

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081723\
 Data File : BN026935.D
 Acq On : 17 Aug 2023 10:41
 Operator : MA/JU
 Sample : 04024-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20230815

Quant Time: Aug 18 03:11:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 15:56:02 2023
 Response via : Initial Calibration

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

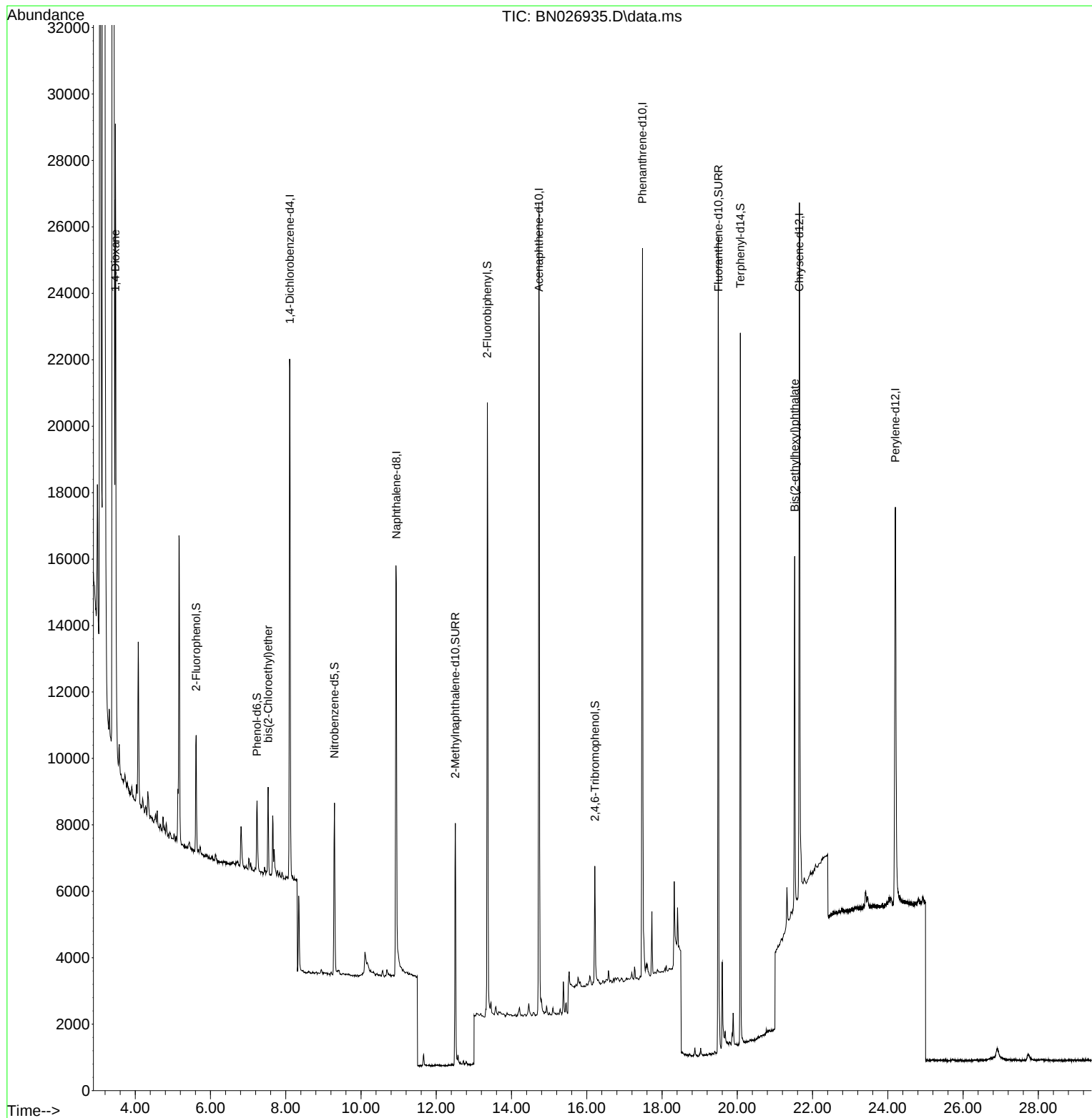
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	8054	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	20607	0.400	ng	0.00
13) Acenaphthene-d10	14.726	164	14994	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	33651	0.400	ng	# 0.00
29) Chrysene-d12	21.650	240	21805	0.400	ng	0.00
35) Perylene-d12	24.200	264	20454	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	3109	0.137	ng	0.00
5) Phenol-d6	7.236	99	2215	0.079	ng	0.00
8) Nitrobenzene-d5	9.294	82	4537	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	12.506	152	10362	0.316	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	2119	0.266	ng	0.00
15) 2-Fluorobiphenyl	13.358	172	16890	0.303	ng	0.00
27) Fluoranthene-d10	19.495	212	27261	0.316	ng	0.00
31) Terphenyl-d14	20.081	244	21770	0.478	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	12459	1.438	ng	Qvalue 94
6) bis(2-Chloroethyl)ether	7.532	93	1913	0.081	ng	99
34) Bis(2-ethylhexyl)phtha...	21.524	149	11463	0.202	ng	99

