

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014087.D
 Acq On : 25 Mar 2021 01:10
 Operator : CG/JU
 Sample : M1787-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20210318

Quant Time: Mar 25 05:39:08 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)

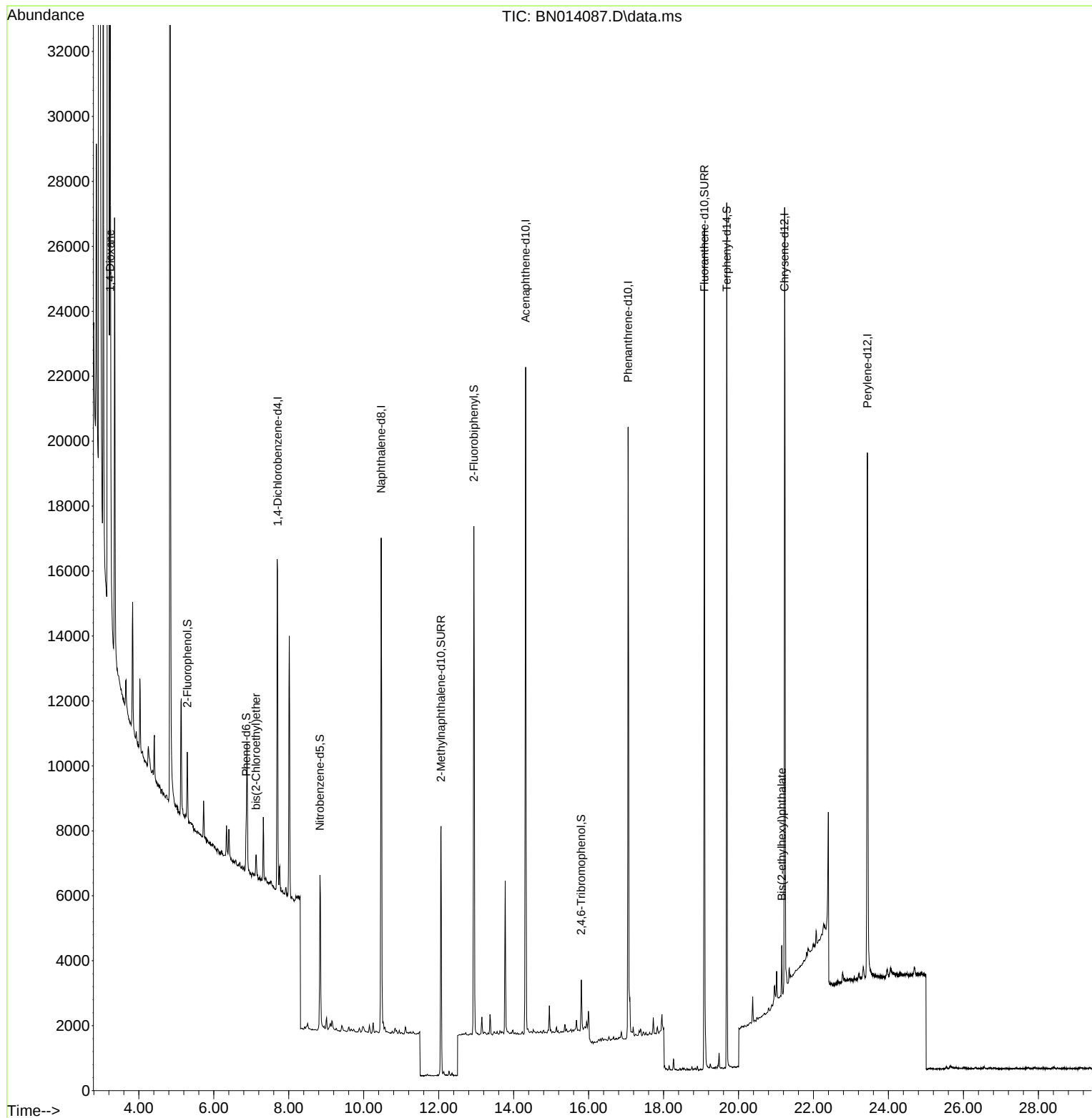
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5042	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	19715	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	11413	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	24993	0.40	ng	-0.01
29) Chrysene-d12	21.229	240	24541	0.40	ng	-0.01
36) Perylene-d12	23.438	264	21937	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1577	0.14	ng	0.00
5) Phenol-d6	6.863	99	1149	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	4185	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	10424	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1088	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	13961	0.33	ng	-0.01
27) Fluoranthene-d10	19.089	212	29333	0.42	ng	0.00
31) Terphenyl-d14	19.685	244	26644	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.230	88	21017	3.16	ng	# 96
6) bis(2-Chloroethyl)ether	7.128	93	515	0.04	ng	87
34) Bis(2-ethylhexyl)phtha...	21.154	149	1452	0.06	ng	95

