

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016659.D
 Acq On : 02 Oct 2021 06:57
 Operator : CG/JU
 Sample : M3829-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20210917

Quant Time: Oct 02 07:39:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

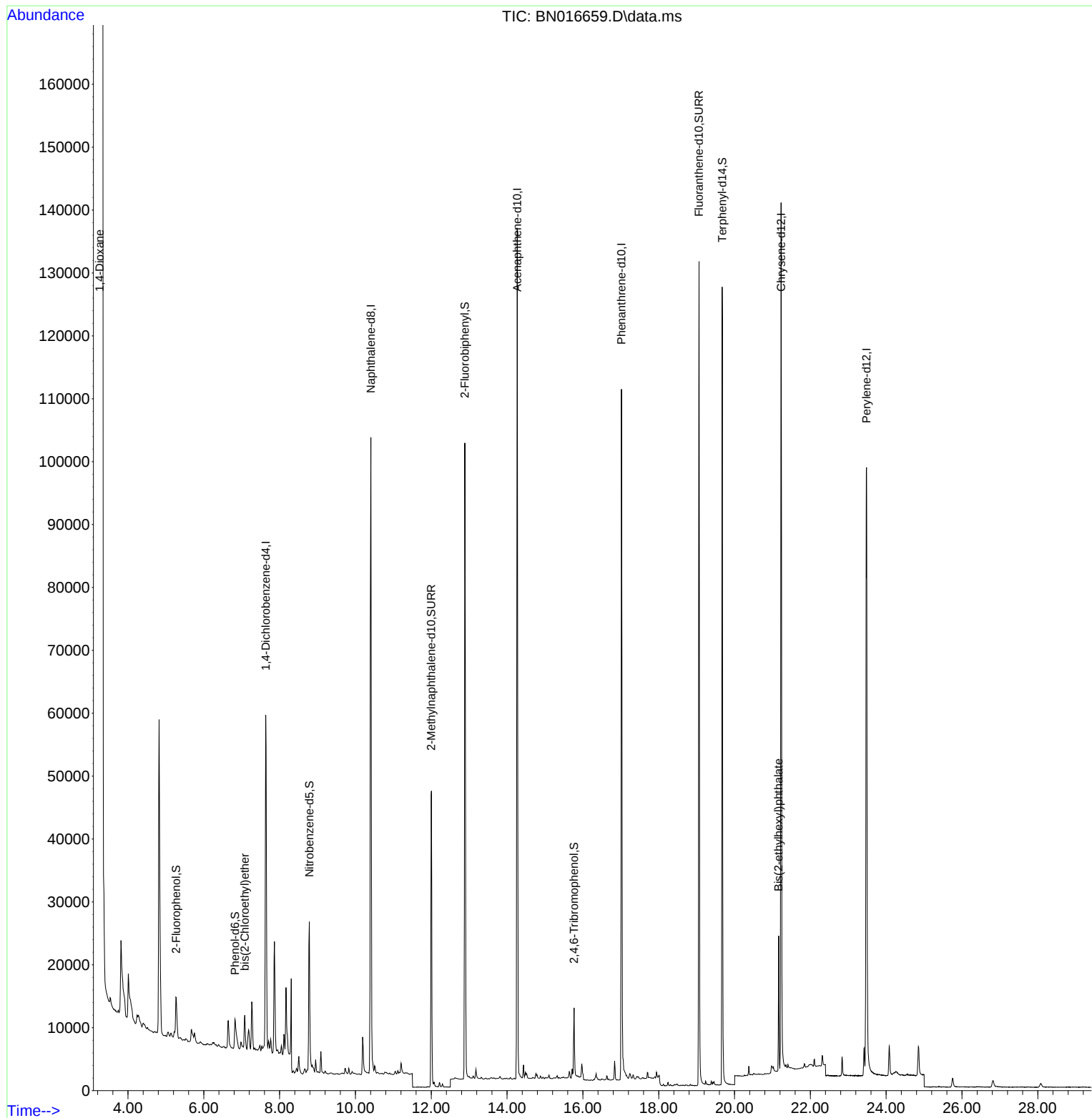
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	31164	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	141497	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	75121	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	146959	0.40	ng	#-0.01
29) Chrysene-d12	21.228	240	134314	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	139014	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	8785	0.11	ng	0.02
5) Phenol-d6	6.822	99	5121	0.06	ng	0.00
8) Nitrobenzene-d5	8.785	82	23662	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	66405	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9794	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	92292	0.30	ng	-0.01
27) Fluoranthene-d10	19.063	212	149102	0.38	ng	0.00
31) Terphenyl-d14	19.674	244	132809	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	41627	2.90	ng	# 87
6) bis(2-Chloroethyl)ether	7.080	93	5148	0.06	ng	100
34) Bis(2-ethylhexyl)phtha...	21.164	149	17953	0.11	ng	99