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

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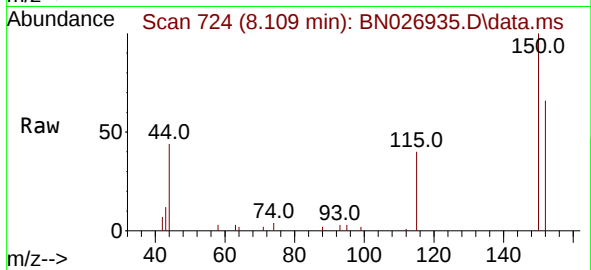
Quant Time: Aug 18 03:11:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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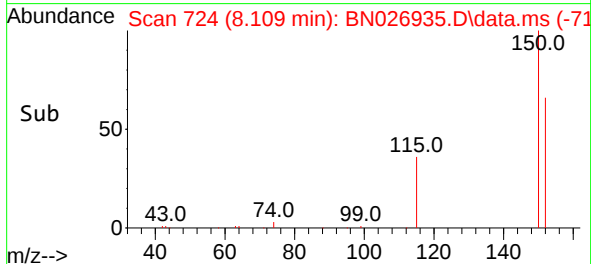
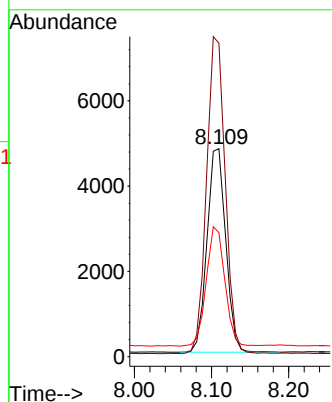
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.109 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN026935.D
 Acq: 17 Aug 2023 10:41

Instrument :
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Tgt Ion:152 Resp: 8054

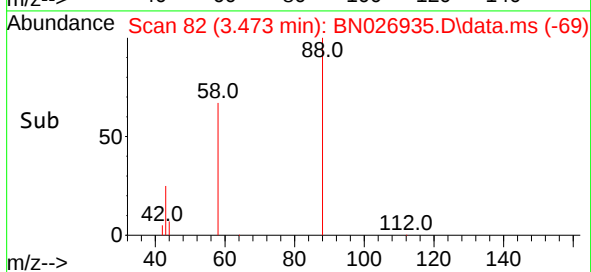
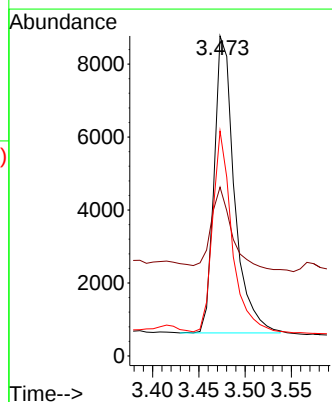
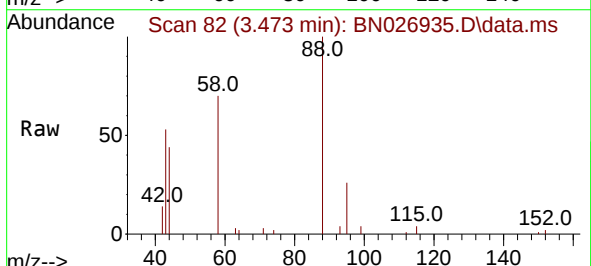
Ion	Ratio	Lower	Upper
152	100		
150	150.7	123.8	185.6
115	59.6	49.7	74.5



#2
 1,4-Dioxane
 Concen: 1.438 ng
 RT: 3.473 min Scan# 82
 Delta R.T. -0.007 min
 Lab File: BN026935.D
 Acq: 17 Aug 2023 10:41

Tgt Ion: 88 Resp: 12459

Ion	Ratio	Lower	Upper
88	100		
43	27.9	19.2	28.8
58	63.8	54.5	81.7

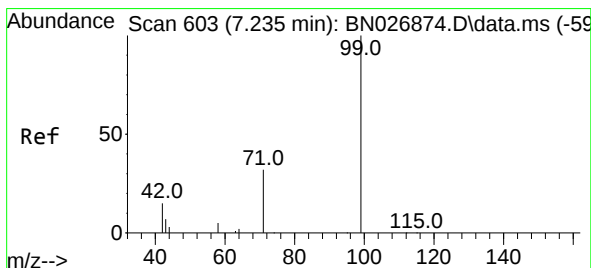
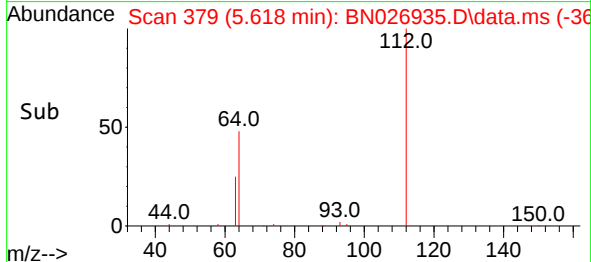
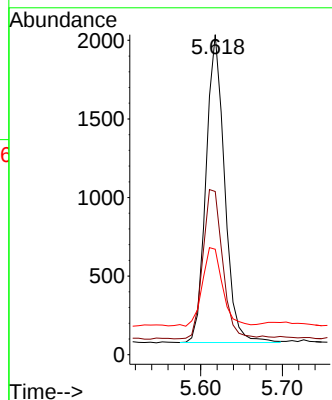
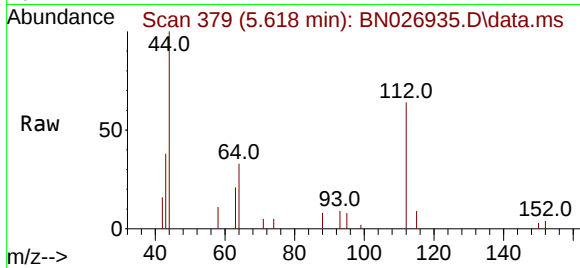




