

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127723.D
 Acq On : 08 Apr 2022 19:54
 Operator : CG\JU
 Sample : N2207-06RX
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220350-AMENDED-096-21-02RX

Quant Time: Apr 11 02:23:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

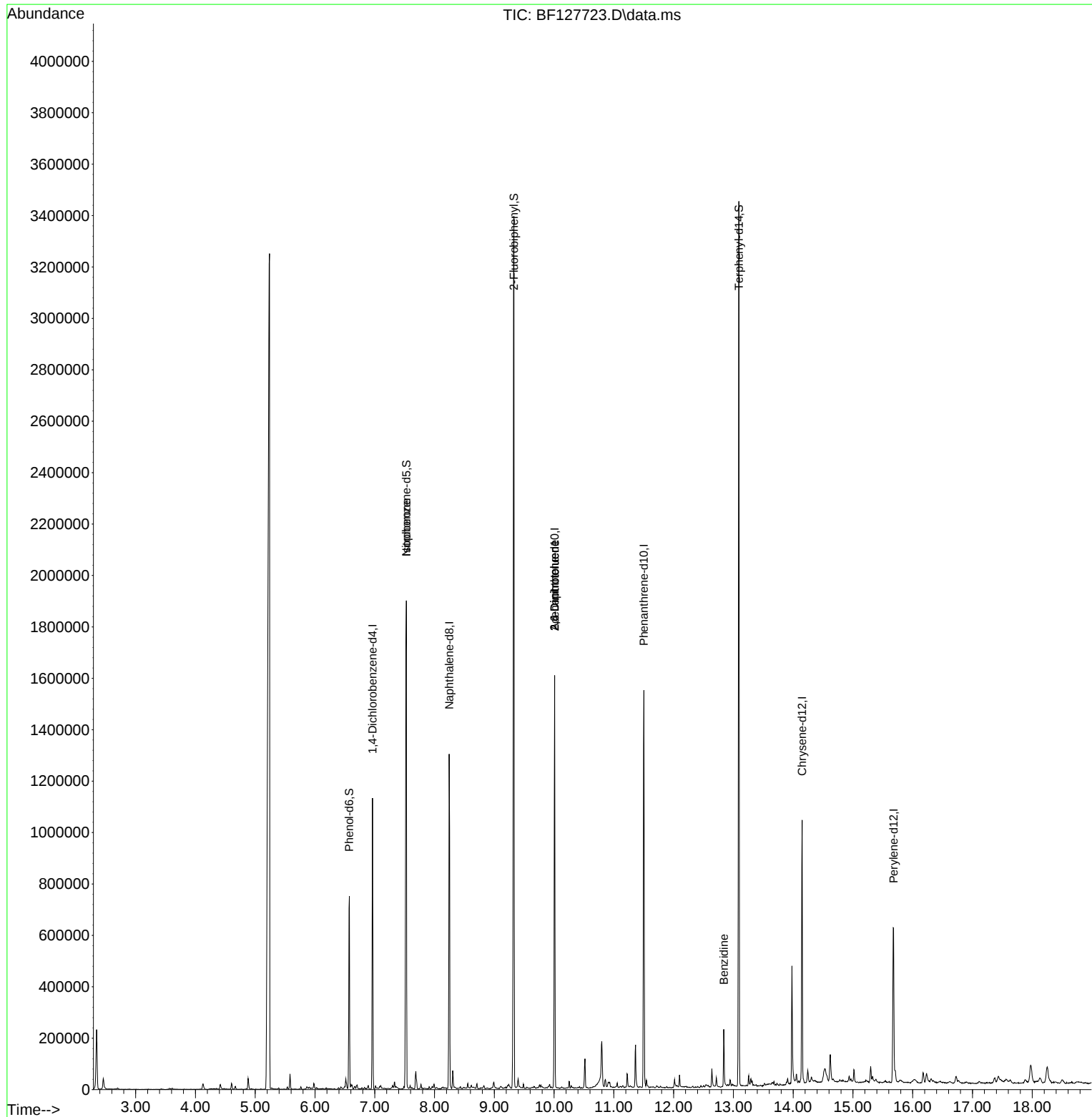
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	146088	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	544917	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	318866	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	565853	20.000	ng	0.00
76) Chrysene-d12	14.151	240	352339	20.000	ng	0.00
86) Perylene-d12	15.680	264	304309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	12609	1.402	ng	0.00
7) Phenol-d6	6.575	99	235324	20.008	ng	0.00
23) Nitrobenzene-d5	7.528	82	662136	54.171	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	6454	1.902	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1150630	51.048	ng	0.00
79) Terphenyl-d14	13.092	244	1152925	54.011	ng	0.00
Target Compounds						
9) Benzaldehyde	6.516	77	5987	Below Cal		Qvalue 85
25) Isophorone	7.528	82	662124	31.044	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	40972	9.404	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	40972	7.585	ng	# 14
77) Benzidine	12.839	184	85875	9.338	ng	99