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

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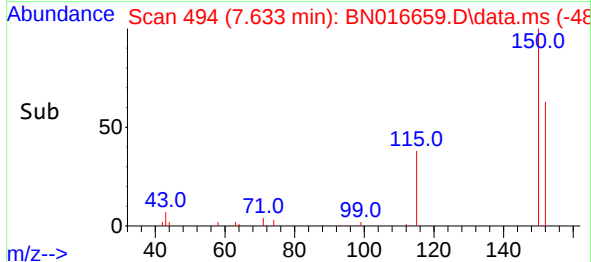
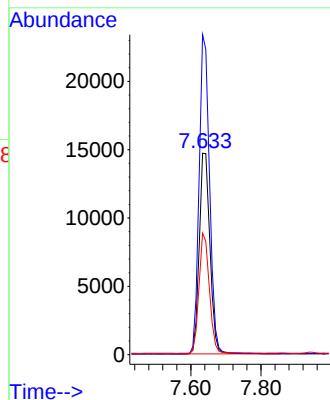
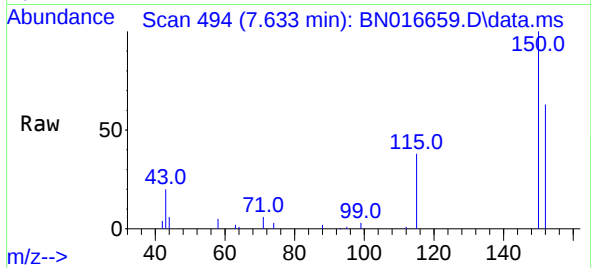




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.633 min Scan# 494
Delta R.T. -0.009 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

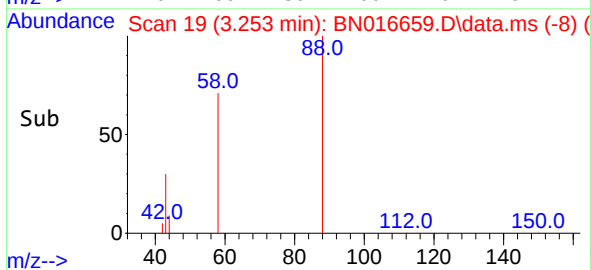
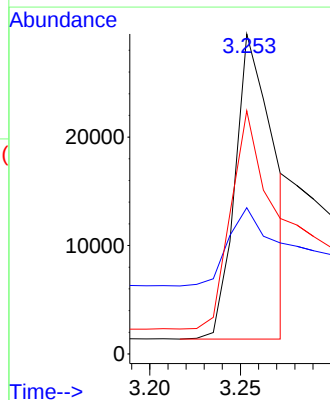
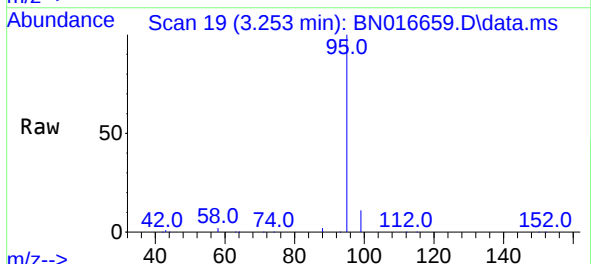
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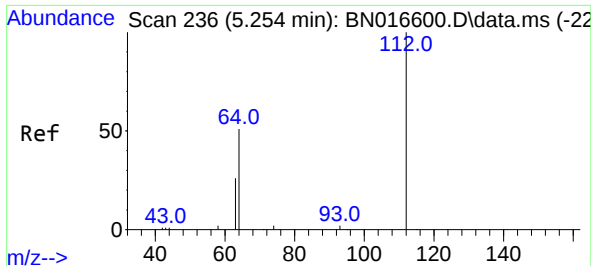
Tgt Ion:152 Resp: 31164
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 60.3 46.5 69.7



#2
1,4-Dioxane
Concen: 2.90 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion: 88 Resp: 41627
Ion Ratio Lower Upper
88 100
43 28.2 37.8 56.8#
58 73.7 61.3 91.9

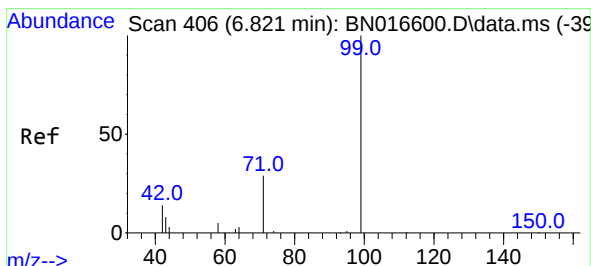
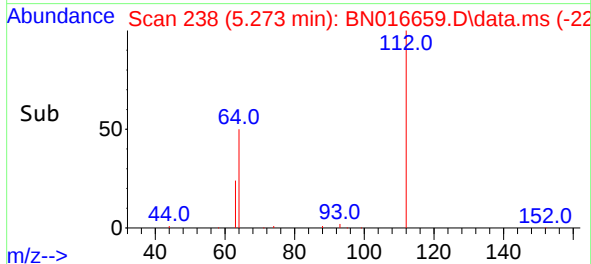
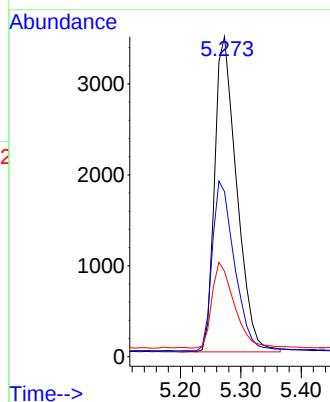
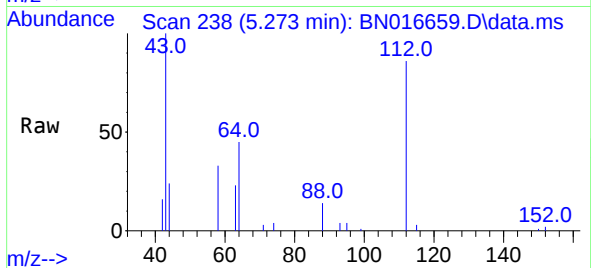