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

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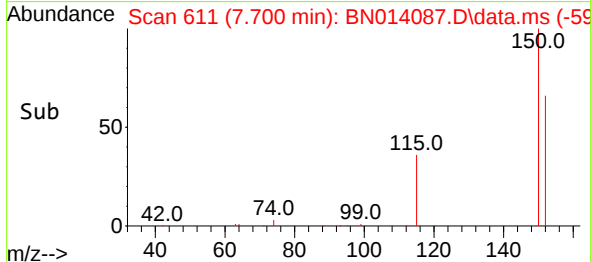
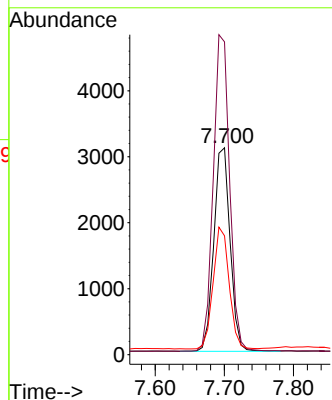
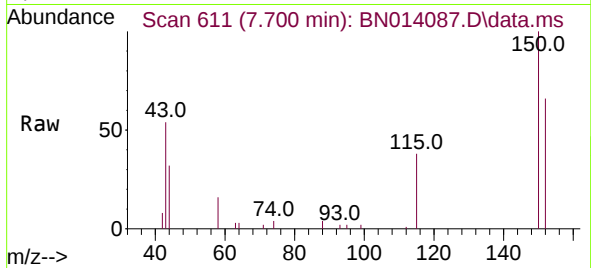




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014087.D
 Acq: 25 Mar 2021 01:10

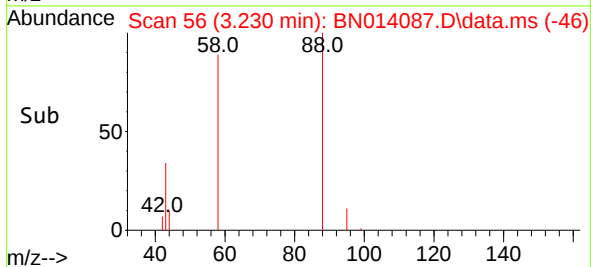
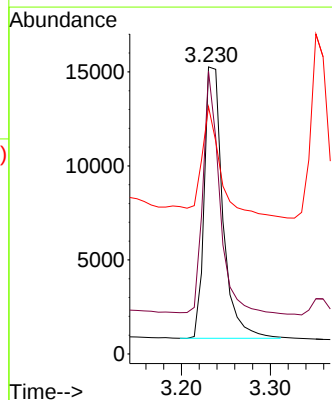
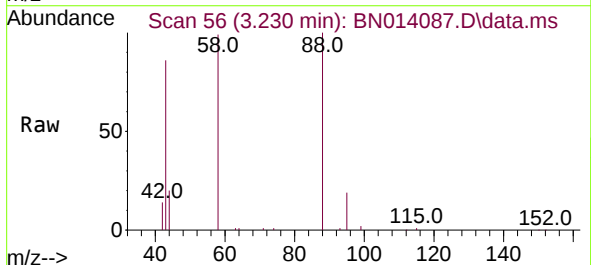
Instrument :
 BNA_N
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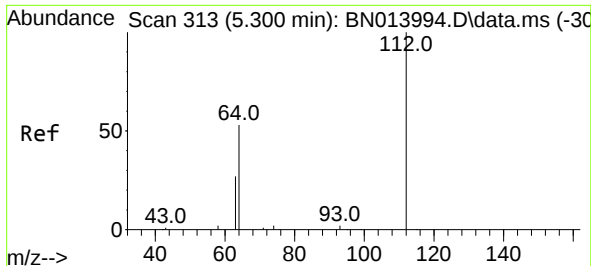
Tgt Ion:152 Resp: 5042
 Ion Ratio Lower Upper
 152 100
 150 151.2 121.8 182.8
 115 57.4 46.6 69.8



#2
 1,4-Dioxane
 Concen: 3.16 ng
 RT: 3.230 min Scan# 56
 Delta R.T. -0.016 min
 Lab File: BN014087.D
 Acq: 25 Mar 2021 01:10

Tgt Ion: 88 Resp: 21017
 Ion Ratio Lower Upper
 88 100
 58 79.4 64.6 96.8
 43 40.1 26.6 40.0#

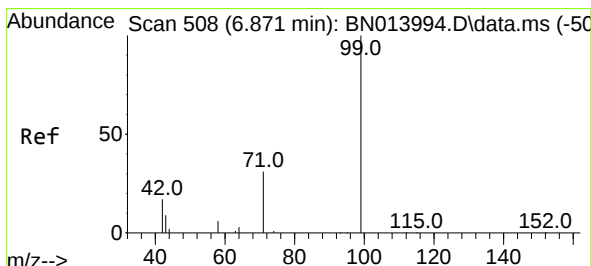
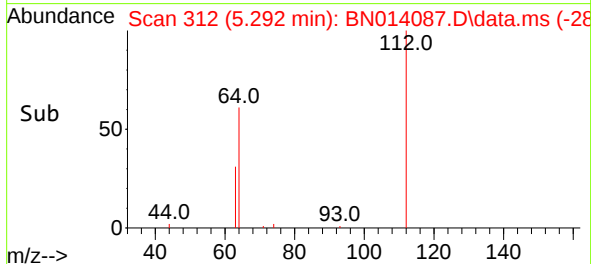
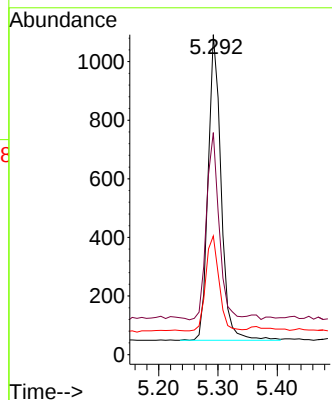
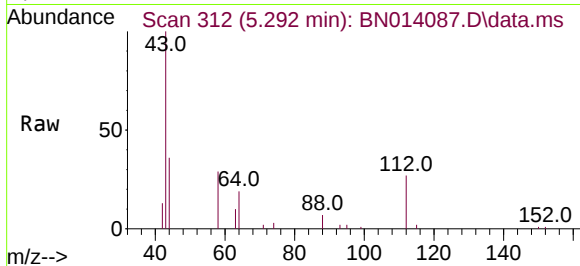