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

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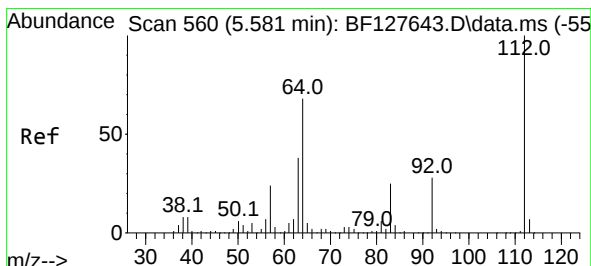
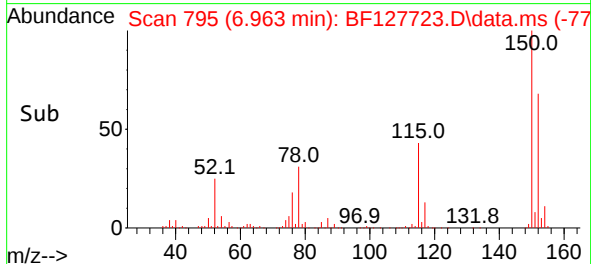
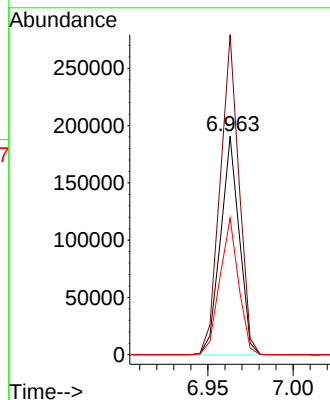
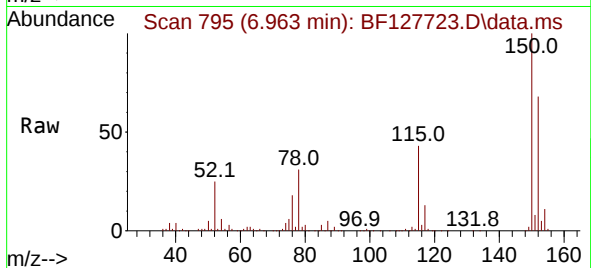




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

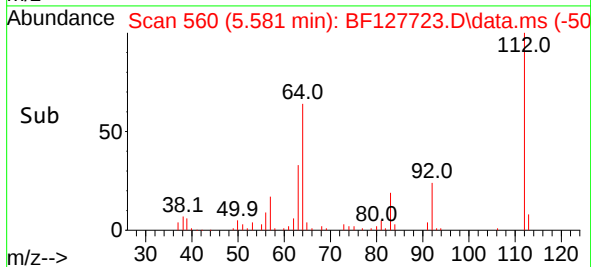
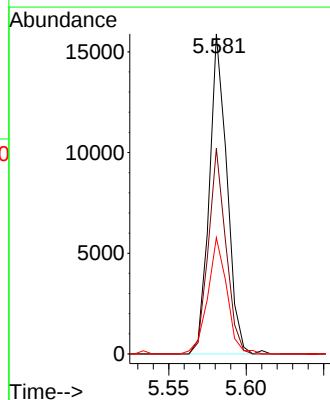
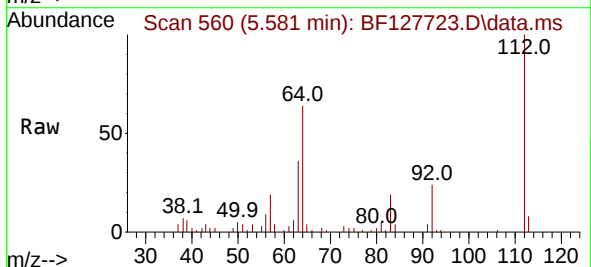
Instrument :
BNA_F
ClientSampleId :
20220350-AMENDED-096-21-02RX

Tgt Ion:152 Resp: 146088
Ion Ratio Lower Upper
152 100
150 146.6 117.2 175.8
115 62.6 49.8 74.6



#5
2-Fluorophenol
Concen: 1.402 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

Tgt Ion:112 Resp: 12609
Ion Ratio Lower Upper
112 100
64 64.2 58.4 87.6
63 36.3 30.1 45.1

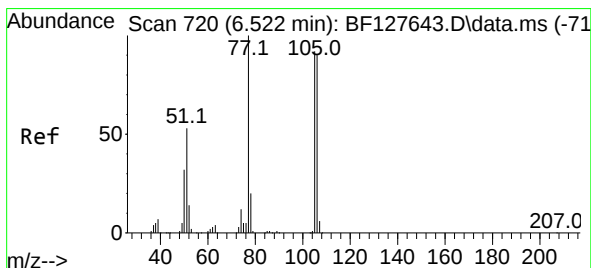
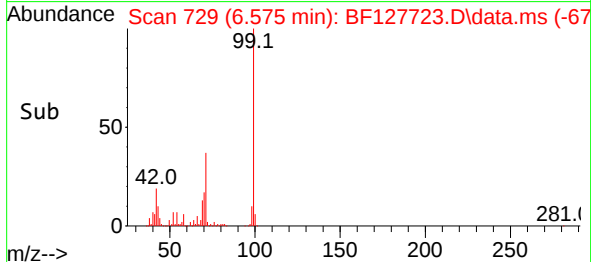
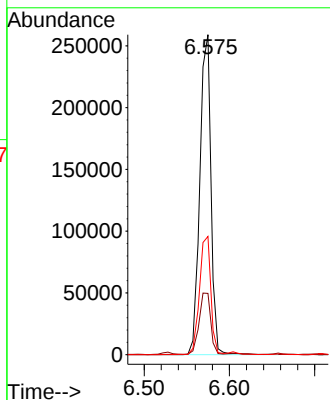
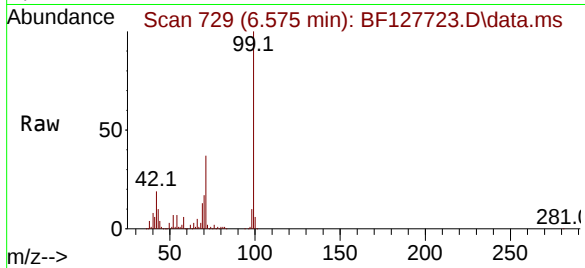