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

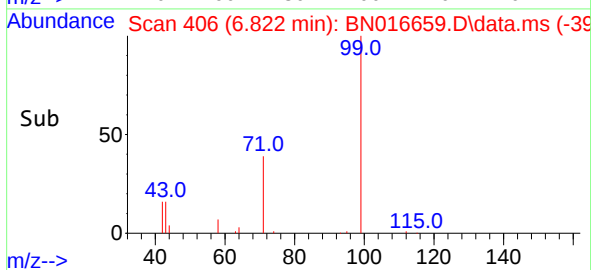
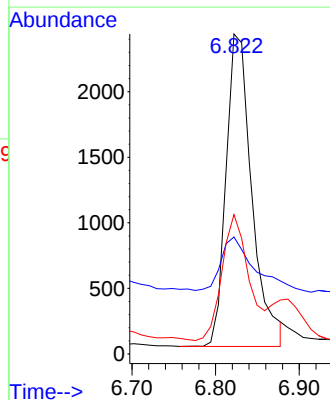
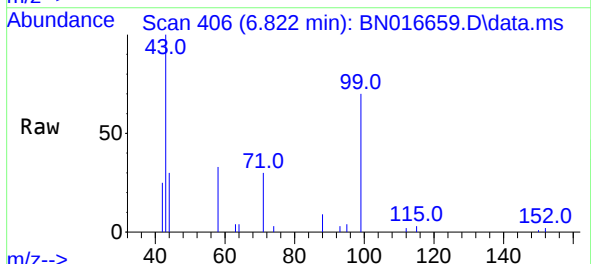
Instrument :
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ClientSampleId :
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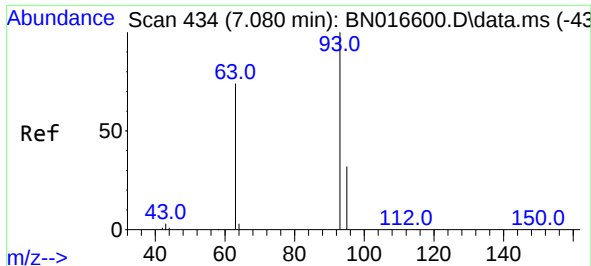
Tgt Ion:112 Resp: 8785
Ion Ratio Lower Upper
112 100
64 54.1 43.1 64.7
63 27.6 21.6 32.4



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion: 99 Resp: 5121
Ion Ratio Lower Upper
99 100
42 20.6 13.0 19.6#
71 42.2 23.5 35.3#

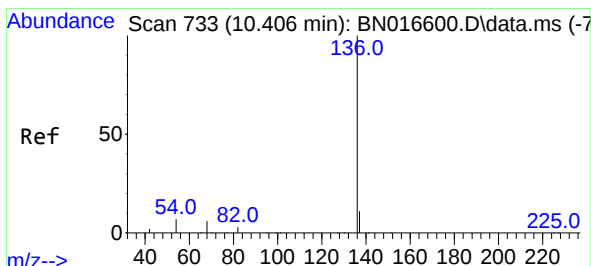
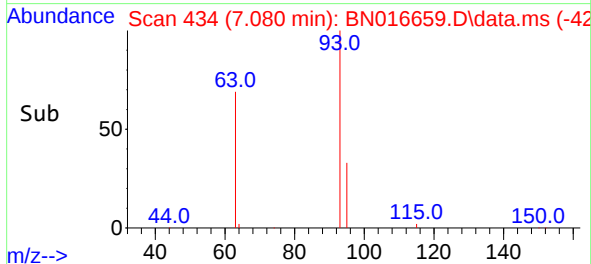
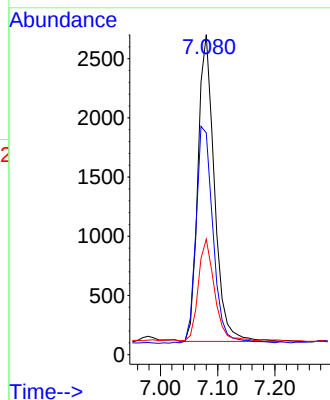
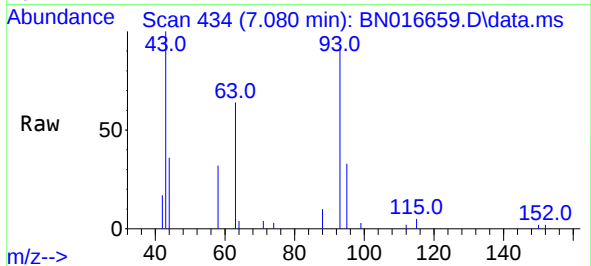