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

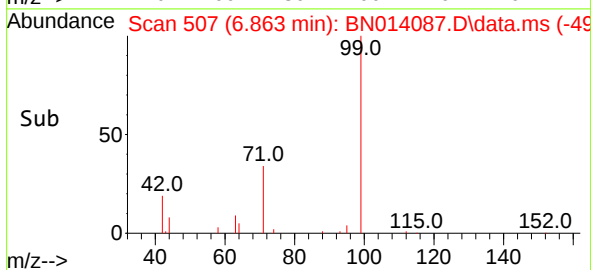
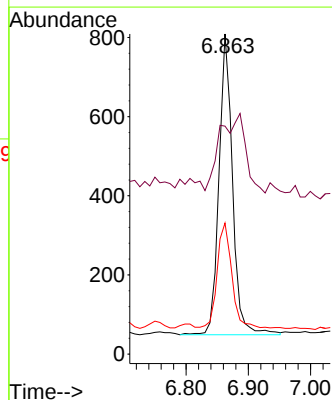
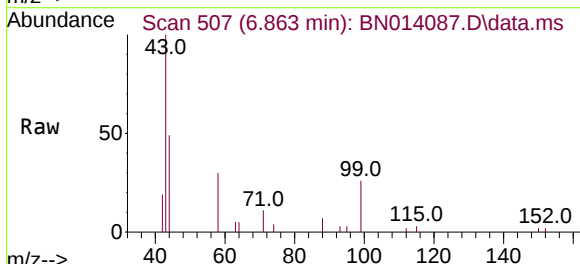
Instrument :
BNA_N
ClientSampleId :
TT180D2-20210318

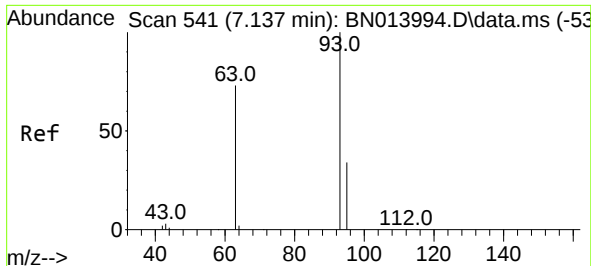
Tgt Ion:112 Resp: 1577
Ion Ratio Lower Upper
112 100
64 59.9 44.3 66.5
63 31.9 23.0 34.6



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

Tgt Ion: 99 Resp: 1149
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 38.0 26.1 39.1

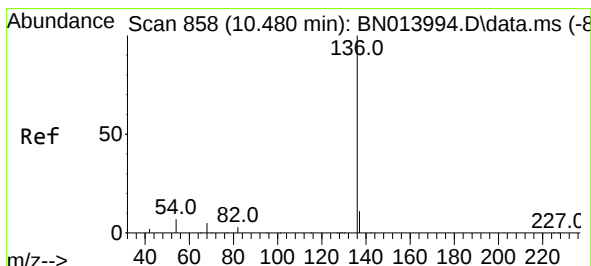
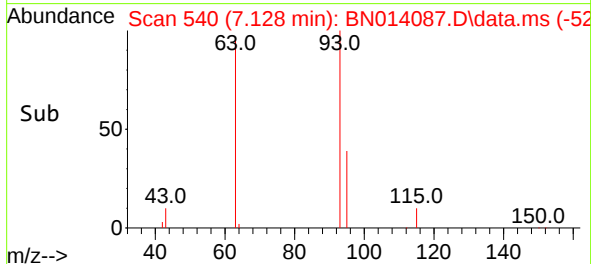
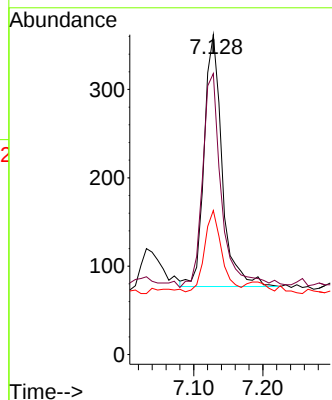
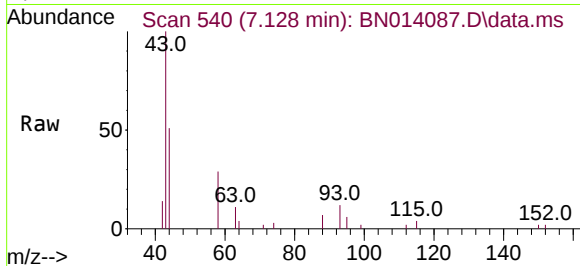