#7
Phenol-d6
Concen: 20.008 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

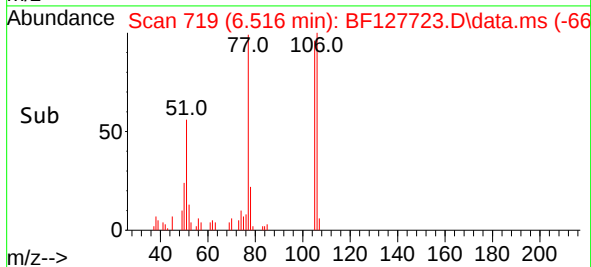
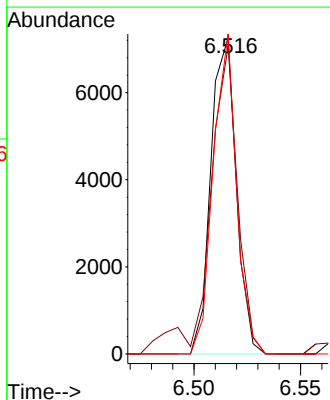
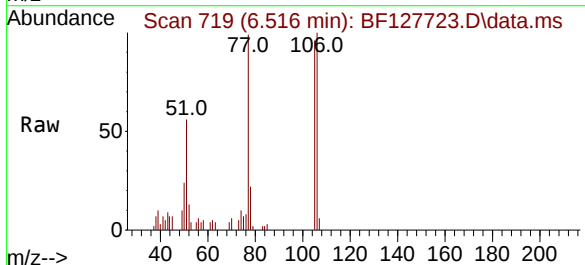
Instrument :
BNA_F
ClientSampleId :
20220350-AMENDED-096-21-02RX

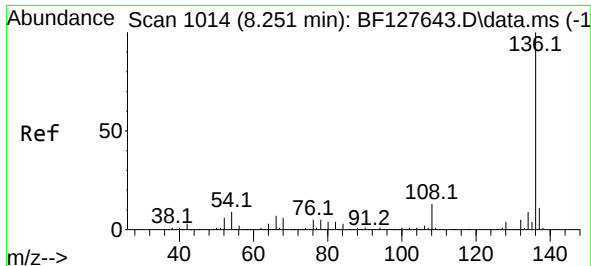
Tgt Ion: 99 Resp: 235324
Ion Ratio Lower Upper
99 100
42 19.2 17.8 26.6
71 36.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

Tgt Ion: 77 Resp: 5987
Ion Ratio Lower Upper
77 100
105 97.4 66.8 106.8
106 101.2 64.3 104.3

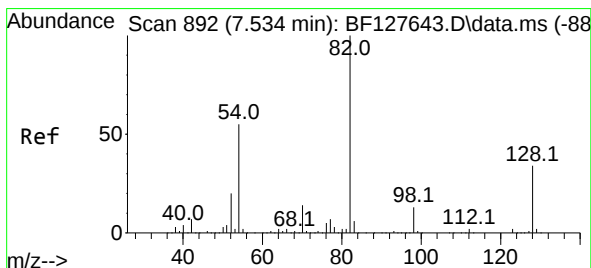
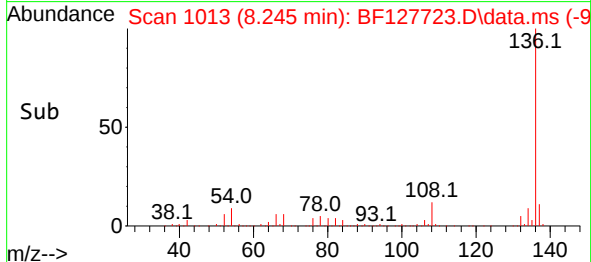
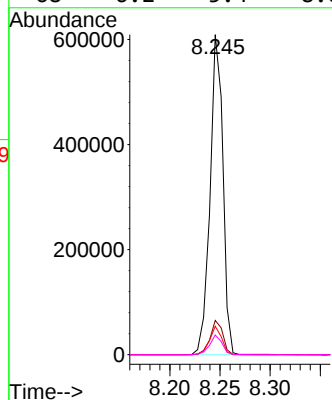
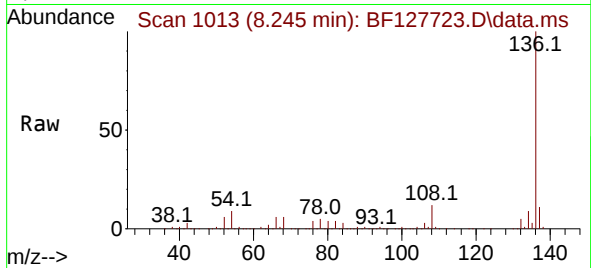