#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.618 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

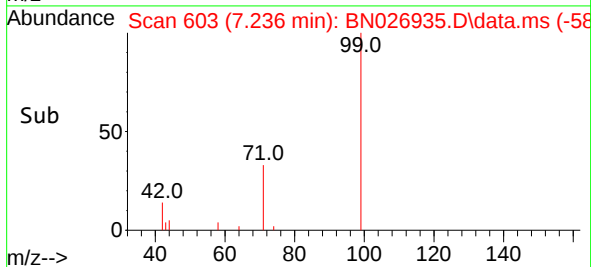
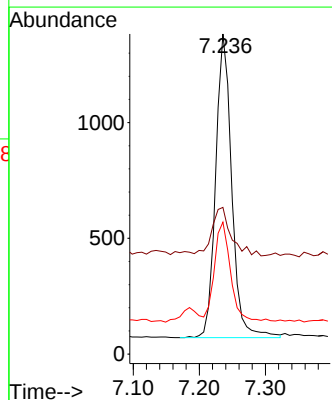
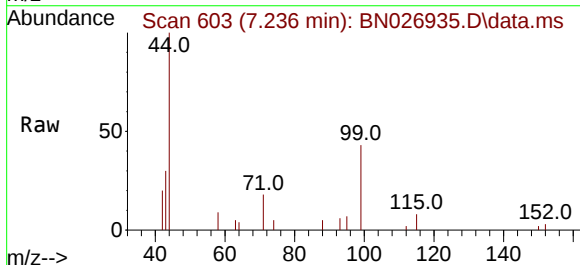
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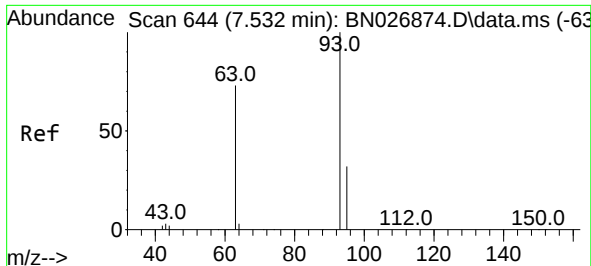
Tgt Ion:	112	Resp:	3109
Ion	Ratio	Lower	Upper
112	100		
64	51.3	41.5	62.3
63	27.2	21.7	32.5



#5
Phenol-d6
Concen: 0.079 ng
RT: 7.236 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

Tgt Ion:	99	Resp:	2215
Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.6	20.4
71	32.5	26.0	39.0

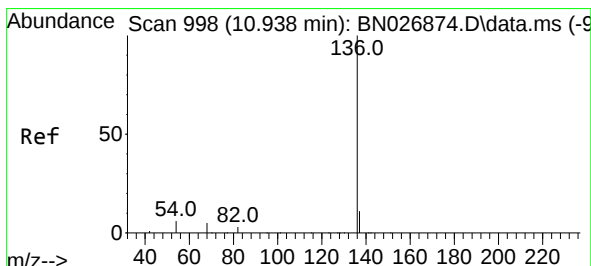
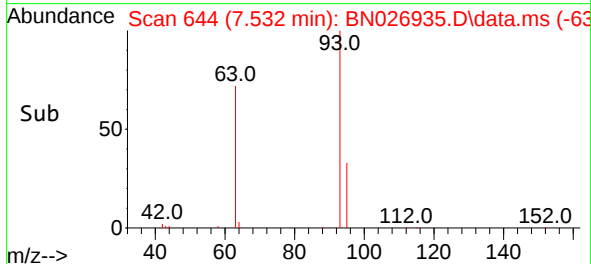
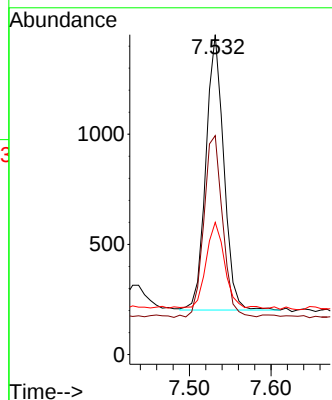
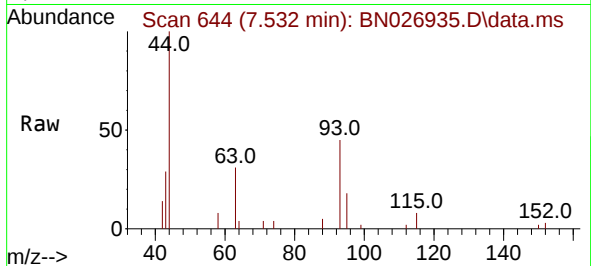