#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.128 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

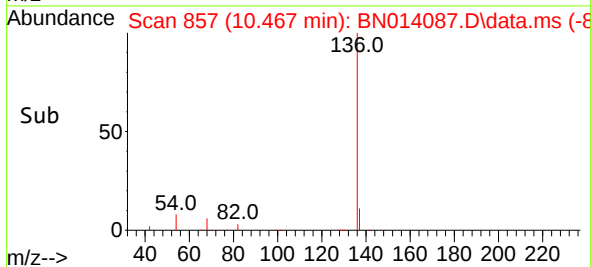
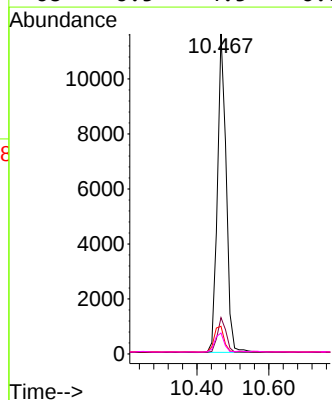
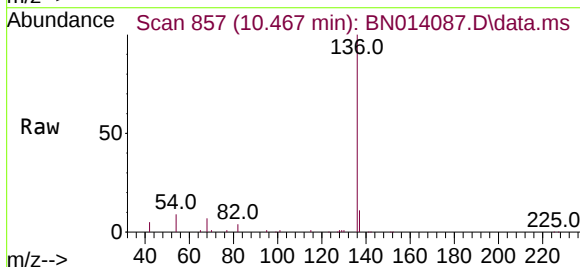
Instrument :
BNA_N
ClientSampleId :
TT180D2-20210318

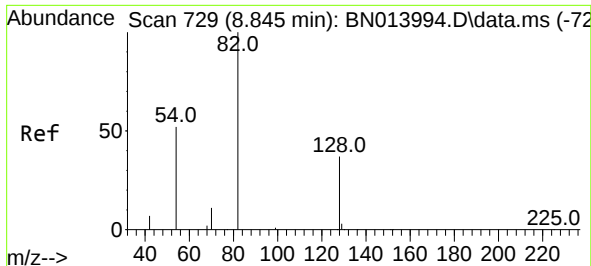
Tgt Ion:	93	Resp:	515
Ion	Ratio	Lower	Upper
93	100		
63	90.9	60.8	91.2
95	30.7	26.0	39.0



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

Tgt Ion:	136	Resp:	19715
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.6	6.4	9.6
68	6.5	4.5	6.7

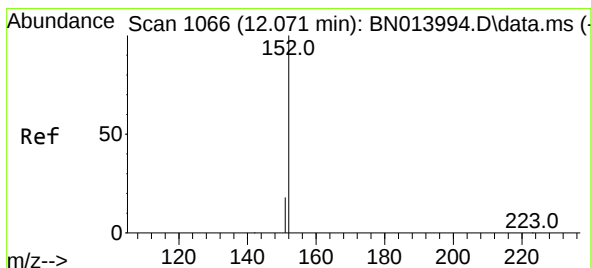
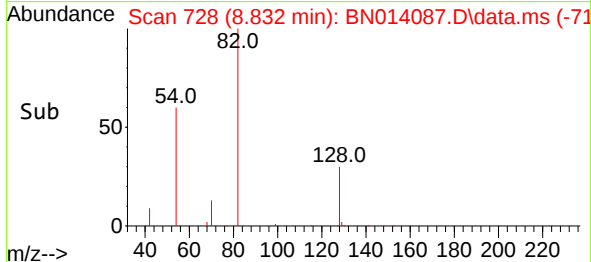
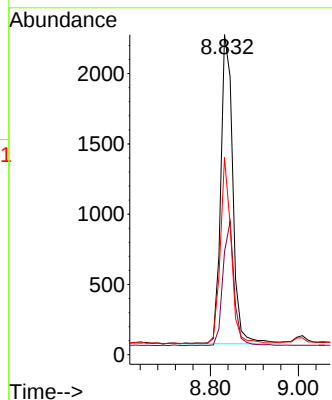
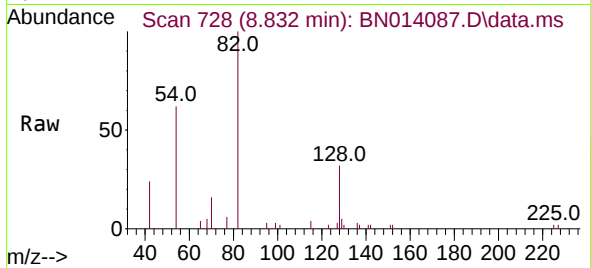