#6
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

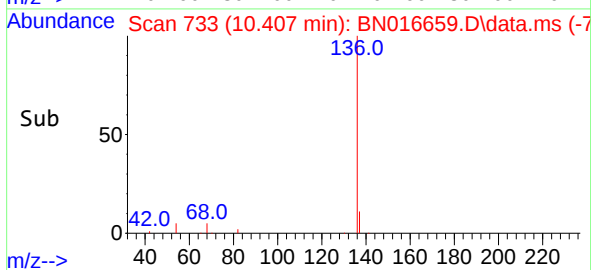
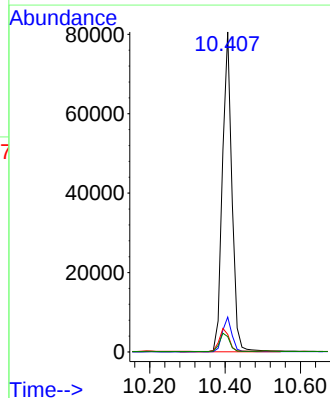
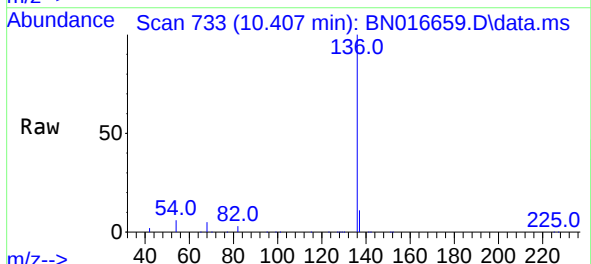
Instrument :
BNA_N
ClientSampleId :
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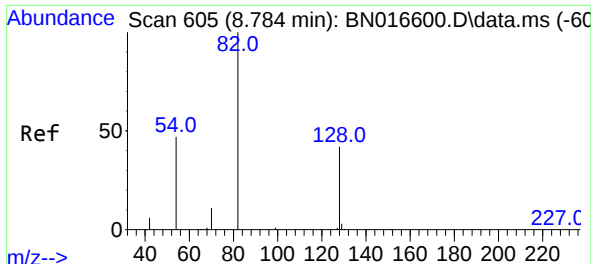
Tgt Ion:	93	Resp:	5148
Ion	Ratio	Lower	Upper
93	100		
63	74.0	59.1	88.7
95	32.2	26.2	39.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:	136	Resp:	141497
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.5	5.9	8.9#
68	4.8	5.0	7.6#

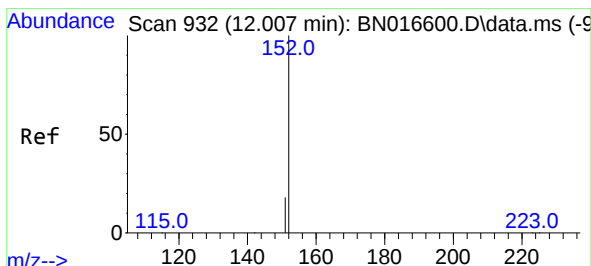
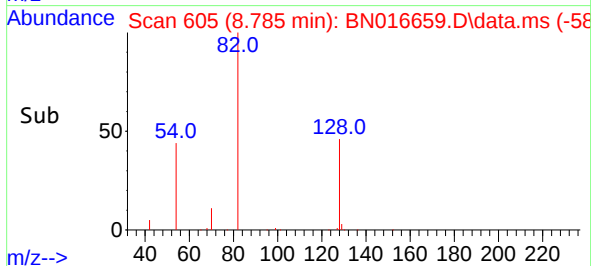
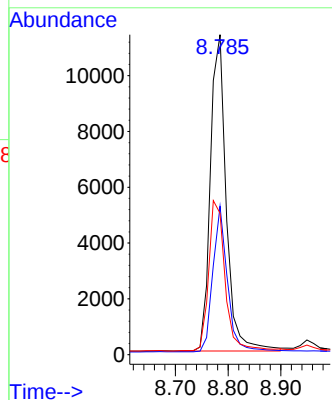
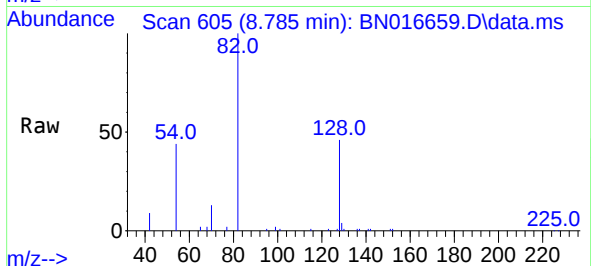