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

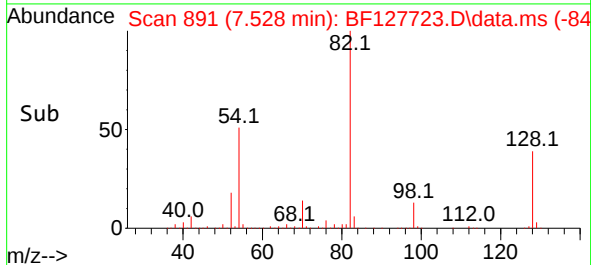
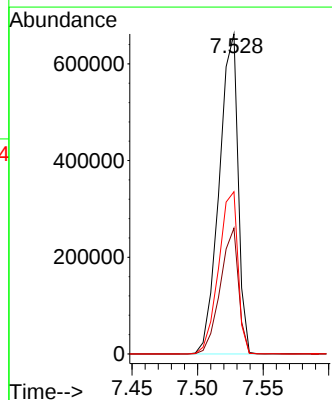
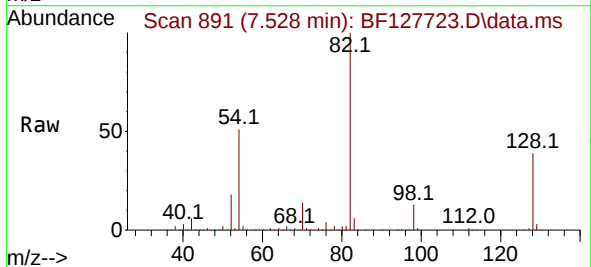
Instrument :
BNA_F
ClientSampleId :
20220350-AMENDED-096-21-02RX

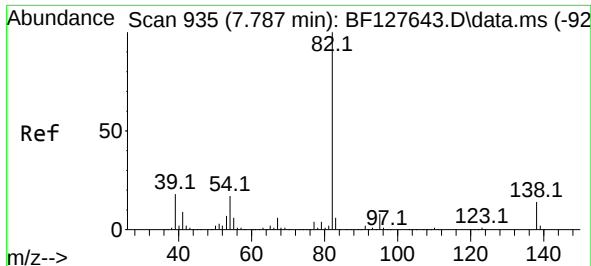
Tgt Ion:136	Resp: 544917
Ion Ratio	Lower Upper
136	100
137	10.7 8.6 13.0
54	8.9 9.2 13.8#
68	6.2 5.4 8.0



#23
Nitrobenzene-d5
Concen: 54.171 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

Tgt Ion: 82	Resp: 662136
Ion Ratio	Lower Upper
82	100
128	39.3 30.6 45.8
54	50.7 48.2 72.2

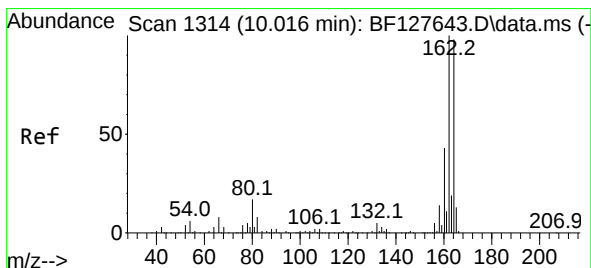
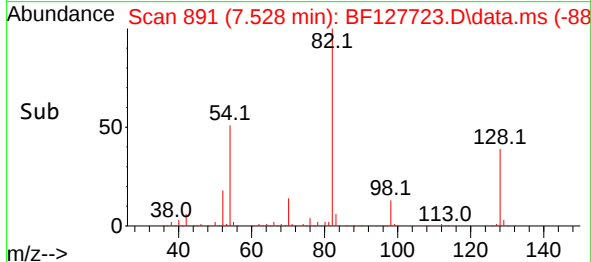
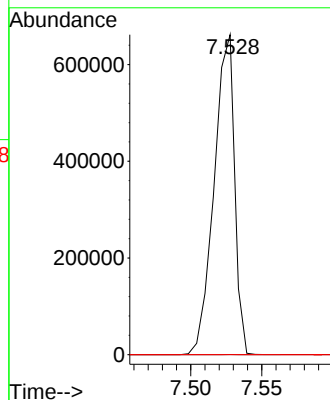
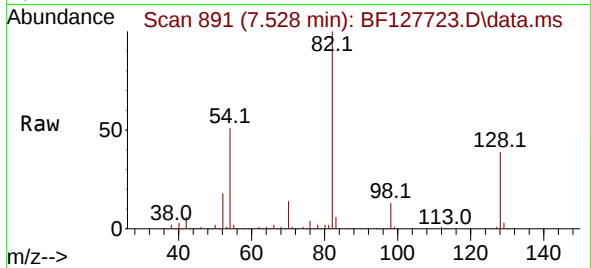




#25
Isophorone
Concen: 31.044 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