#6
bis(2-Chloroethyl)ether
Concen: 0.081 ng
RT: 7.532 min Scan# 644
Delta R.T. 0.000 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

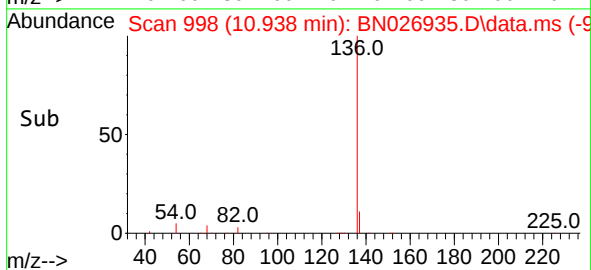
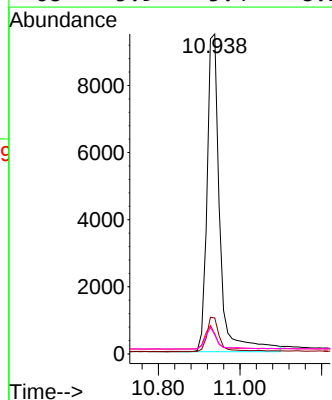
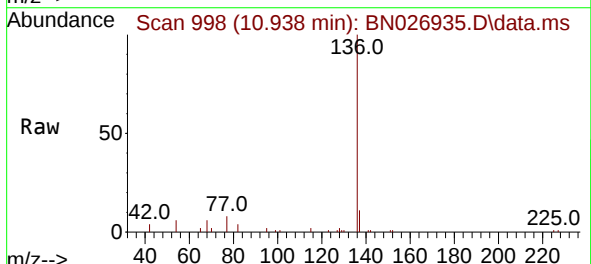
Instrument :
BNA_N
ClientSampleId :
RE104D2-20230815

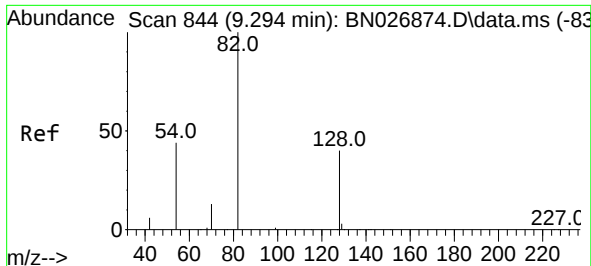
Tgt Ion: 93 Resp: 1913
Ion Ratio Lower Upper
93 100
63 69.6 55.0 82.4
95 32.3 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

Tgt Ion: 136 Resp: 20607
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 6.3 5.5 8.3
68 5.9 5.4 8.2

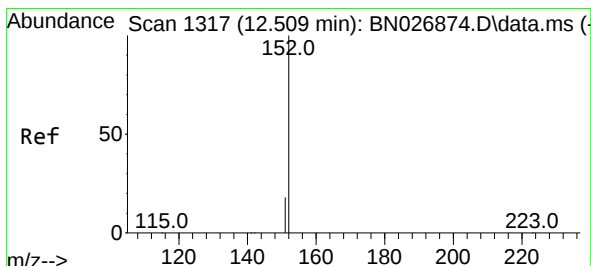
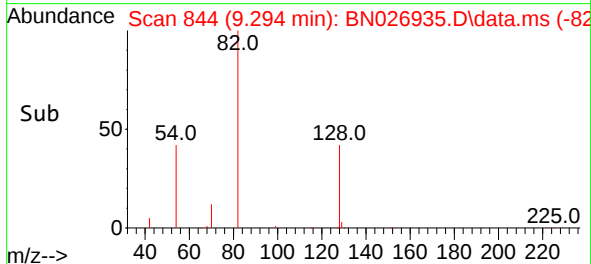
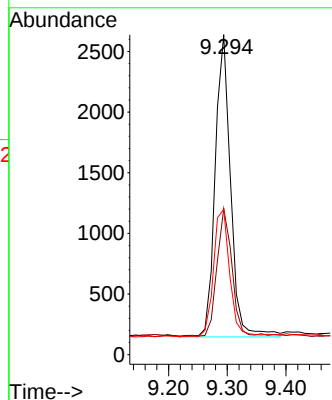
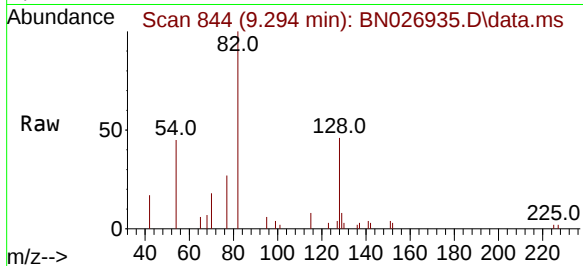




#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 9.294 min Scan# 844
Delta R.T. 0.000 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