#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

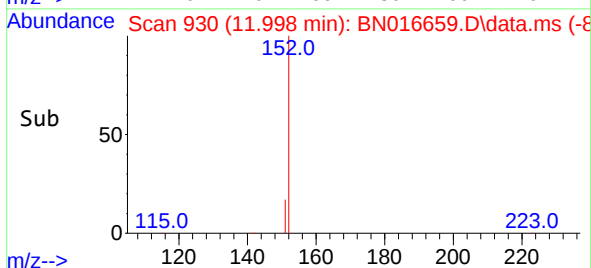
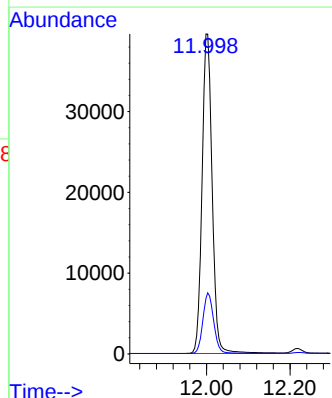
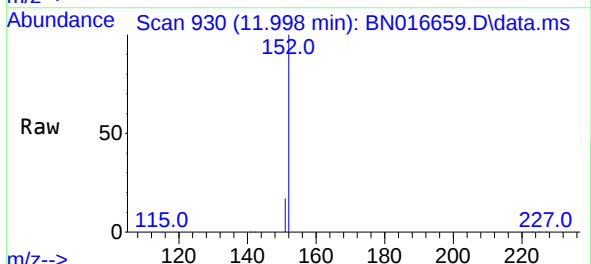
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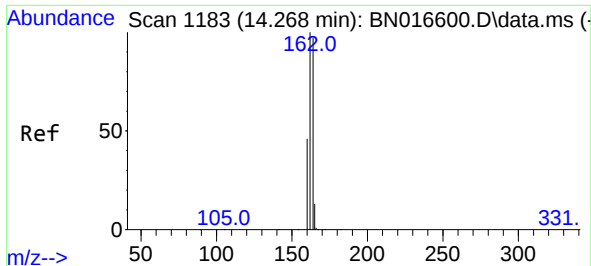
Tgt Ion:	82	Resp:	23662
Ion	Ratio	Lower	Upper
82	100		
128	46.4	33.6	50.4
54	44.2	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.998 min Scan# 930
Delta R.T. -0.008 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:	152	Resp:	66405
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

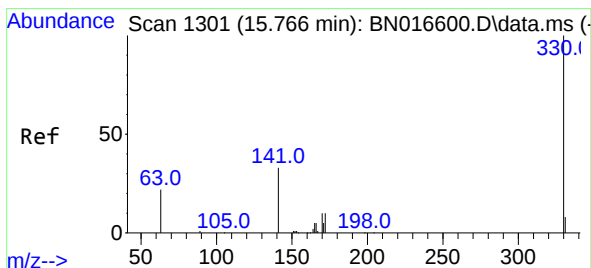
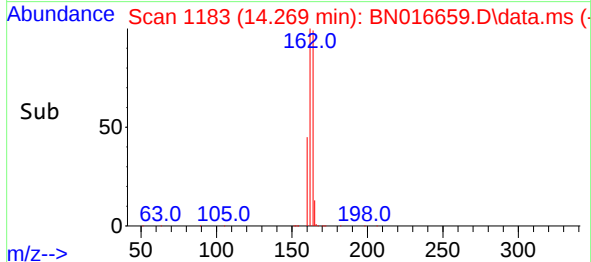
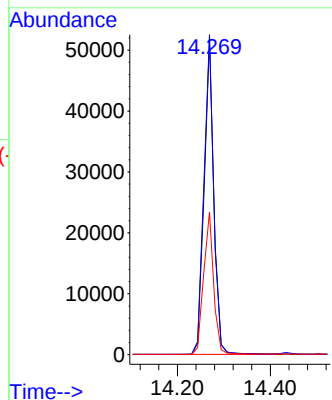
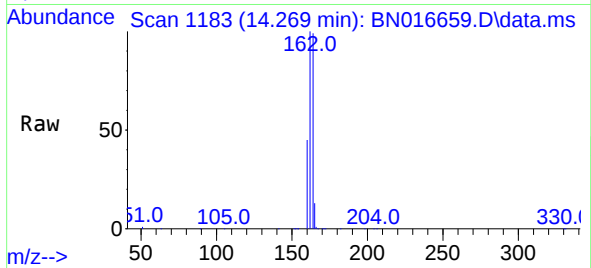