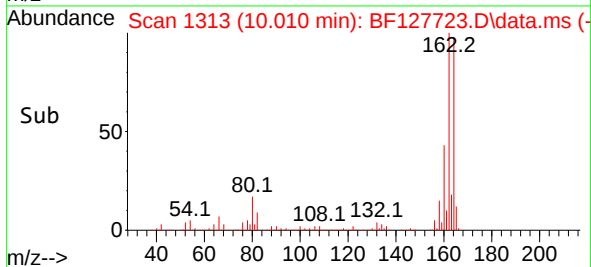
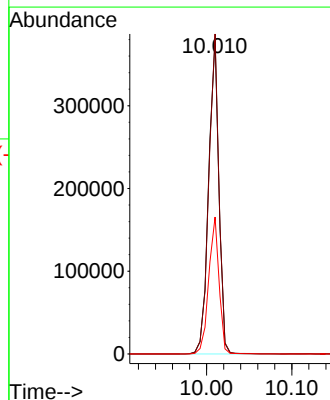
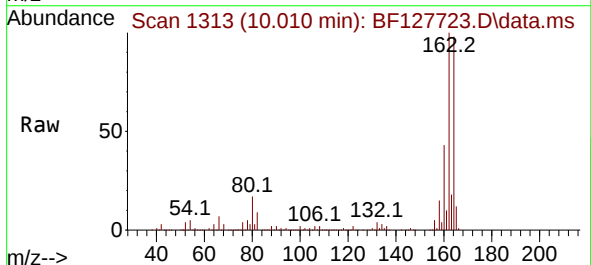
Instrument :
BNA_F
ClientSampleId :
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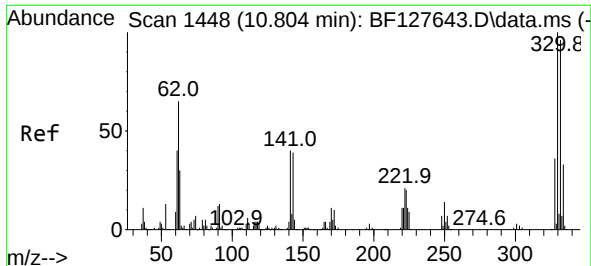
Tgt Ion: 82 Resp: 662124
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

Tgt Ion: 164 Resp: 318866
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 43.6 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 1.902 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127723.D

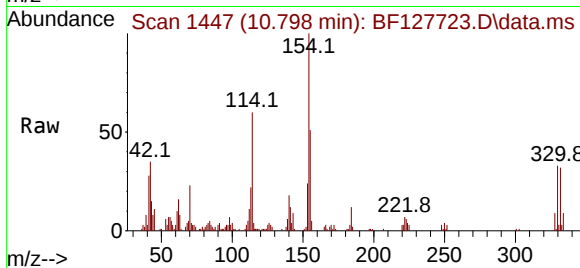
Acq: 08 Apr 2022 19:54

Instrument :

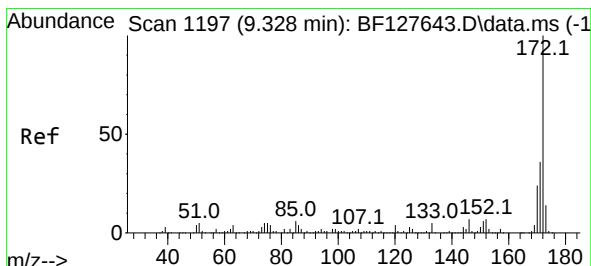
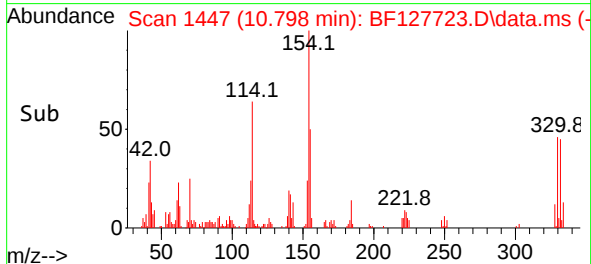
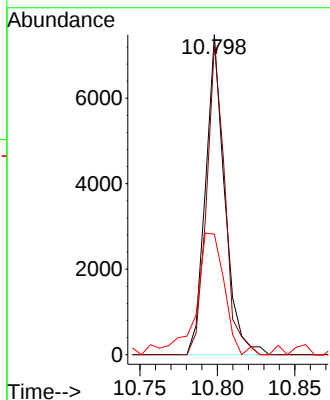
BNA_F

ClientSampleId :

20220350-AMENDED-096-21-02RX



Tgt Ion:	330	Resp:	6454
Ion Ratio	Lower	Upper	
330	100		
332	92.3	79.1	118.7
141	57.2	26.2	39.4#



#45

2-Fluorobiphenyl

Concen: 51.048 ng

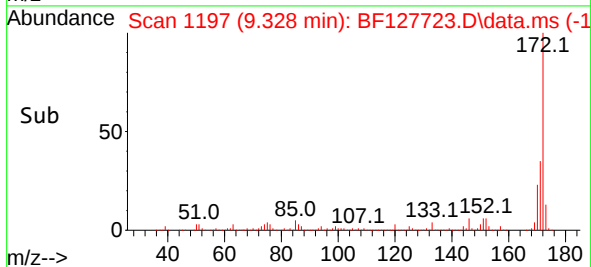
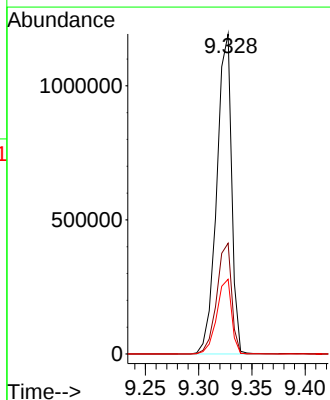
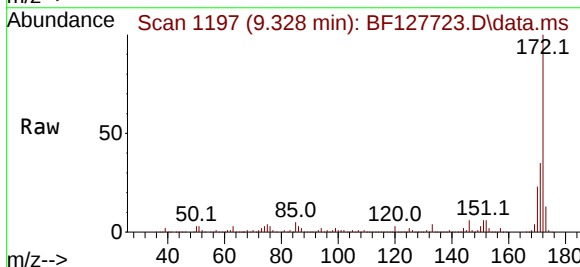
RT: 9.328 min Scan# 1197