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

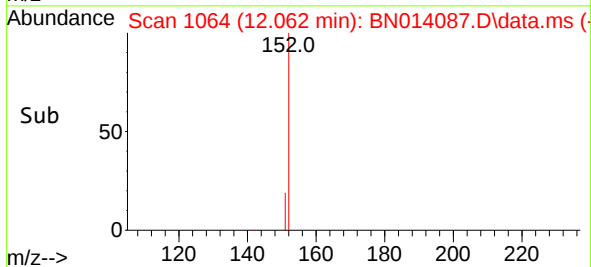
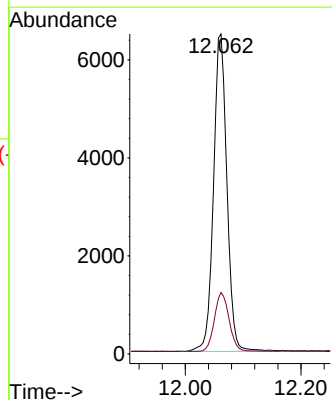
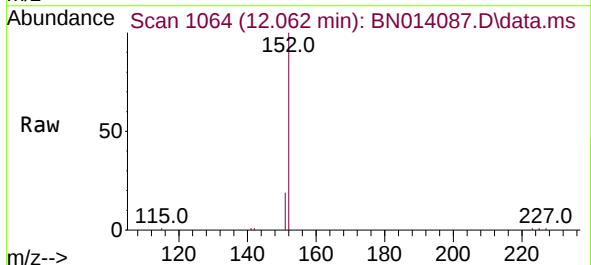
Instrument :
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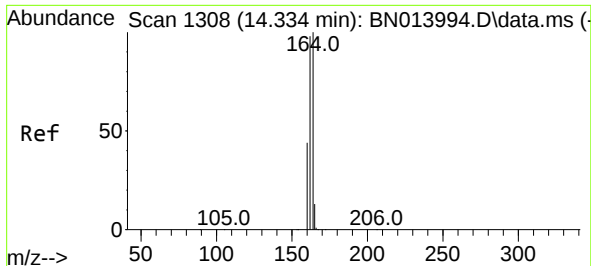
Tgt Ion: 82 Resp: 4185
Ion Ratio Lower Upper
82 100
128 32.1 39.2 58.8#
54 61.6 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

Tgt Ion: 152 Resp: 10424
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

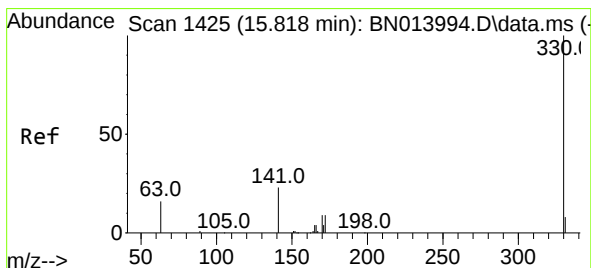
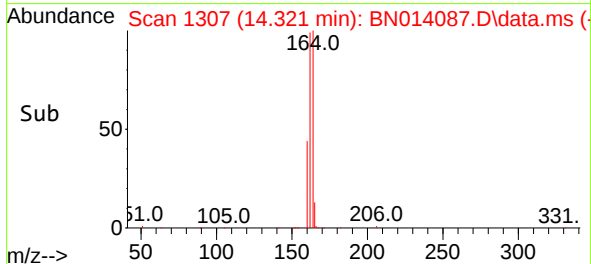
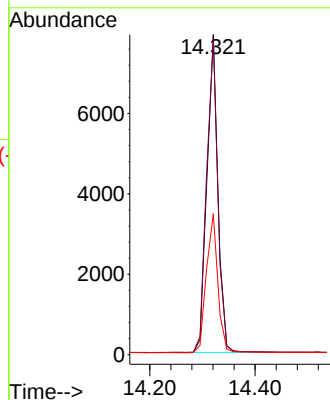
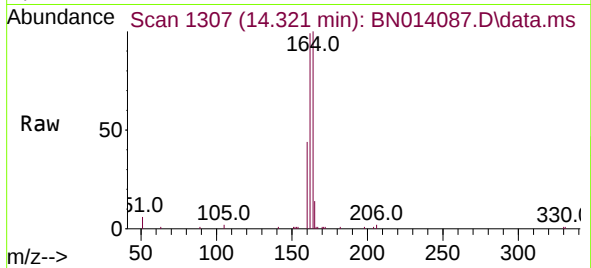




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

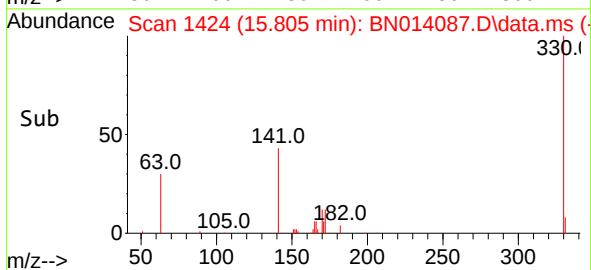
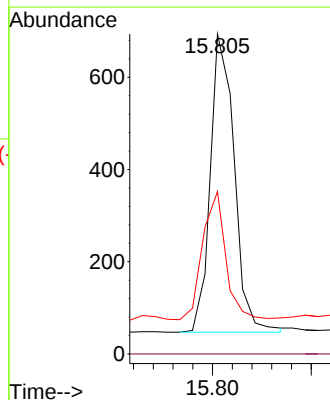
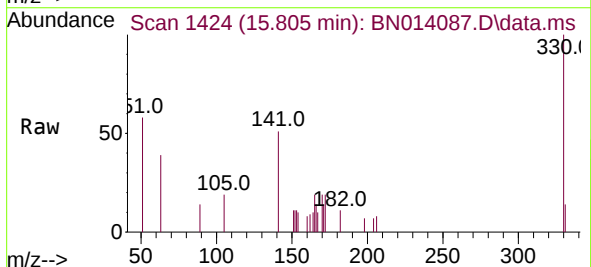
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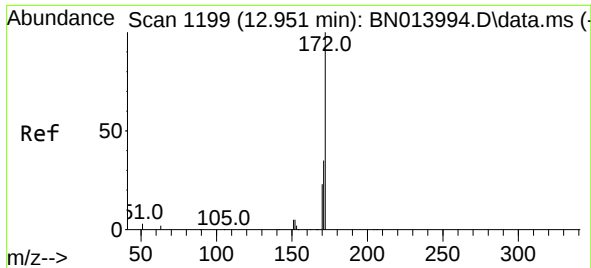
Tgt Ion:164 Resp: 11413
Ion Ratio Lower Upper
164 100
162 98.6 79.6 119.4
160 44.1 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

