

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014102.D
 Acq On : 25 Mar 2021 11:22
 Operator : CG/JU
 Sample : M1788-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20210322

Quant Time: Mar 25 11:55:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

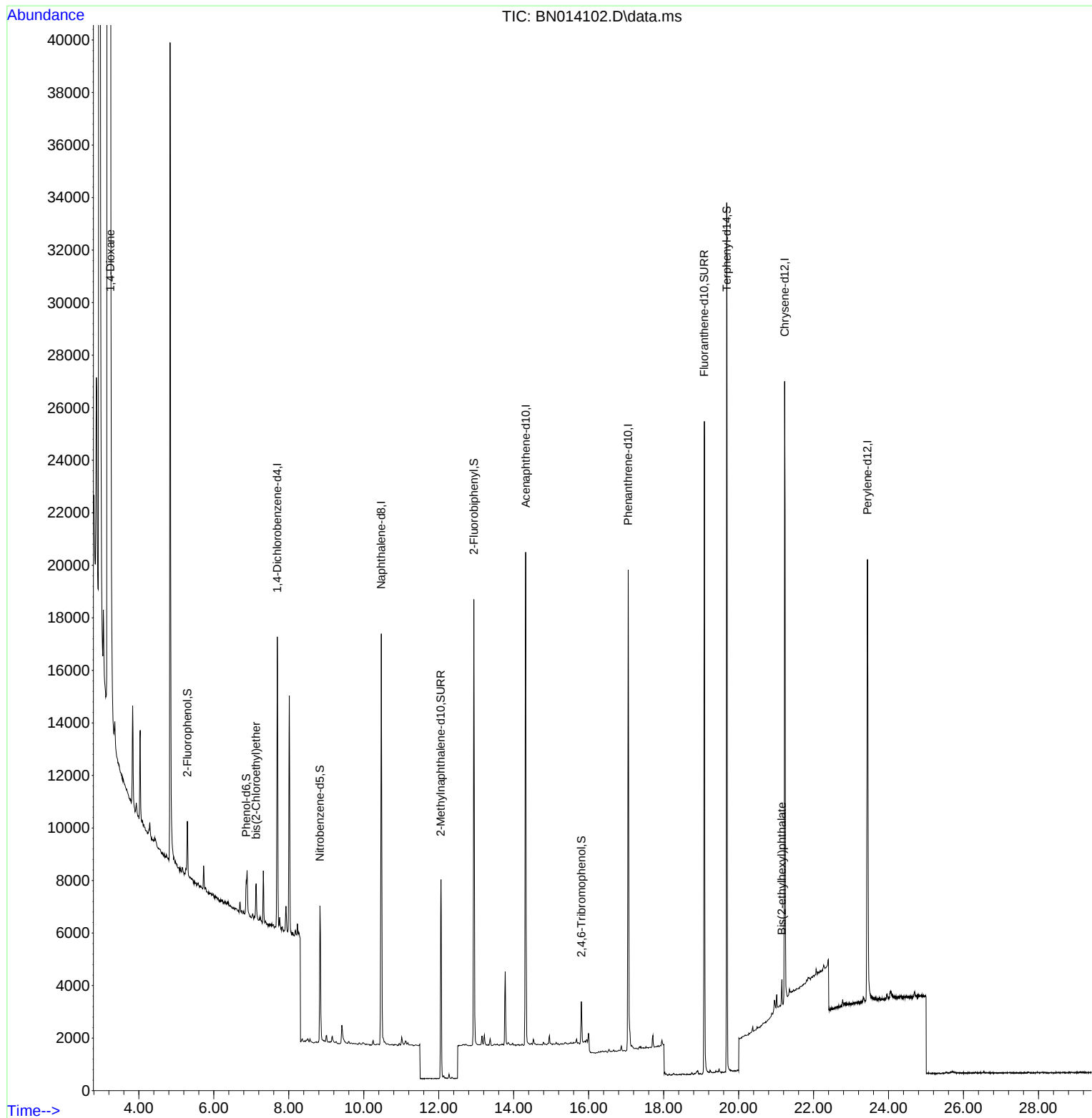
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5246	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	19808	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	11150	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	23895	0.40	ng	-0.01
29) Chrysene-d12	21.229	240	23645	0.40	ng	-0.01
36) Perylene-d12	23.438	264	22454	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1563	0.13	ng	0.00
5) Phenol-d6	6.863	99	1054	0.07	ng	0.00
8) Nitrobenzene-d5	8.832	82	4495	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.057	152	10242	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1152	0.32	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	14495	0.35	ng	-0.01
27) Fluoranthene-d10	19.084	212	28818	0.43	ng	0.00
31) Terphenyl-d14	19.685	244	32697	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	18996	2.75	ng	# 66
6) bis(2-Chloroethyl)ether	7.128	93	1123	0.08	ng	97
34) Bis(2-ethylhexyl)phtha...	21.154	149	996	0.04	ng	# 94