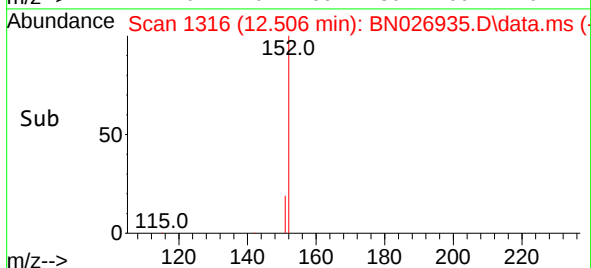
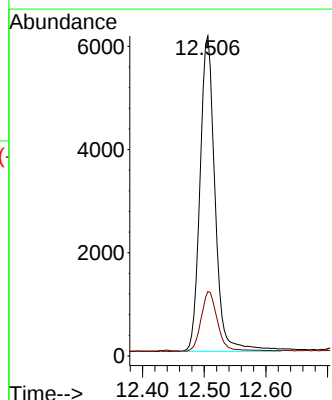
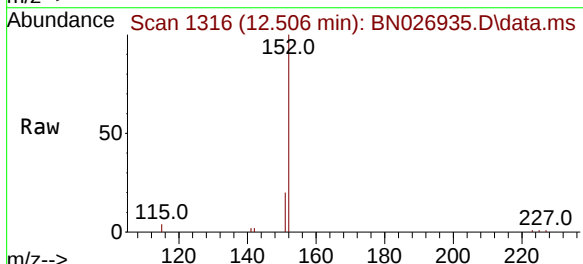
Instrument :
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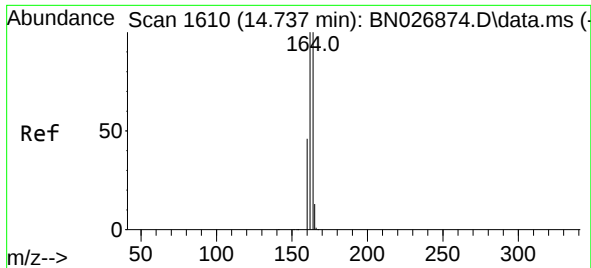
Tgt Ion: 82 Resp: 4537
Ion Ratio Lower Upper
82 100
128 45.6 34.1 51.1
54 45.5 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.506 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

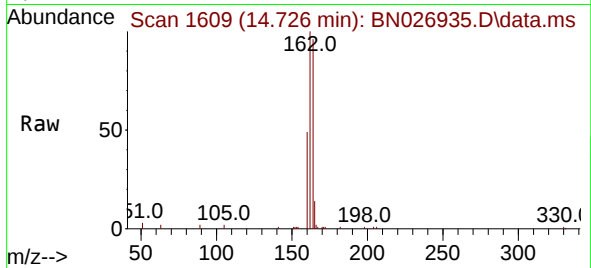
Tgt Ion: 152 Resp: 10362
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5



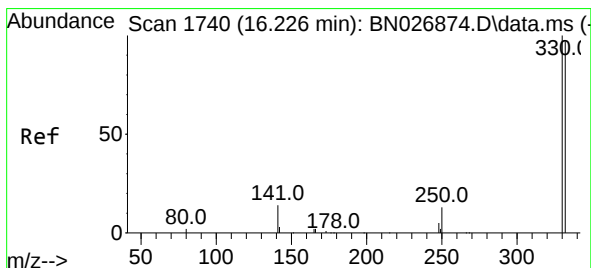
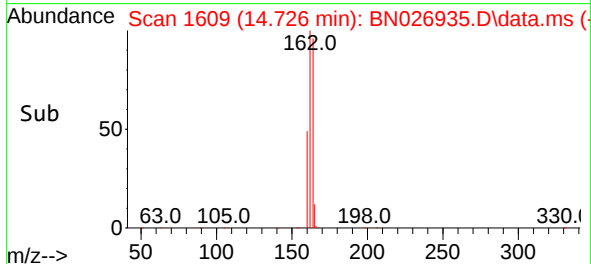
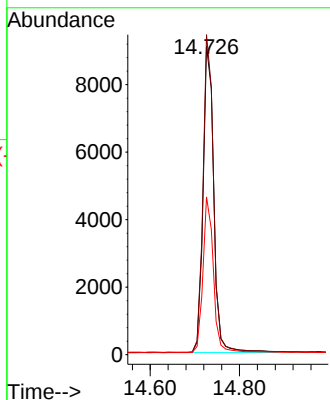


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.726 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

Instrument :
BNA_N
ClientSampleId :
RE104D2-20230815

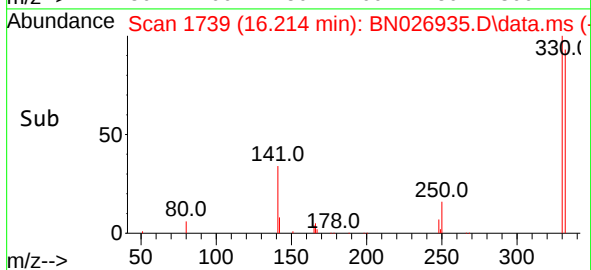
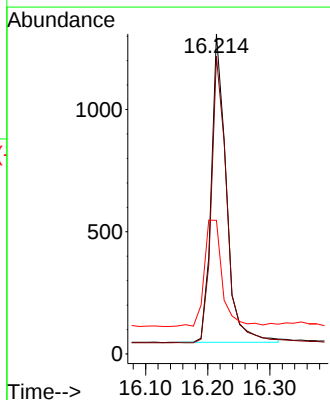
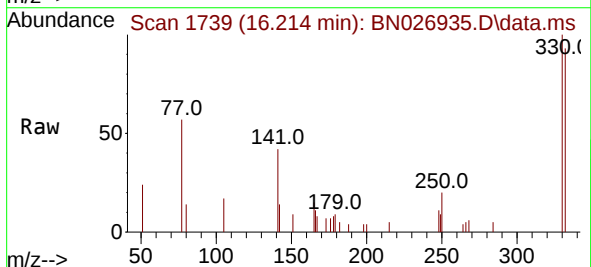