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

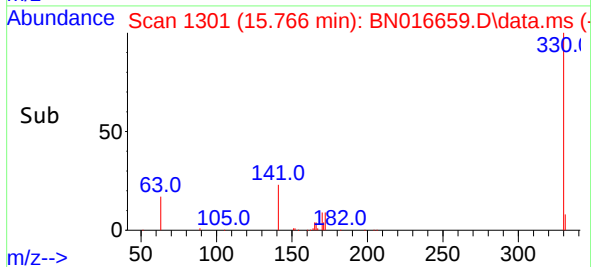
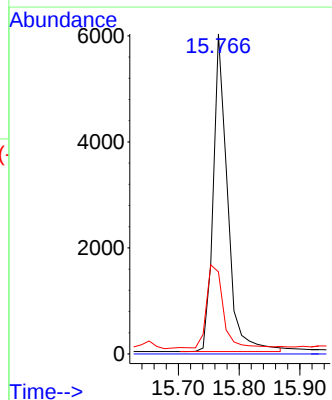
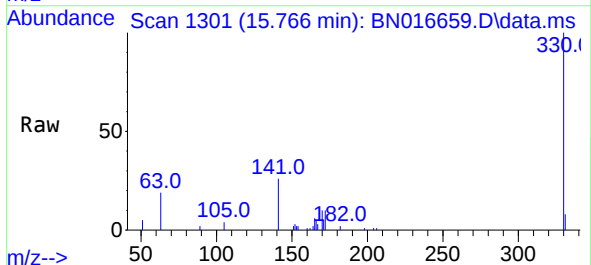
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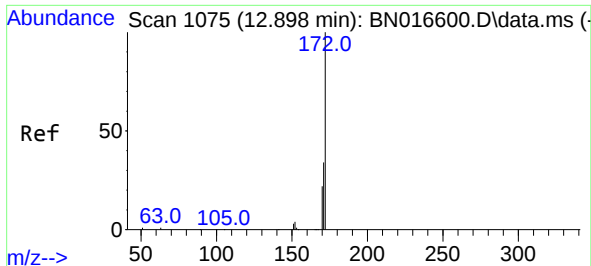
Tgt Ion:164 Resp: 75121
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.2 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:330 Resp: 9794
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.5 25.2 37.8

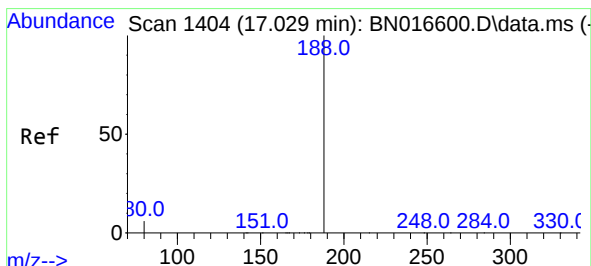
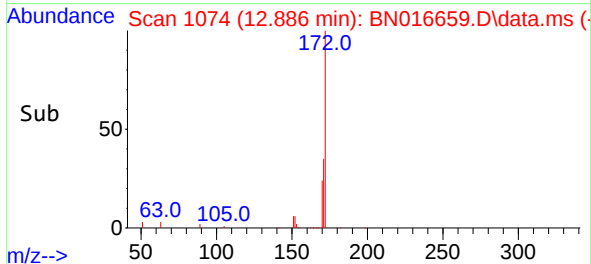
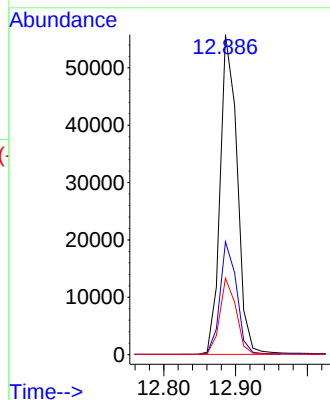
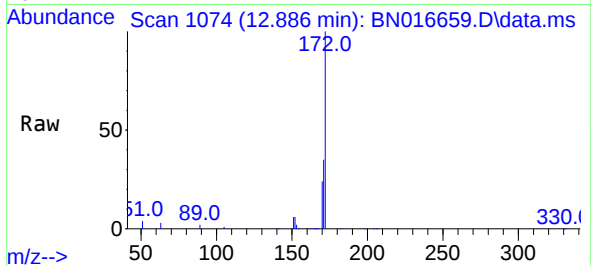




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

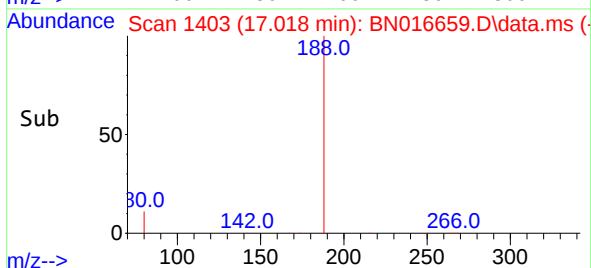
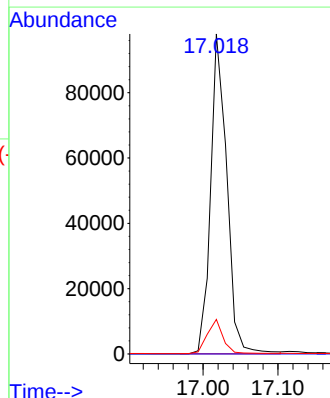
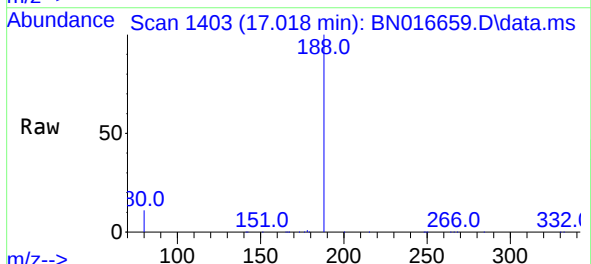
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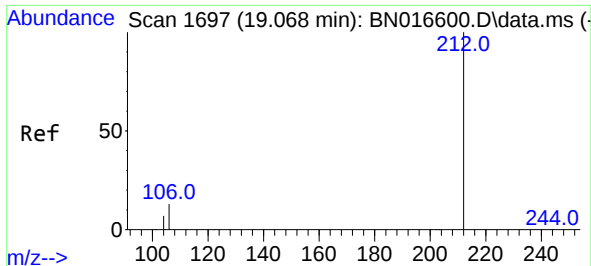
Tgt Ion:172	Resp:	92292
Ion Ratio	Lower	Upper
172	100	
171	35.3	27.0 40.4
170	23.9	17.4 26.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:188	Resp:	146959
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.8	5.0 7.6#