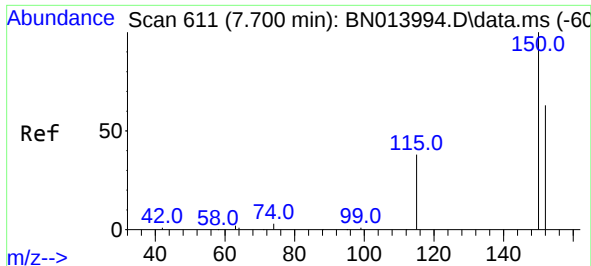
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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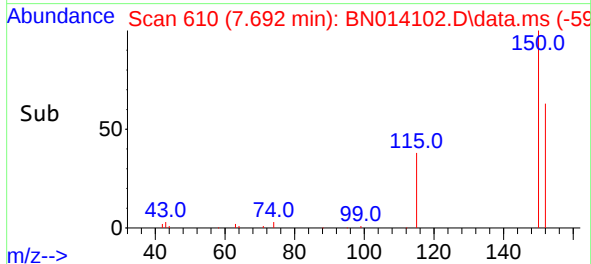
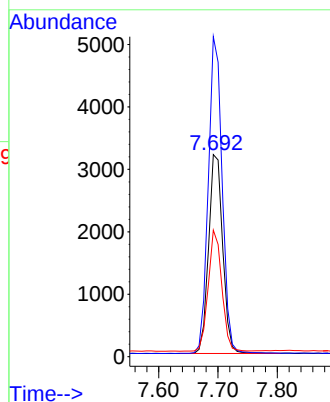
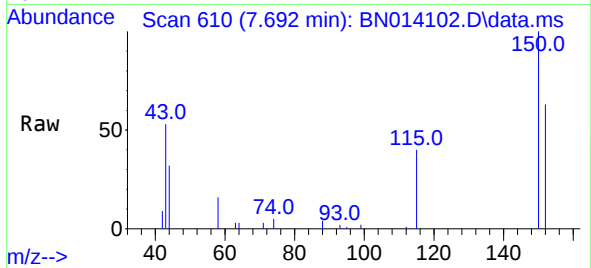




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. -0.008 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

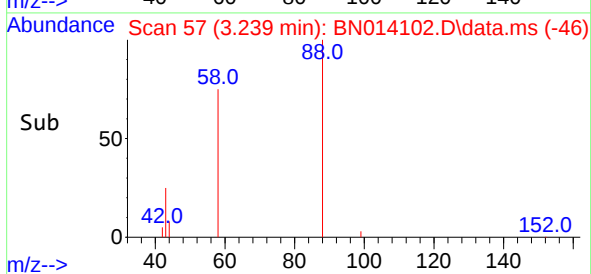
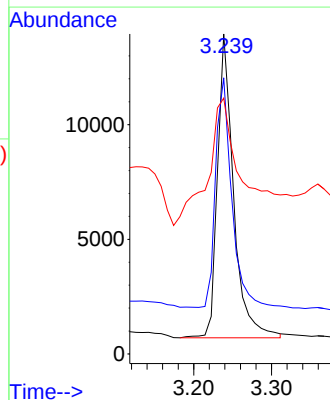
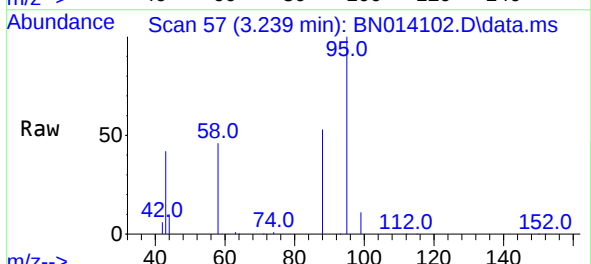
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210322

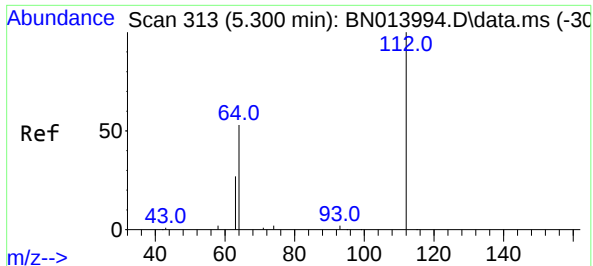
Tgt Ion:152 Resp: 5246
Ion Ratio Lower Upper
152 100
150 158.3 121.8 182.8
115 62.6 46.6 69.8



#2
1,4-Dioxane
Concen: 2.75 ng
RT: 3.239 min Scan# 57
Delta R.T. -0.008 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

Tgt Ion: 88 Resp: 18996
Ion Ratio Lower Upper
88 100
58 75.7 64.6 96.8
43 90.8 26.6 40.0#