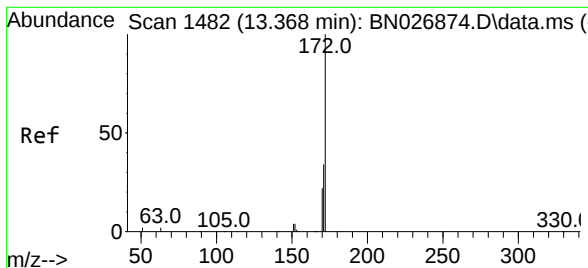
Tgt Ion:164 Resp: 14994
Ion Ratio Lower Upper
164 100
162 103.7 79.7 119.5
160 51.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 16.214 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

Tgt Ion:330 Resp: 2119
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 41.0 32.3 48.5

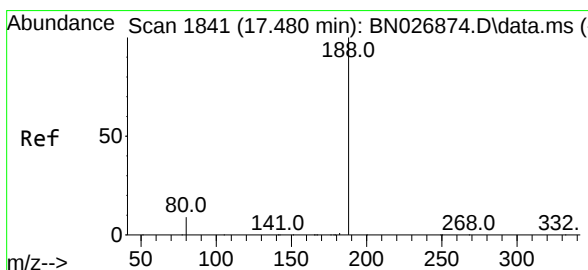
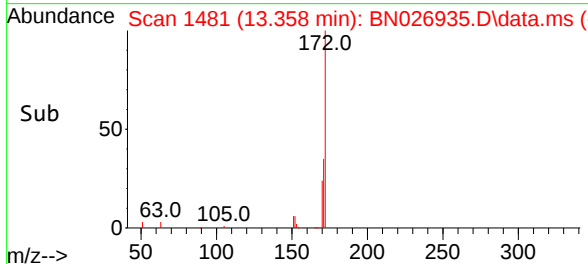
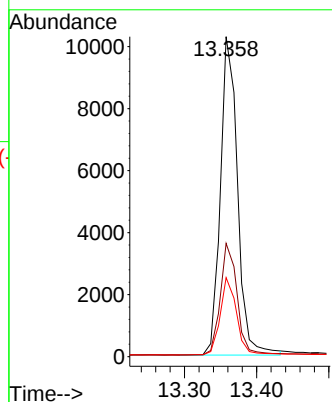
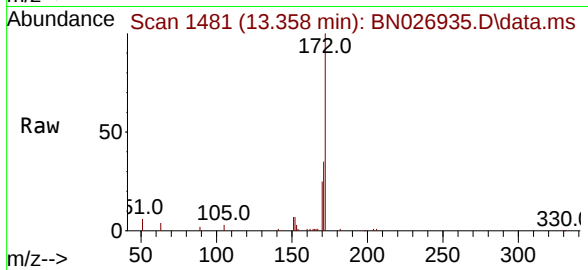




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.358 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

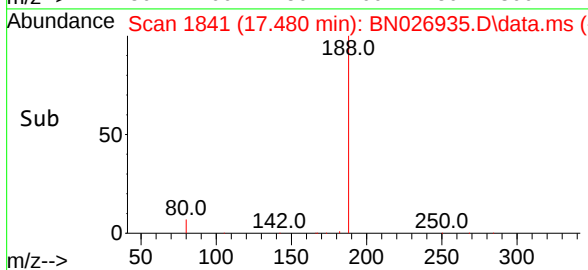
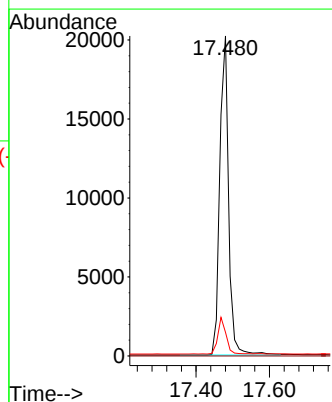
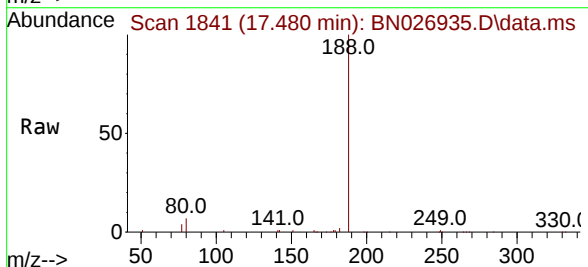
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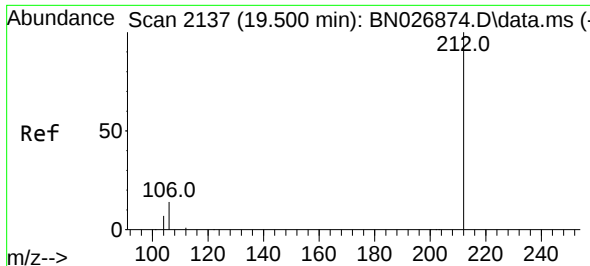
Tgt Ion:172 Resp: 16890
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 24.7 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

