

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030046.D
 Acq On : 26 Feb 2024 01:42
 Operator : MA/JU
 Sample : P1507-14DL 5X
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20240214DL

Quant Time: Feb 26 02:55:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

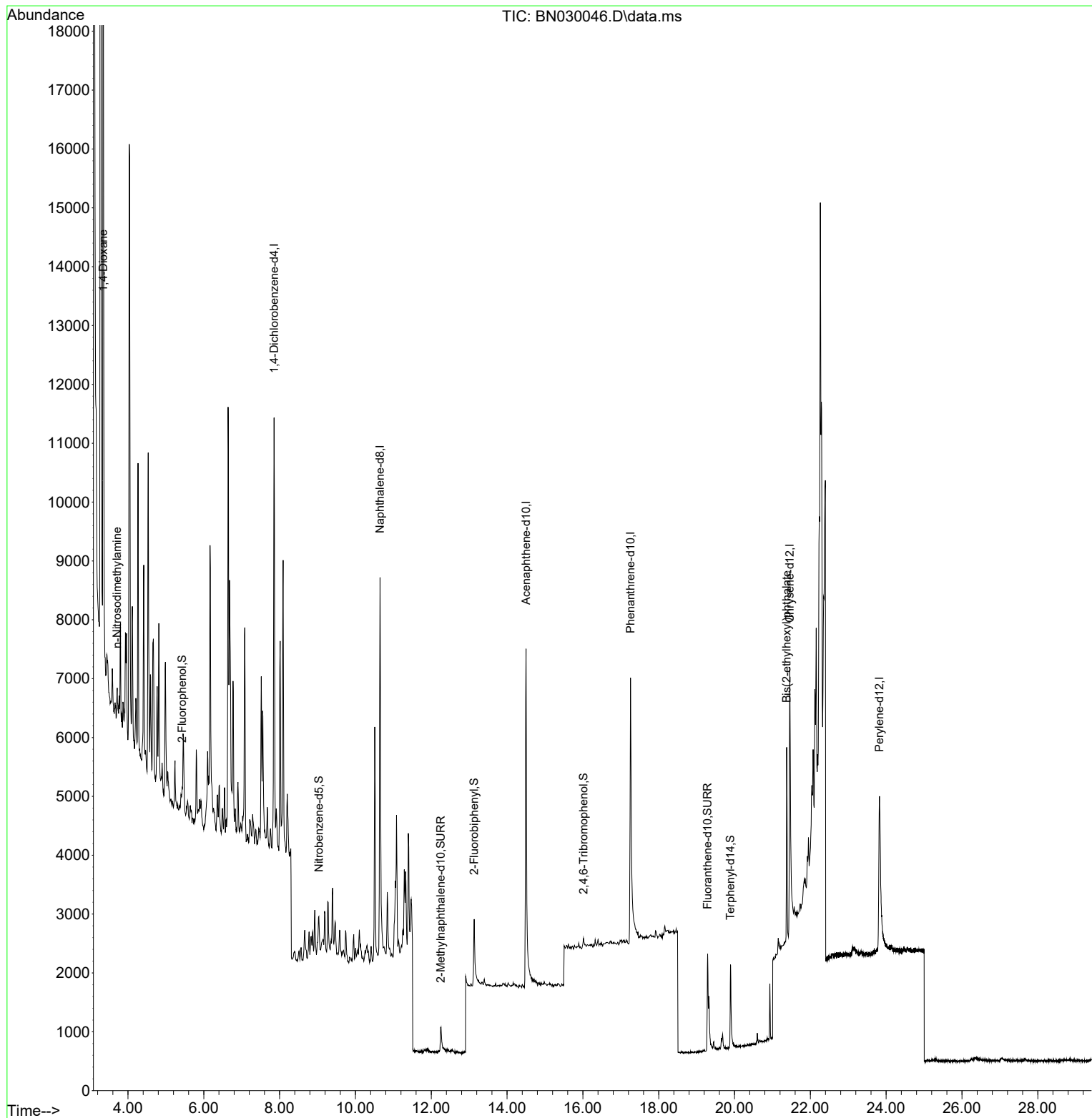
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3885	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10226	0.400	ng	0.00
13) Acenaphthene-d10	14.500	164	4851	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	10165	0.400	ng	# 0.00
29) Chrysene-d12	21.456	240	7413	0.400	ng	0.00
35) Perylene-d12	23.823	264	6570	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	275	0.029	ng	0.00
5) Phenol-d6	7.031	99	194	0.018	ng	0.00
8) Nitrobenzene-d5	9.035	82	657	0.077	ng	0.02
11) 2-Methylnaphthalene-d10	12.249	152	985	0.071	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	118	0.076	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	1484	0.071	ng	0.01
27) Fluoranthene-d10	19.289	212	2566	0.104	ng	0.00
31) Terphenyl-d14	19.893	244	2042	0.111	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	9881	1.807	ng	# 94
3) n-Nitrosodimethylamine	3.709	42	135	0.030	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.375	149	3159	0.183	ng	100