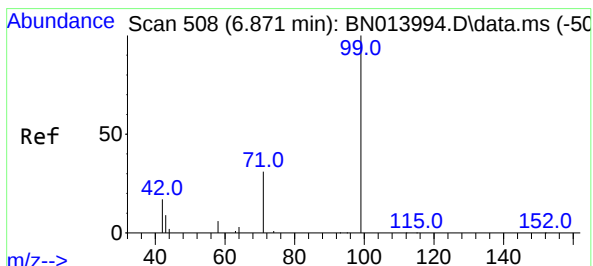
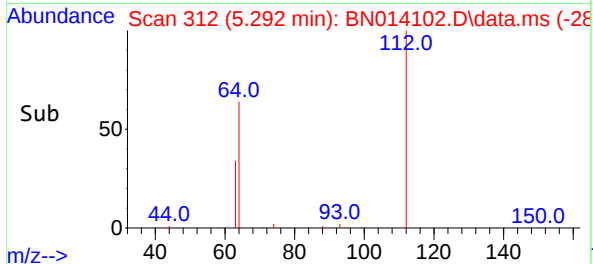
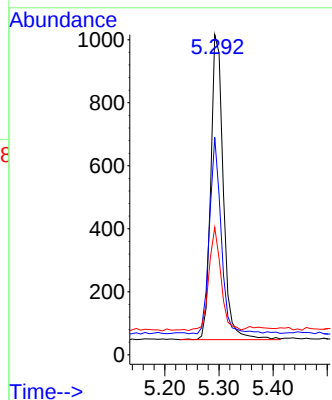
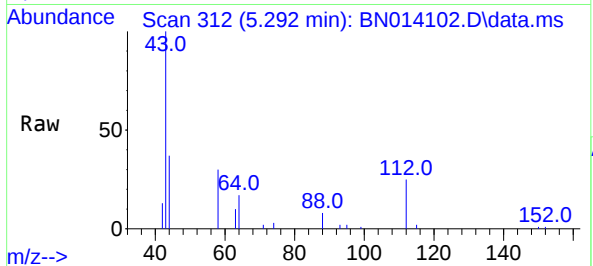




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

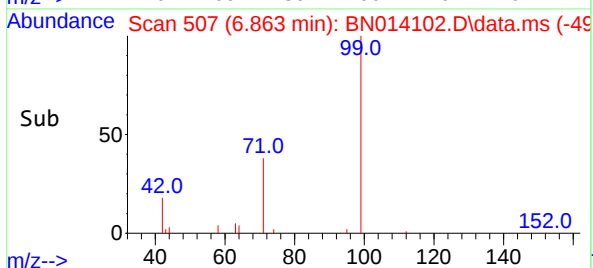
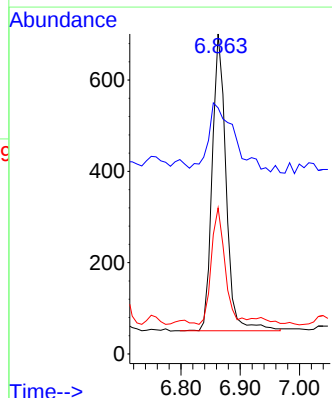
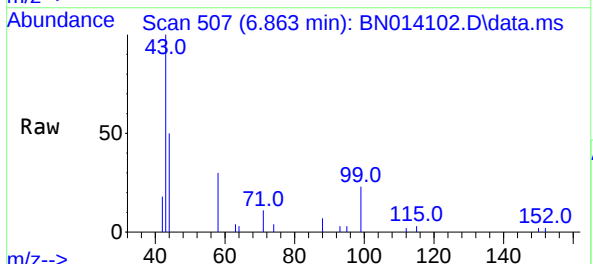
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210322

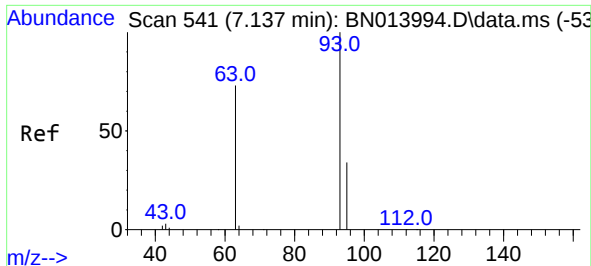
Tgt Ion:	112	Resp:	1563
Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.3	66.5
63	32.3	23.0	34.6



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

Tgt Ion:	99	Resp:	1054
Ion	Ratio	Lower	Upper
99	100		
42	43.6	15.2	22.8#
71	38.8	26.1	39.1

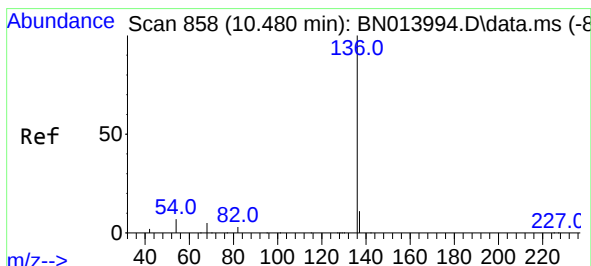
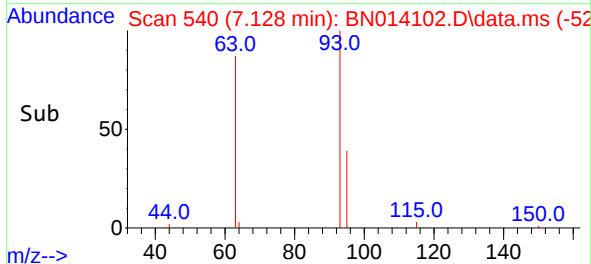
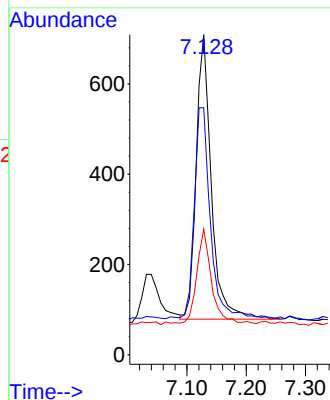
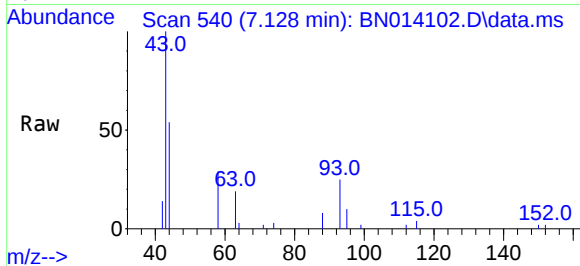