Tgt Ion:188 Resp: 33651
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 7.4 11.2#

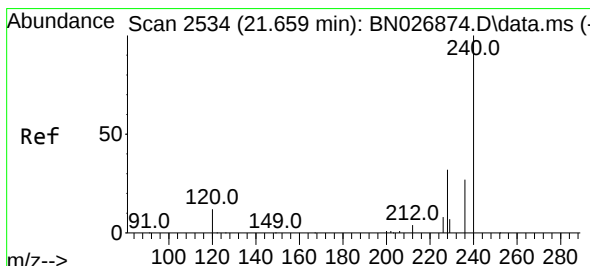
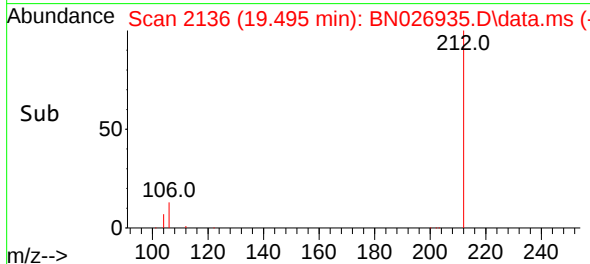
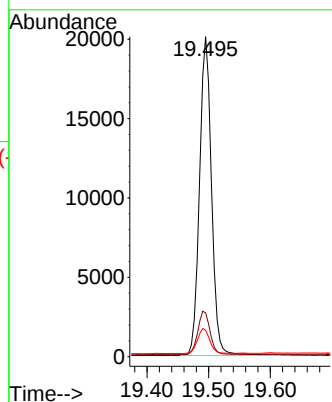
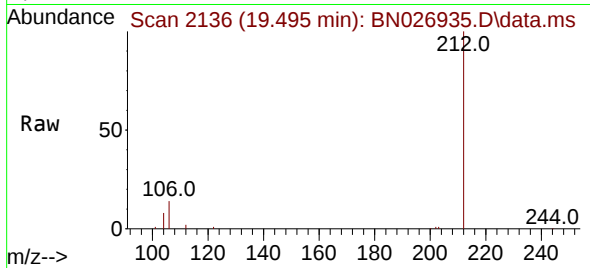




#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

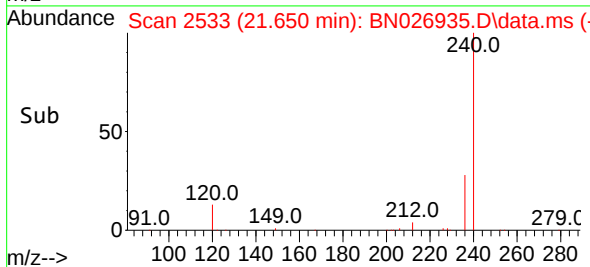
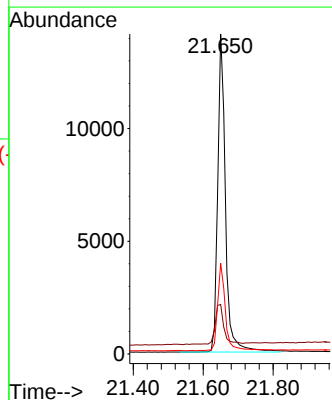
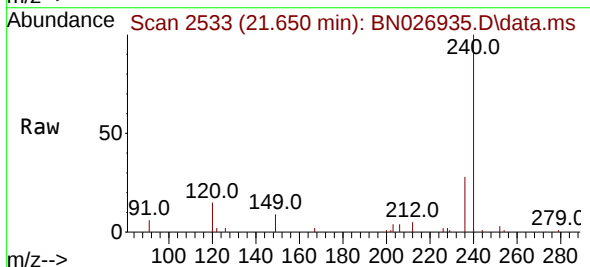
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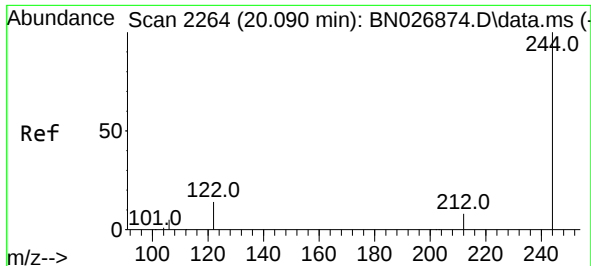
Tgt Ion:212 Resp: 27261
Ion Ratio Lower Upper
212 100
106 14.0 10.9 16.3
104 8.2 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.650 min Scan# 2533
Delta R.T. -0.009 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

Tgt Ion:240 Resp: 21805
Ion Ratio Lower Upper
240 100
120 15.5 11.1 16.7
236 28.3 22.2 33.2