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

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RE131D1-20240214DL

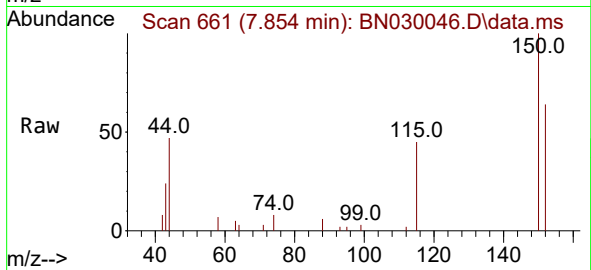
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration



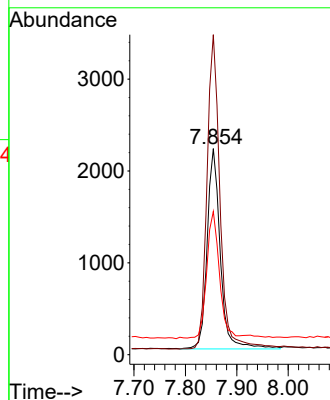
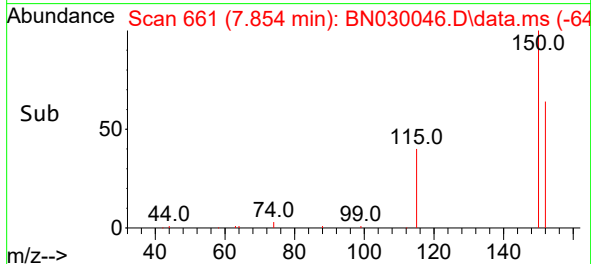


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN030046.D
 Acq: 26 Feb 2024 01:42

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20240214DL

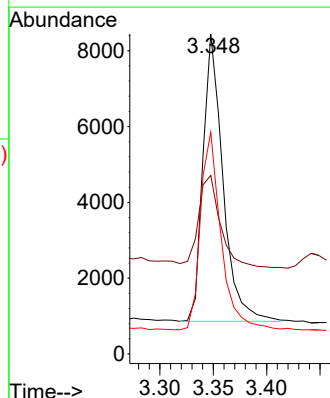
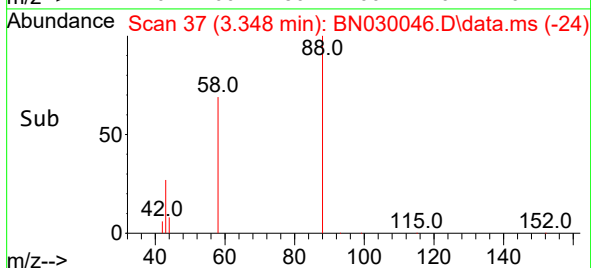
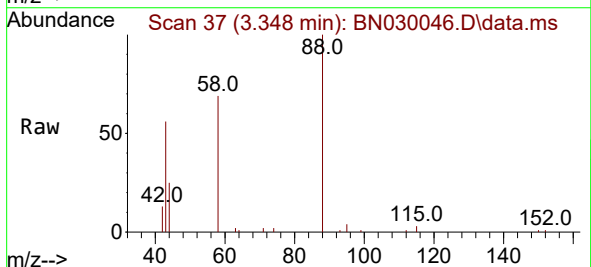


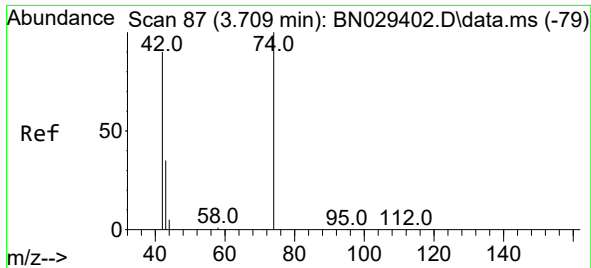
Tgt Ion:152 Resp: 3885
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.0 184.4
 115 69.5 51.4 77.0



#2
 1,4-Dioxane
 Concen: 1.807 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030046.D
 Acq: 26 Feb 2024 01:42

Tgt Ion: 88 Resp: 9881
 Ion Ratio Lower Upper
 88 100
 43 35.1 23.3 34.9#
 58 70.5 53.8 80.6

