0 28.4



#79
Terphenyl-d14
Concen: 16.44 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123980.D
Acq: 18 May 2021 15:58

Tgt Ion:244 Resp: 120603
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.2 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.018 min
 Lab File: BF123980.D
 Acq: 18 May 2021 15:58

Instrument :
 BNA_F
 ClientSampled :
 TP-3A

Tgt Ion:264	Resp:	106279
Ion	Ratio	Lower Upper
264	100	
260	22.7	18.7 28.1
265	21.2	17.8 26.8