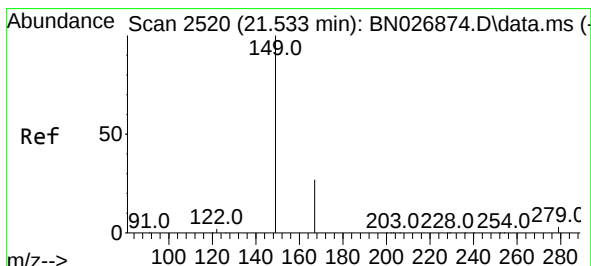
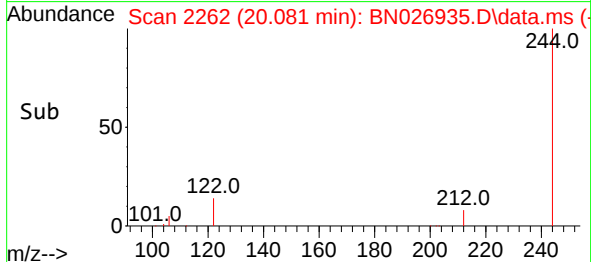
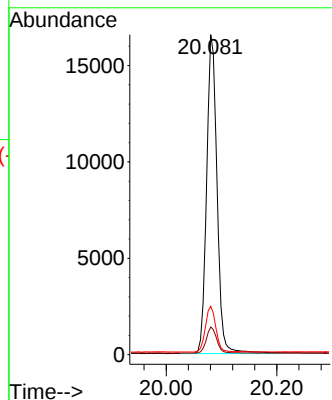
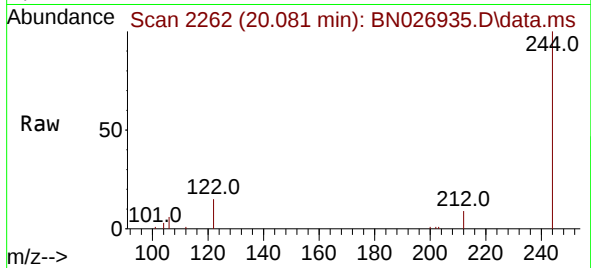




#31
 Terphenyl-d14
 Concen: 0.478 ng
 RT: 20.081 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026935.D
 Acq: 17 Aug 2023 10:41

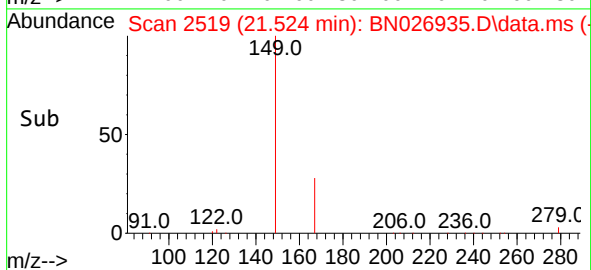
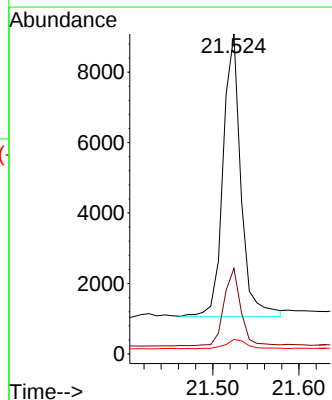
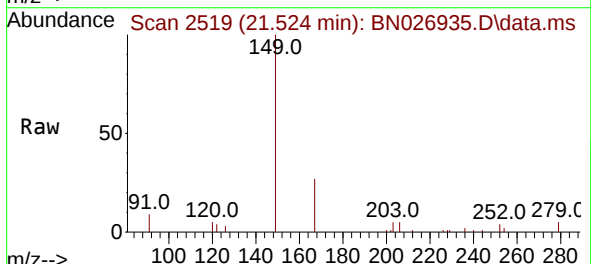
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 ClientSampleId :
 RE104D2-20230815

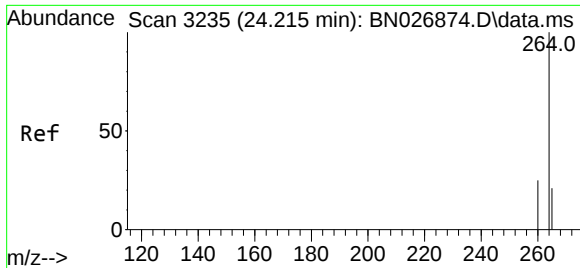
Tgt Ion:244 Resp: 21770
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 15.2 11.9 17.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.202 ng
 RT: 21.524 min Scan# 2519
 Delta R.T. 0.000 min
 Lab File: BN026935.D
 Acq: 17 Aug 2023 10:41

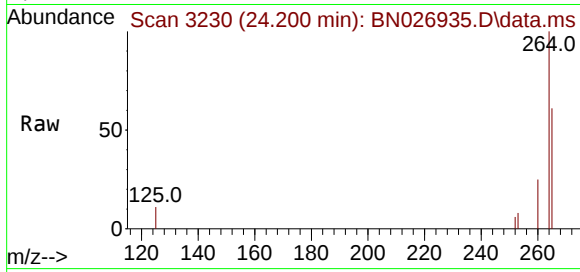
Tgt Ion:149 Resp: 11463
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.4 32.0
 279 4.0 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.200 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN026935.D
Acq: 17 Aug 2023 10:41

Instrument :
BNA_N
ClientSampleId :
RE104D2-20230815



Tgt Ion:264 Resp: 20454
Ion Ratio Lower Upper
264 100
260 25.4 20.4 30.6
265 61.3 27.0 40.6#