Tgt Ion:330 Resp: 1088
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.5 26.8 40.2#

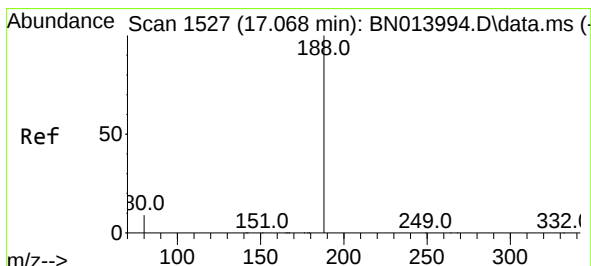
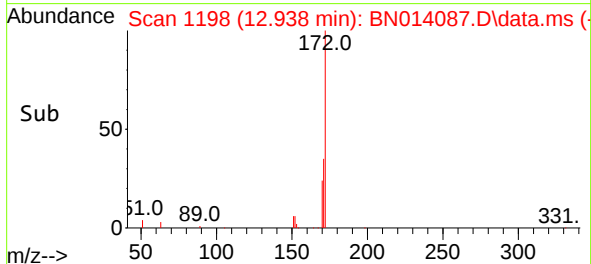
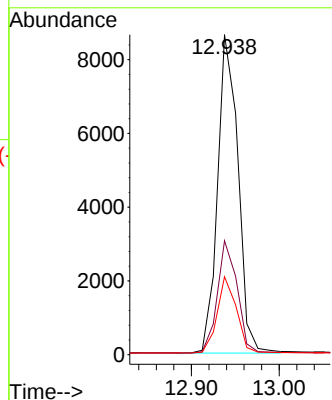
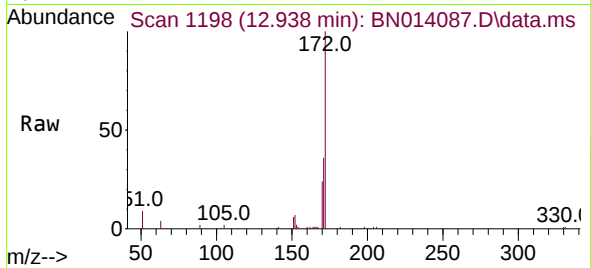




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

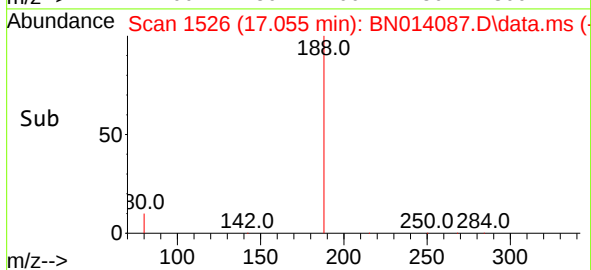
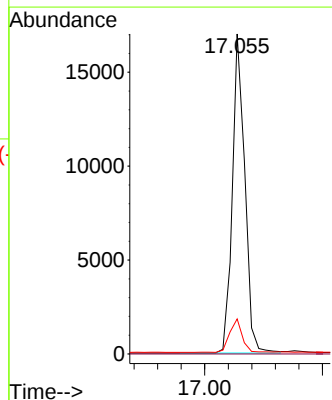
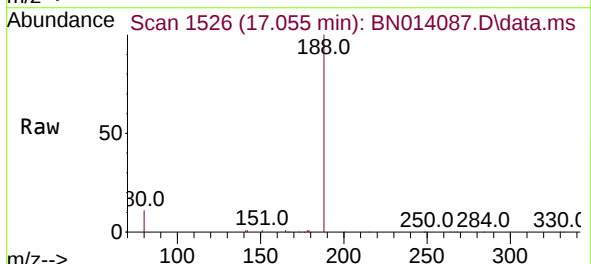
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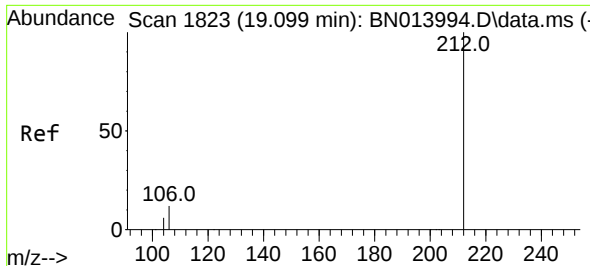
Tgt Ion:	172	Resp:	13961
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	42.8
170	24.3	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