#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.128 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

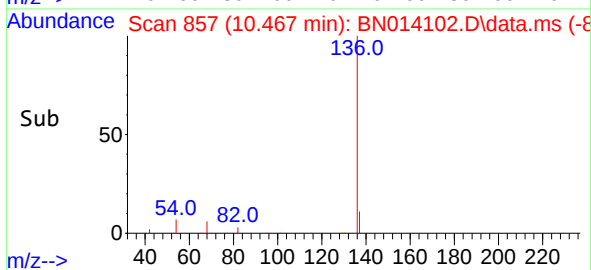
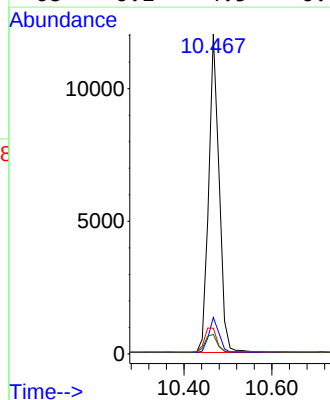
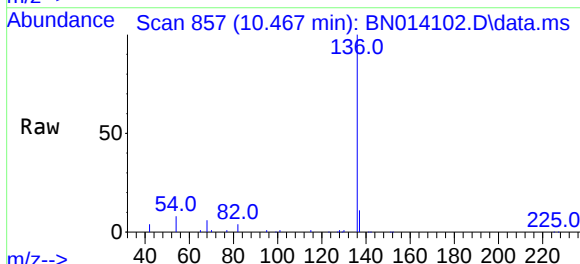
Instrument :
BNA_N
ClientSampleId :
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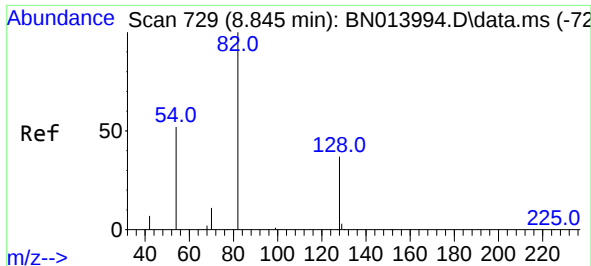
Tgt Ion: 93	Resp: 1123
Ion Ratio	Lower Upper
93 100	
63 79.0	60.8 91.2
95 33.2	26.0 39.0



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

Tgt Ion:136	Resp: 19808
Ion Ratio	Lower Upper
136 100	
137 11.4	9.0 13.6
54 8.1	6.4 9.6
68 6.1	4.5 6.7

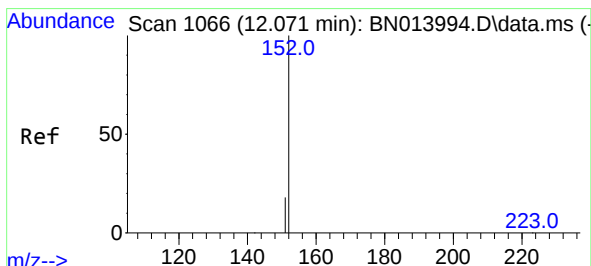
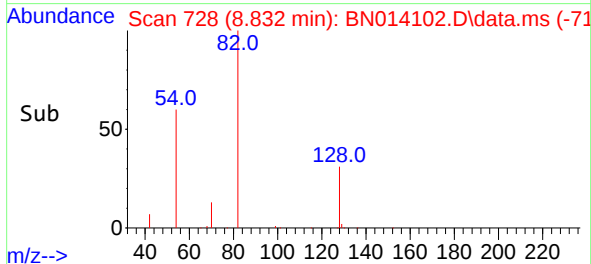
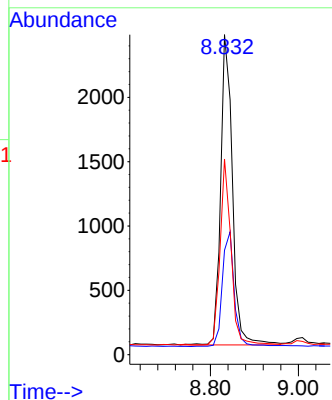
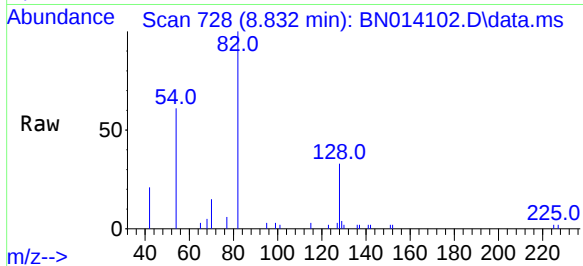