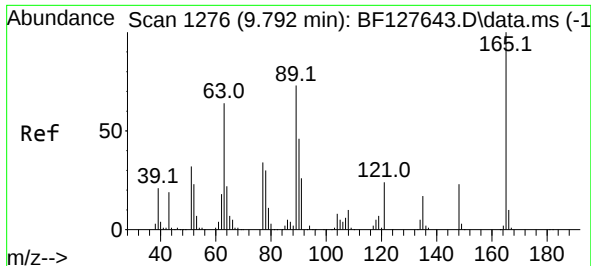
Delta R.T. -0.000 min

Lab File: BF127723.D

Acq: 08 Apr 2022 19:54

Tgt Ion:	172	Resp:	1150630
Ion Ratio	Lower	Upper	
172	100		
171	34.6	28.4	42.6
170	23.3	18.6	27.8

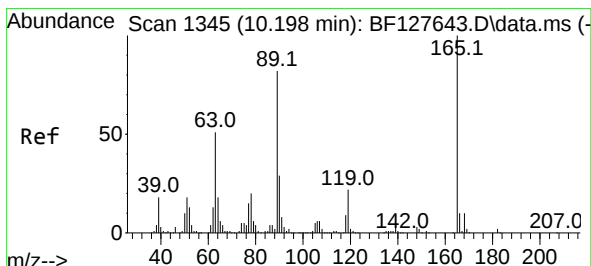
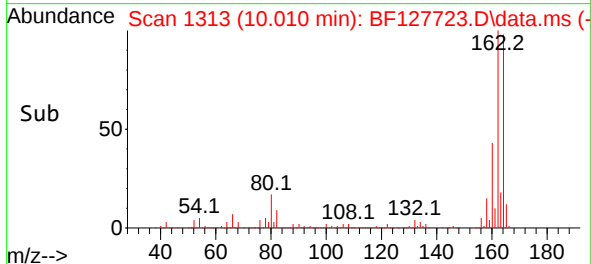
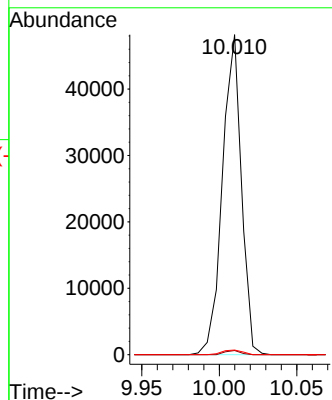
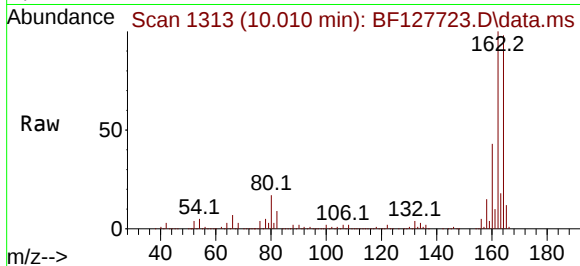




#51
2,6-Dinitrotoluene
Concen: 9.404 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

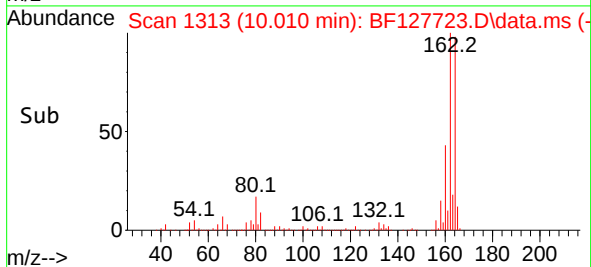
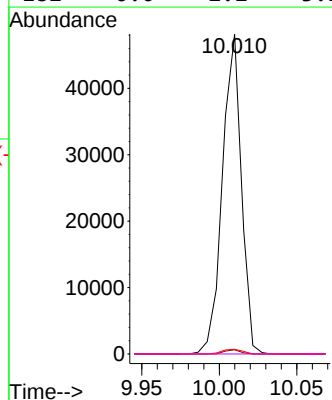
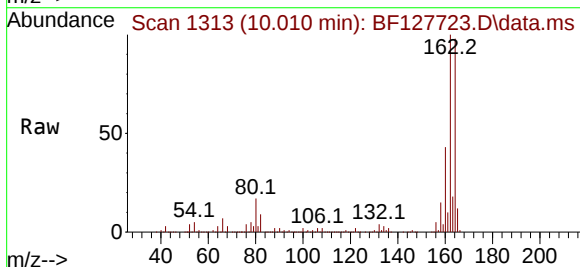
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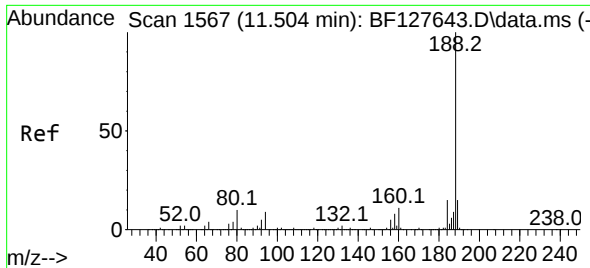
Tgt Ion:165 Resp: 40972
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.5 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.585 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