Tgt Ion:	188	Resp:	24993
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.9	9.0	13.6

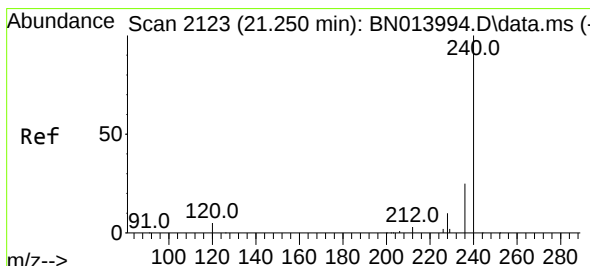
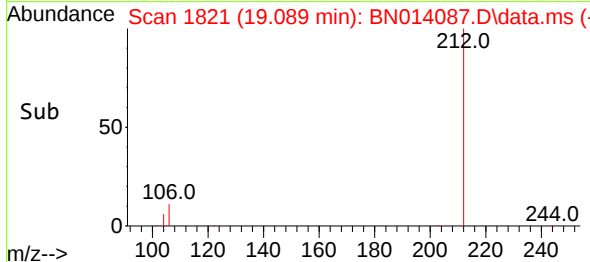
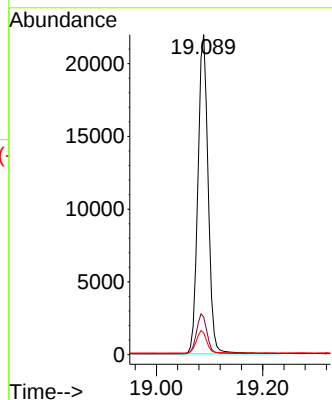
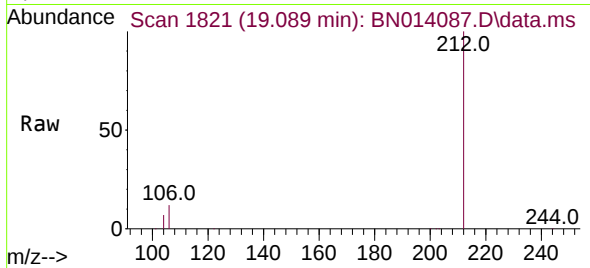




#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

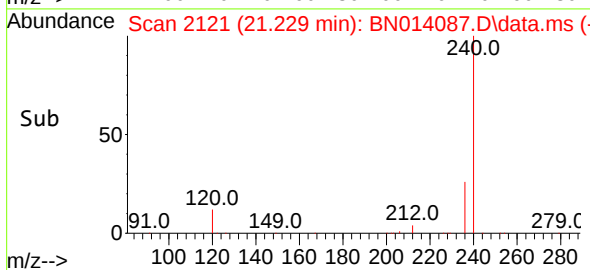
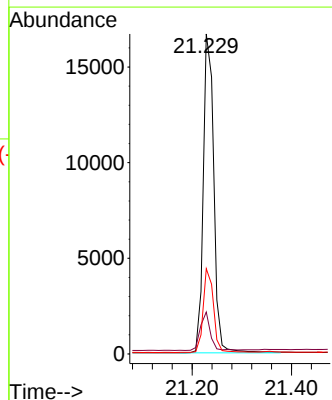
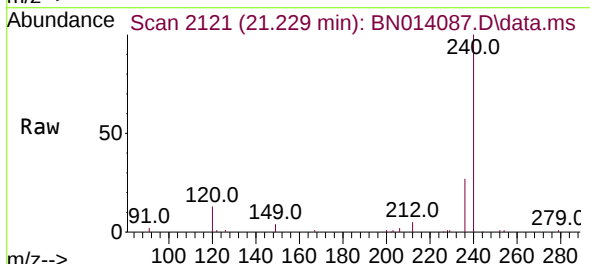
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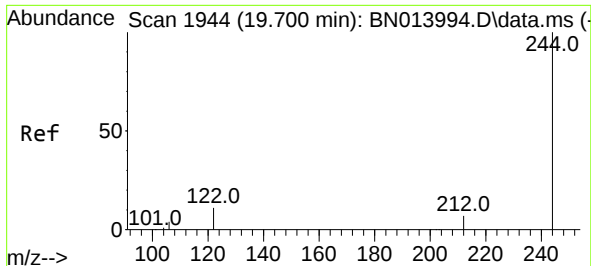
Tgt Ion:212 Resp: 29333
Ion Ratio Lower Upper
212 100
106 12.5 9.7 14.5
104 7.2 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BN014087.D
Acq: 25 Mar 2021 01:10

Tgt Ion:240 Resp: 24541
Ion Ratio Lower Upper
240 100
120 13.1 10.2 15.4
236 26.6 21.3 31.9