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

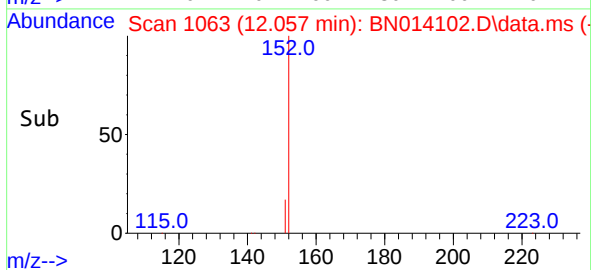
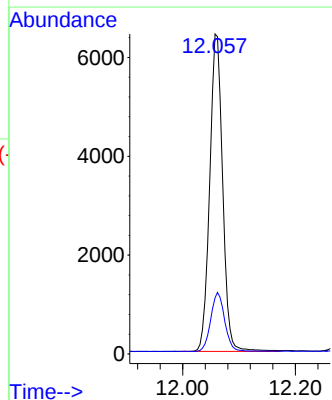
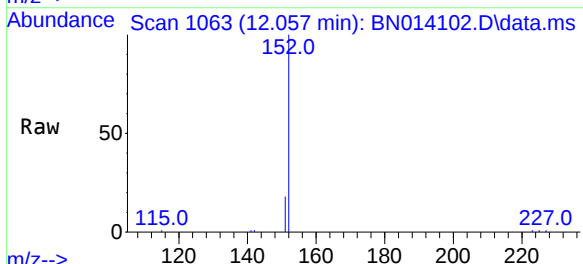
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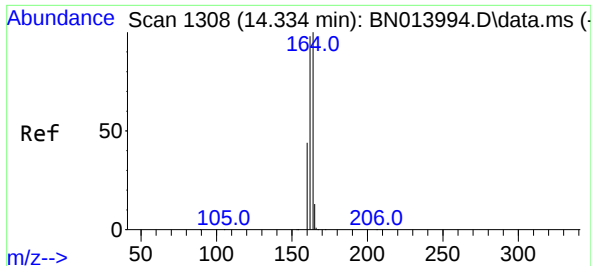
Tgt Ion: 82 Resp: 4495
Ion Ratio Lower Upper
82 100
128 32.6 39.2 58.8#
54 61.2 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.009 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

Tgt Ion: 152 Resp: 10242
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2

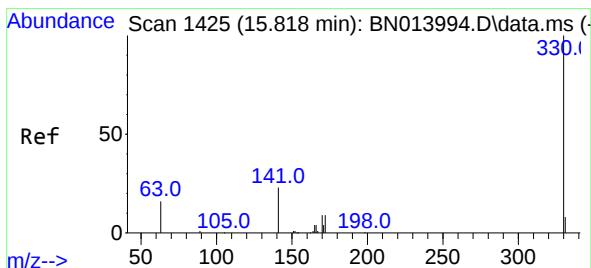
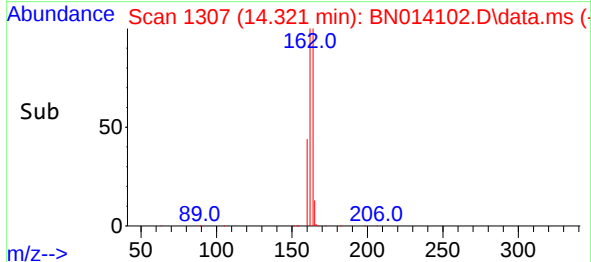
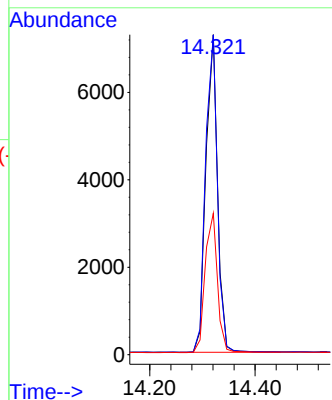
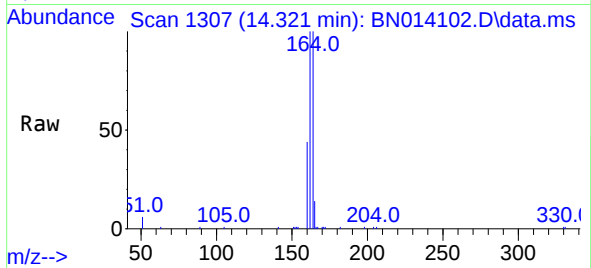