Tgt Ion:165 Resp: 40972
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#

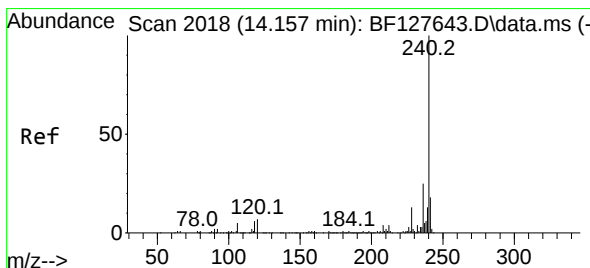
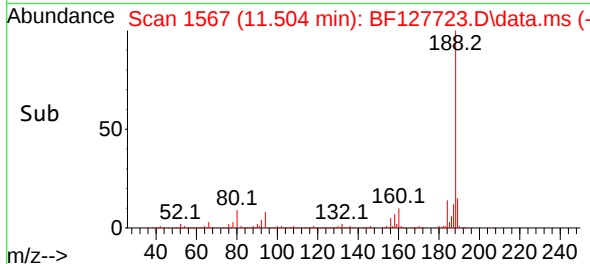
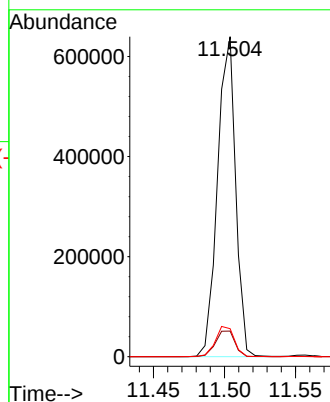
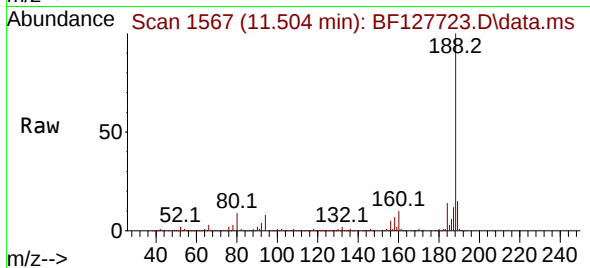




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

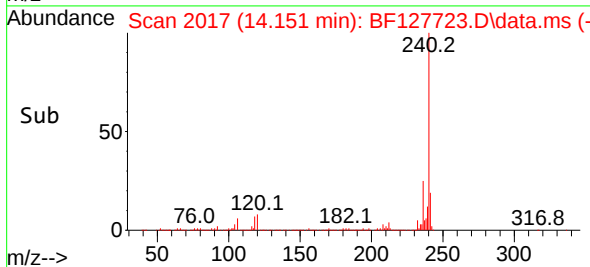
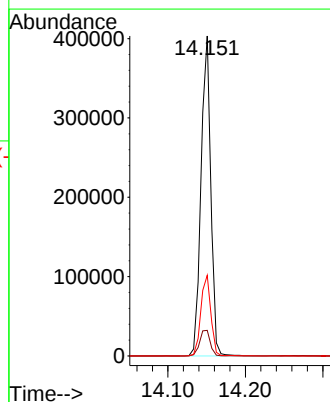
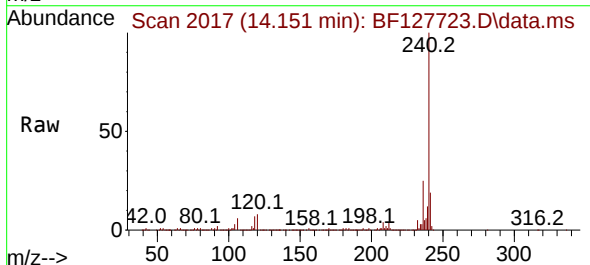
Instrument :
BNA_F
ClientSampleId :
20220350-AMENDED-096-21-02RX

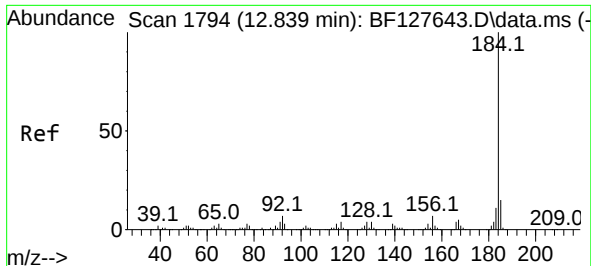
Tgt Ion:188 Resp: 565853
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.0
80 8.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

Tgt Ion:240 Resp: 352339
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.2 20.7 31.1