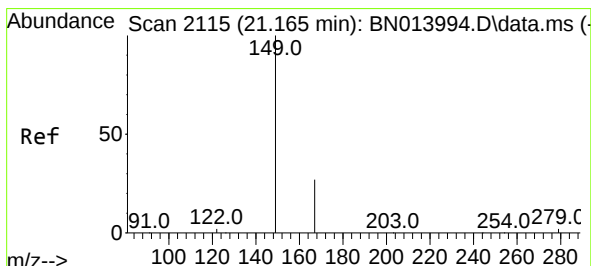
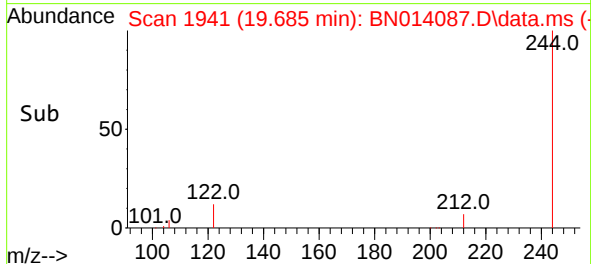
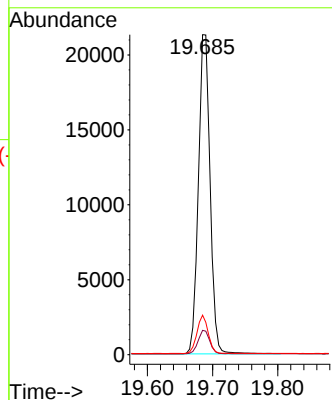
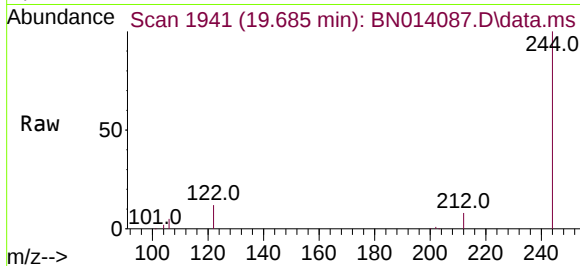




#31
 Terphenyl-d14
 Concen: 0.49 ng
 RT: 19.685 min Scan# 1941
 Delta R.T. -0.005 min
 Lab File: BN014087.D
 Acq: 25 Mar 2021 01:10

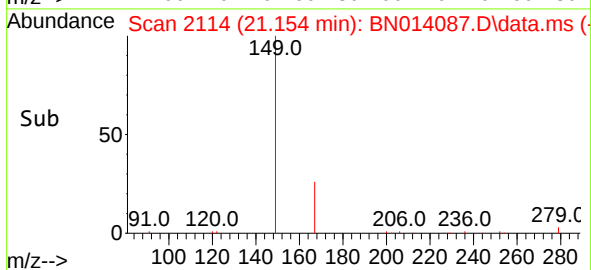
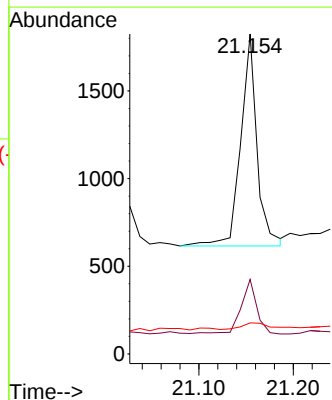
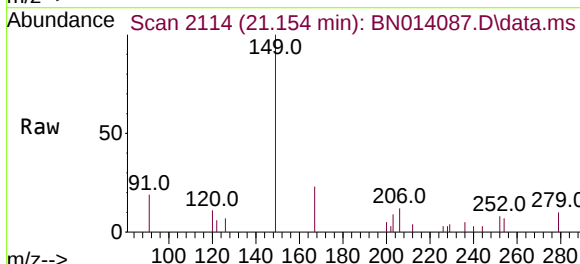
Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20210318

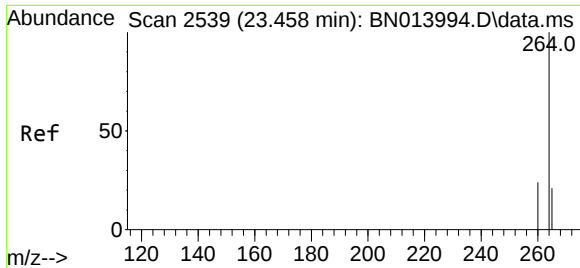
Tgt Ion:244	Resp:	26644
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.1 9.1
122	12.4	9.8 14.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 21.154 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BN014087.D
 Acq: 25 Mar 2021 01:10

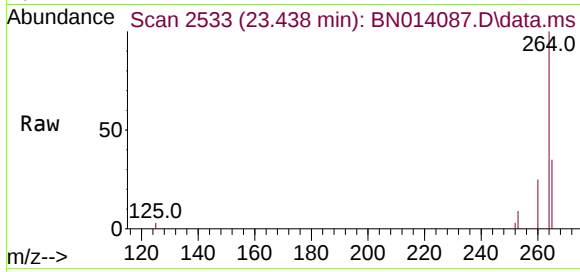
Tgt Ion:149	Resp:	1452
Ion Ratio	Lower	Upper
149	100	
167	24.7	22.1 33.1
279	5.2	3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.438 min Scan# 2533
 Delta R.T. -0.010 min
 Lab File: BN014087.D
 Acq: 25 Mar 2021 01:10

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20210318



Tgt Ion:264 Resp: 21937
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 35.4 66.2 99.4#