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

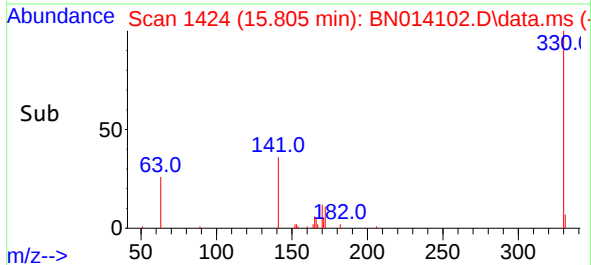
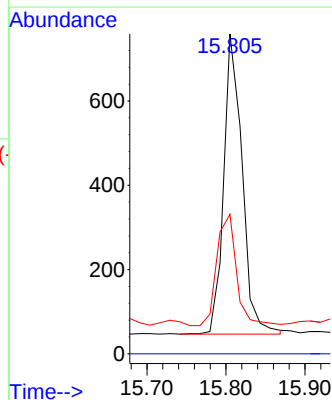
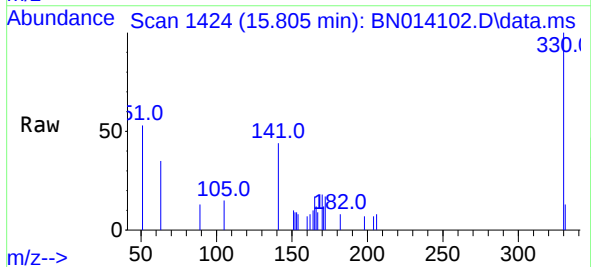
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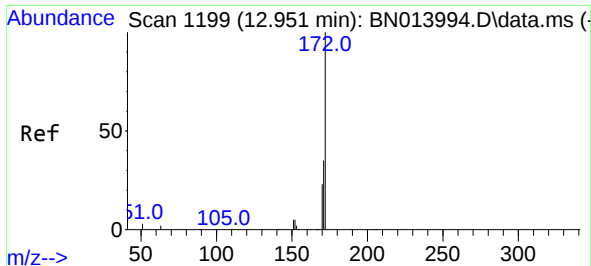
Tgt Ion:164 Resp: 11150
Ion Ratio Lower Upper
164 100
162 99.9 79.6 119.4
160 44.2 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

Tgt Ion:330 Resp: 1152
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.8 26.8 40.2

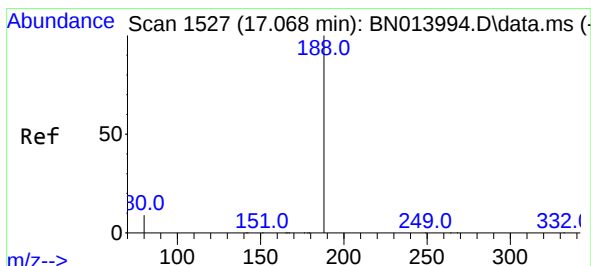
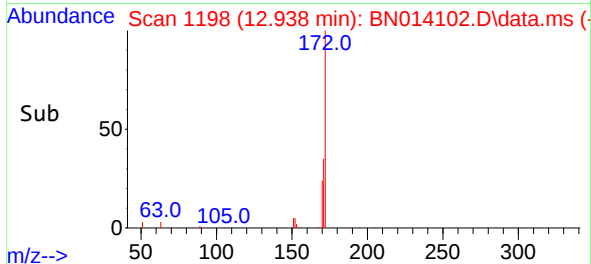
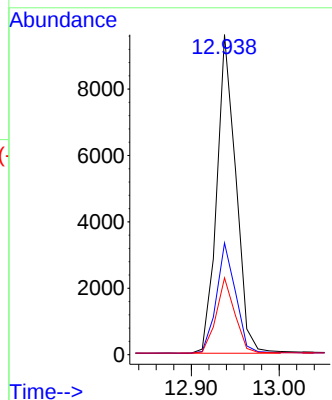
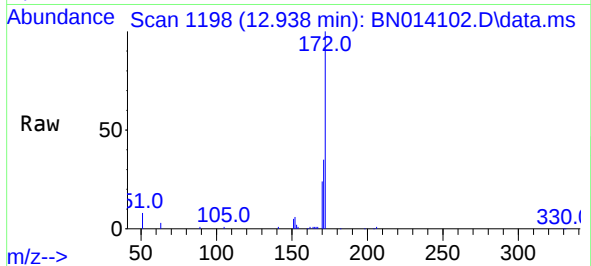




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

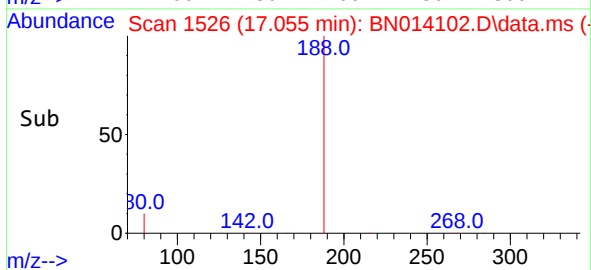
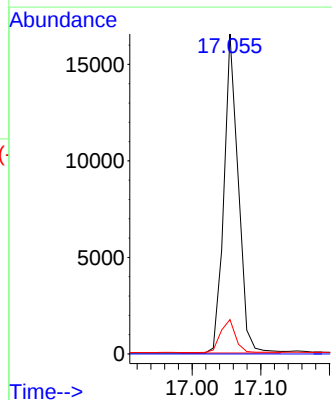
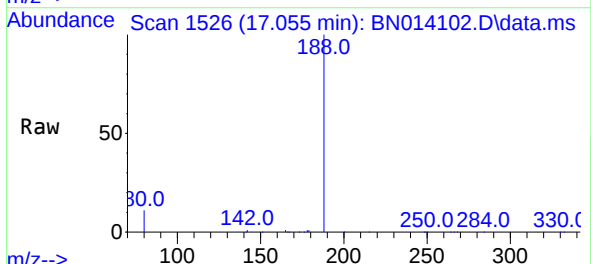
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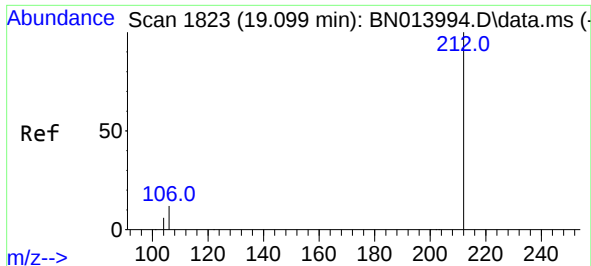
Tgt Ion:	172	Resp:	14495
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	42.8
170	24.0	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