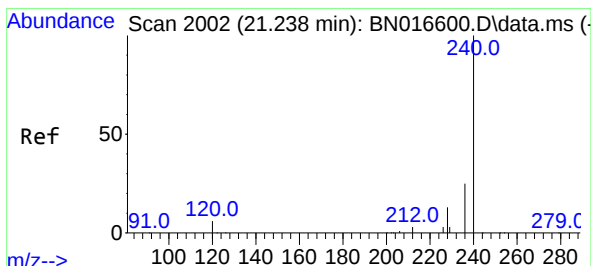
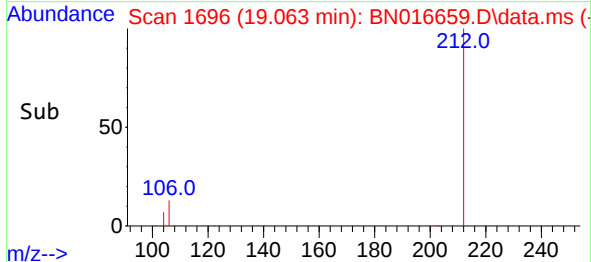
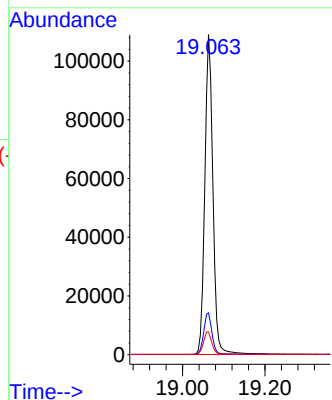
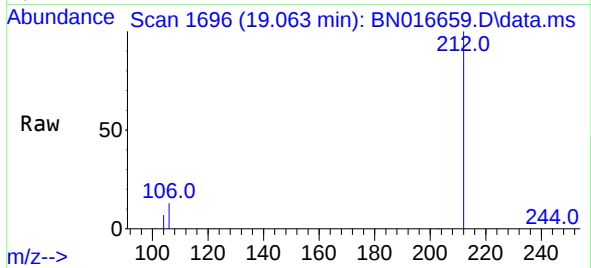




#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

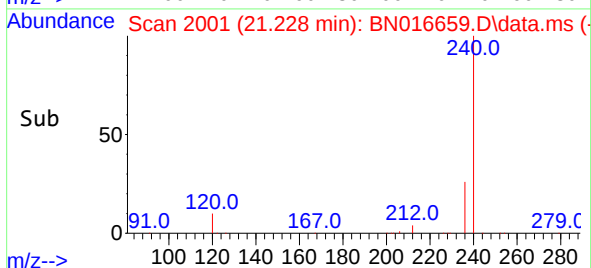
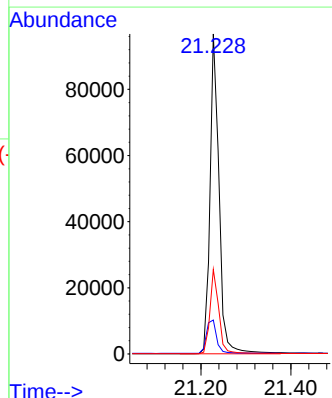
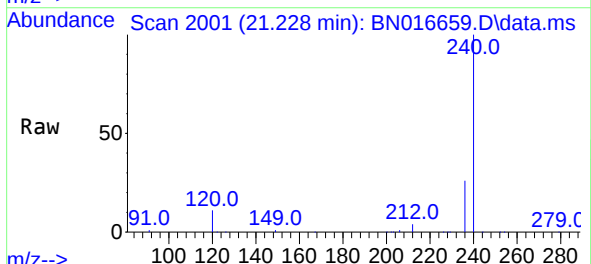
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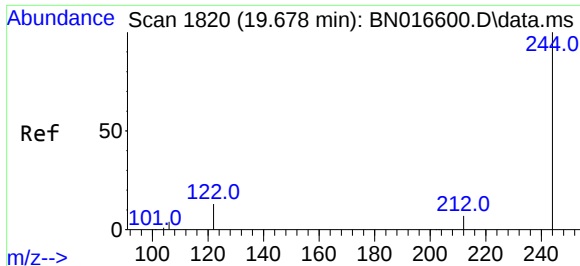
Tgt Ion:212 Resp: 149102
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.2 5.9 8.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.228 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016659.D
Acq: 02 Oct 2021 06:57