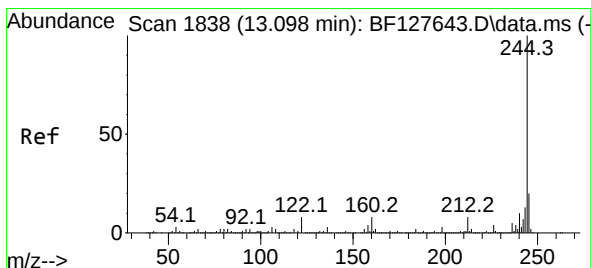
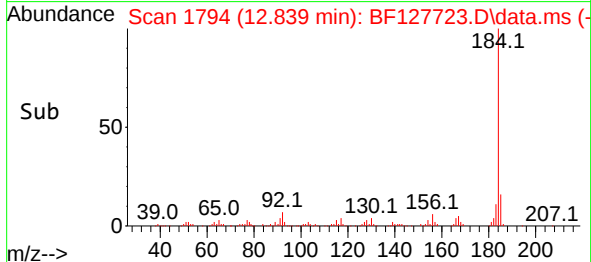
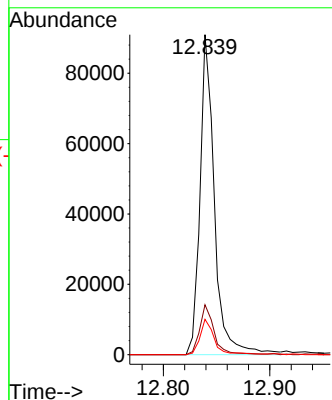
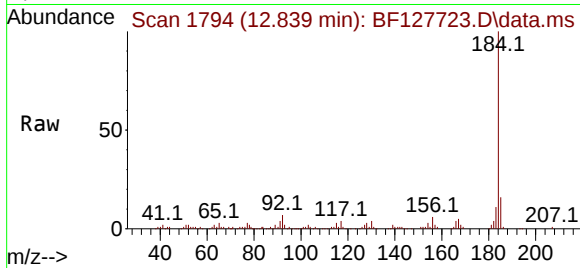




#77
Benzidine
Concen: 9.338 ng
RT: 12.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

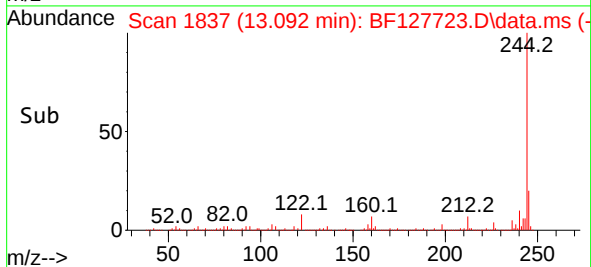
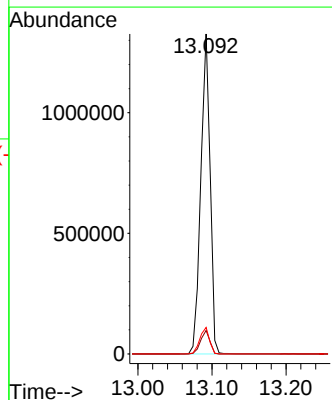
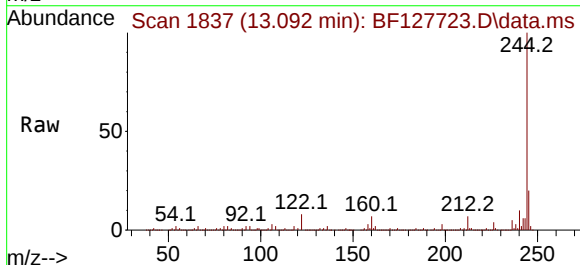
Instrument :
BNA_F
ClientSampleId :
20220350-AMENDED-096-21-02RX

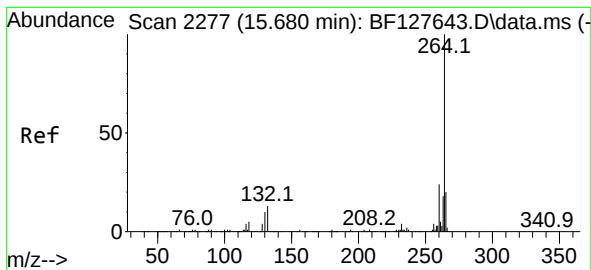
Tgt Ion:184 Resp: 85875
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 11.0 9.4 14.0



#79
Terphenyl-d14
Concen: 54.011 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127723.D
Acq: 08 Apr 2022 19:54

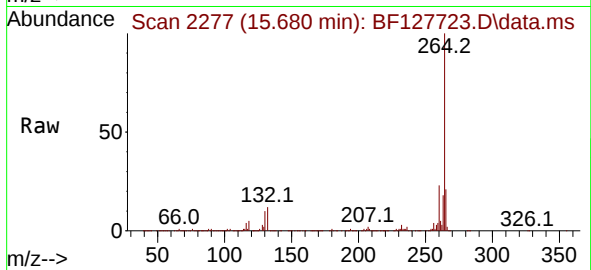
Tgt Ion:244 Resp: 1152925
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.3 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF127723.D
 Acq: 08 Apr 2022 19:54

Instrument :
 BNA_F
 ClientSampleId :
 20220350-AMENDED-096-21-02RX



Tgt Ion:264 Resp: 304309
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.1 17.4 26.2