Tgt Ion:	188	Resp:	23895
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.7	9.0	13.6

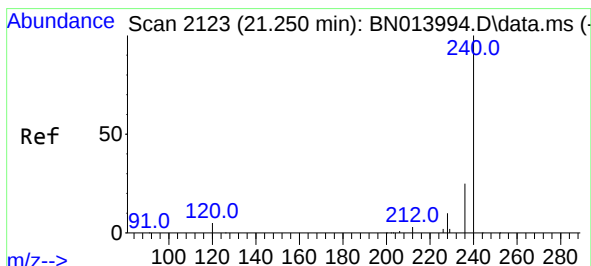
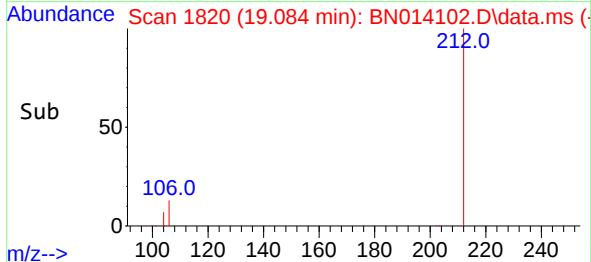
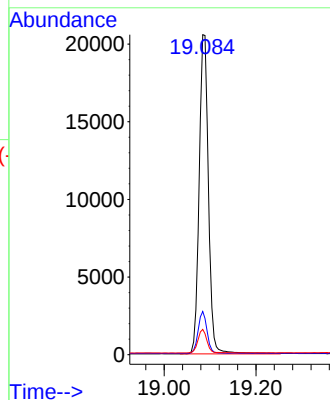
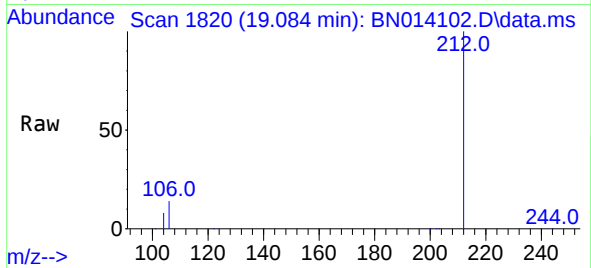




#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.084 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

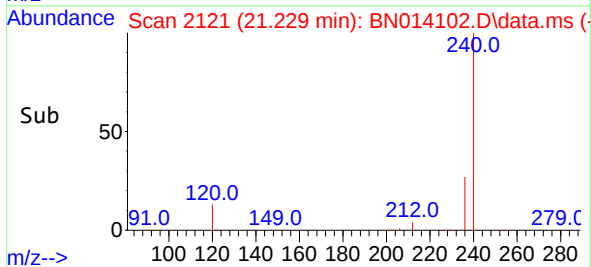
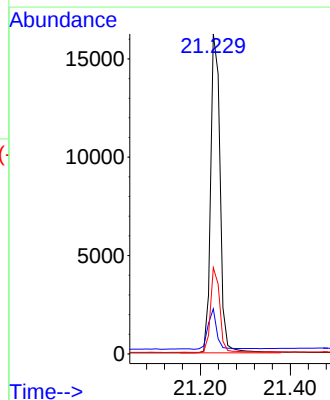
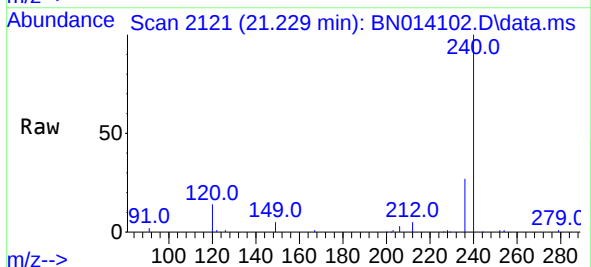
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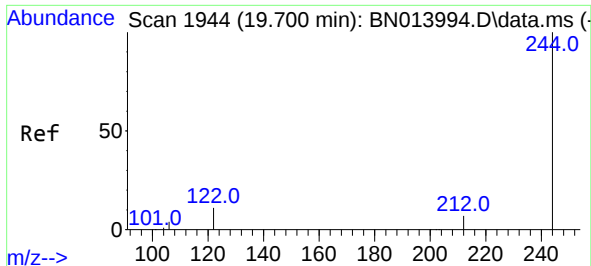
Tgt Ion:212 Resp: 28818
Ion Ratio Lower Upper
212 100
106 12.6 9.7 14.5
104 7.2 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