Tgt Ion:240 Resp: 134314
Ion Ratio Lower Upper
240 100
120 10.6 5.0 7.4#
236 26.4 20.4 30.6



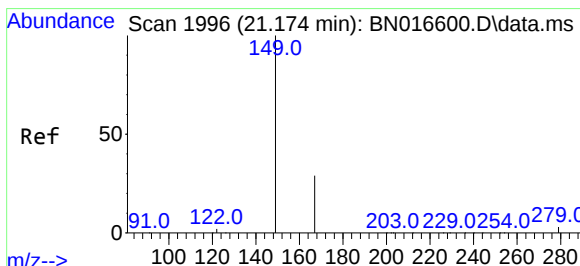
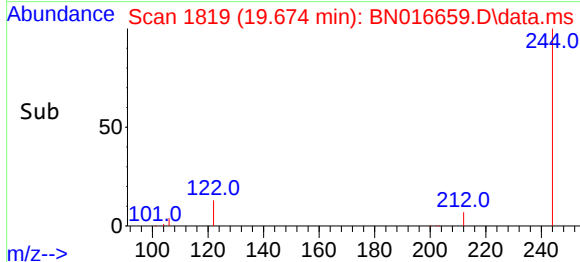
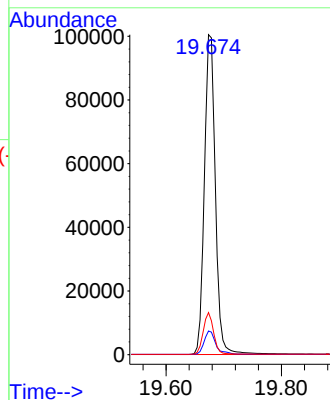
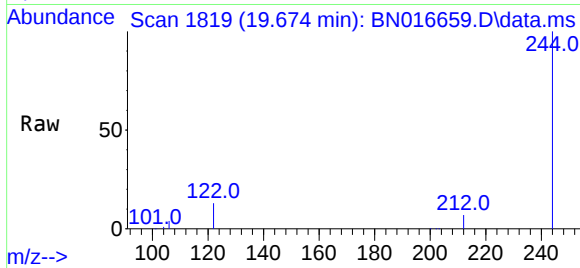


#31
 Terphenyl-d14
 Concen: 0.45 ng
 RT: 19.674 min Scan# 1819
 Delta R.T. -0.005 min
 Lab File: BN016659.D
 Acq: 02 Oct 2021 06:57

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20210917

Tgt Ion:244 Resp: 132809

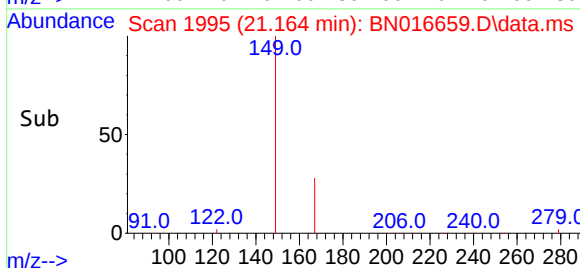
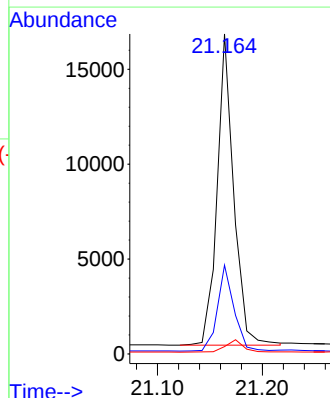
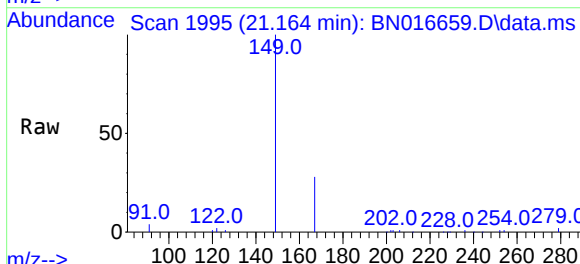
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.1	10.1	15.1

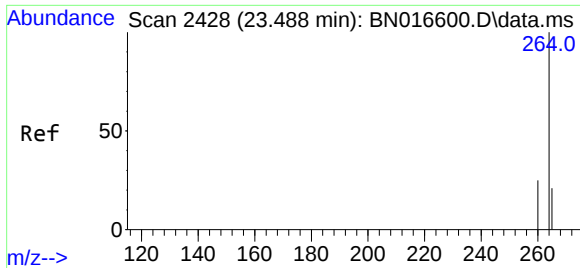


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.11 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016659.D
 Acq: 02 Oct 2021 06:57

Tgt Ion:149 Resp: 17953

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.4
279	4.4	3.2	4.8





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.006 min
 Lab File: BN016659.D
 Acq: 02 Oct 2021 06:57

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20210917

Tgt Ion:264 Resp: 139014

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	22.9	19.2	28.8