Tgt Ion:240 Resp: 23645
Ion Ratio Lower Upper
240 100
120 14.1 10.2 15.4
236 27.0 21.3 31.9

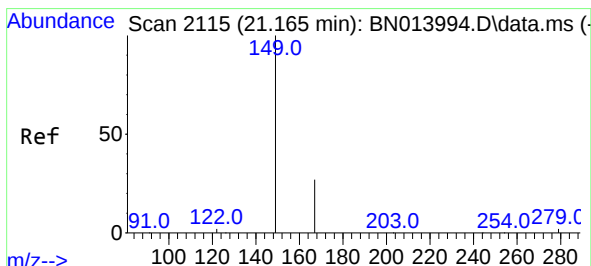
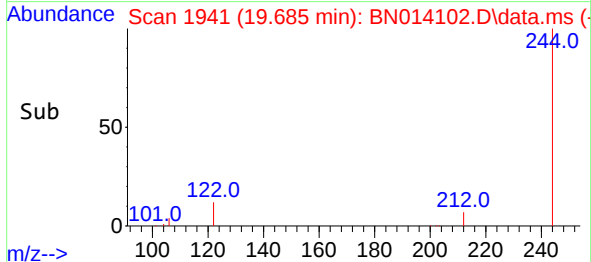
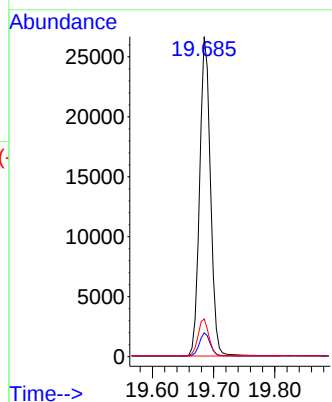
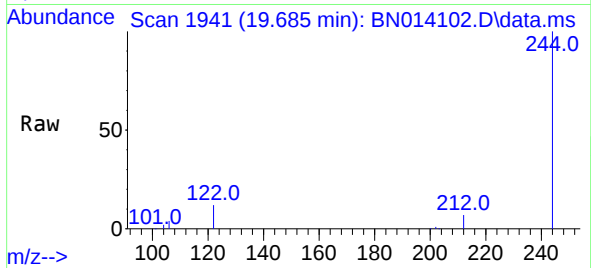




#31
Terphenyl-d14
Concen: 0.63 ng
RT: 19.685 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

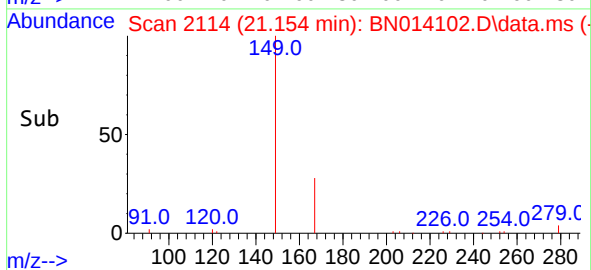
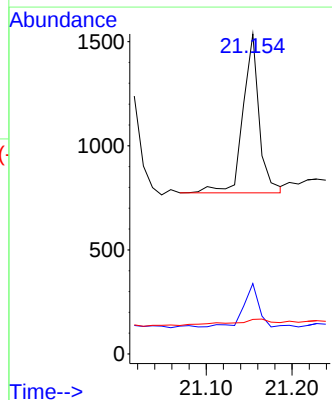
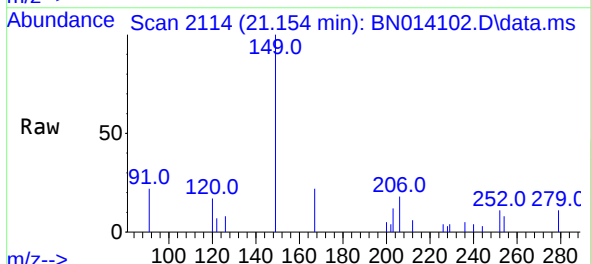
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210322

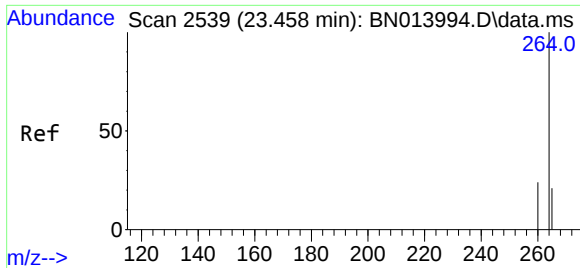
Tgt Ion:244 Resp: 32697
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 11.8 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

Tgt Ion:149 Resp: 996
Ion Ratio Lower Upper
149 100
167 25.3 22.1 33.1
279 10.1 3.5 5.3#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.438 min Scan# 2533
Delta R.T. -0.010 min
Lab File: BN014102.D
Acq: 25 Mar 2021 11:22

Instrument :
BNA_N
ClientSampleId :
RE108D2-20210322

Tgt Ion:264	Resp:	22454
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.3 28.9
265	34.8	66.2 99.4#