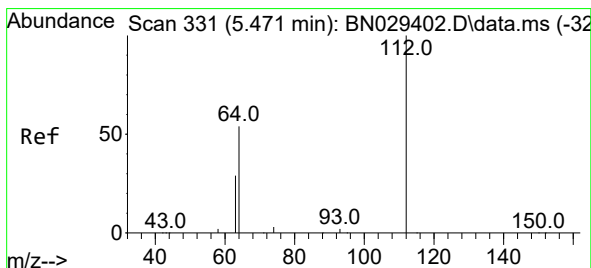
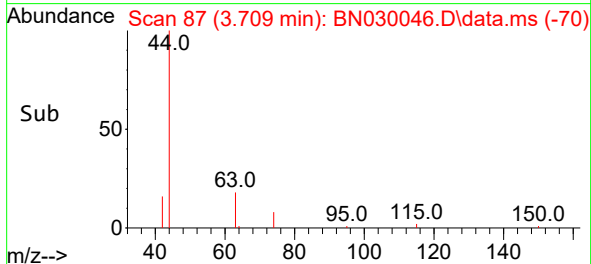
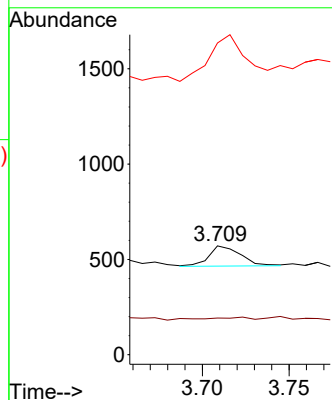
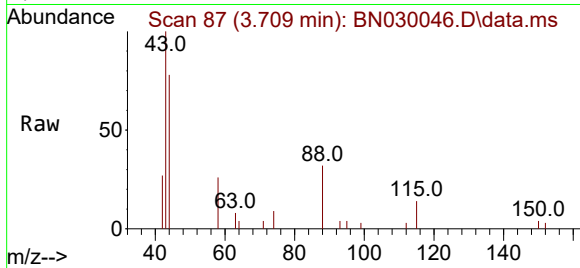




#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.709 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

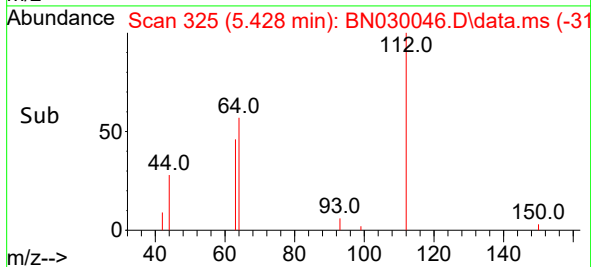
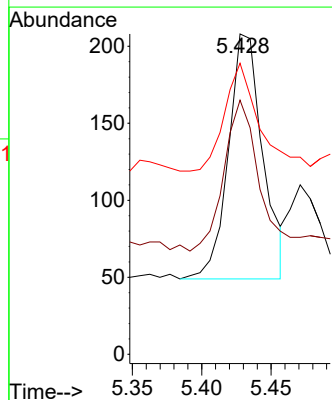
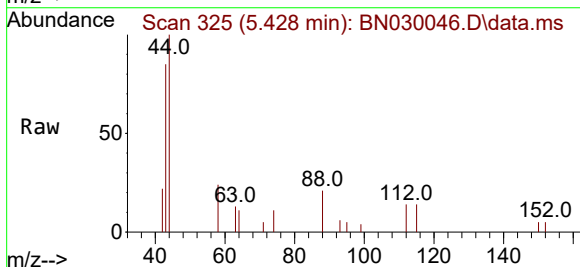
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214DL

Tgt Ion: 42 Resp: 135
Ion Ratio Lower Upper
42 100
74 11.1 93.7 140.5#
44 268.1 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.029 ng
RT: 5.428 min Scan# 325
Delta R.T. -0.000 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

Tgt Ion: 112 Resp: 275
Ion Ratio Lower Upper
112 100
64 62.9 47.2 70.8
63 45.1 25.8 38.6#

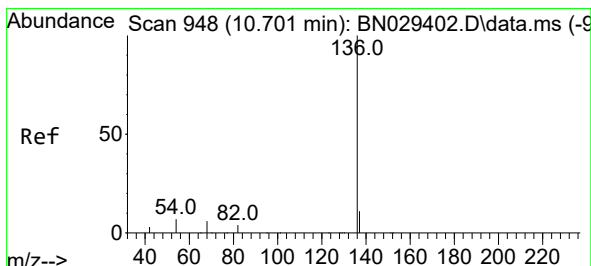
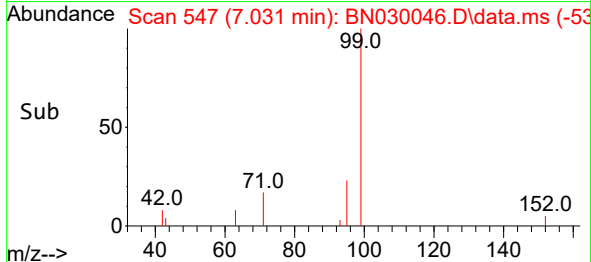
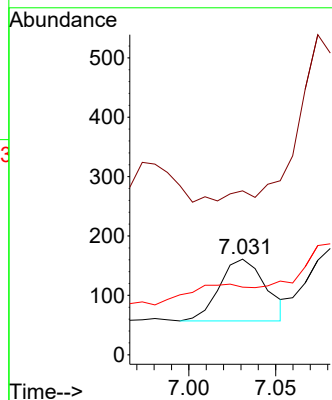
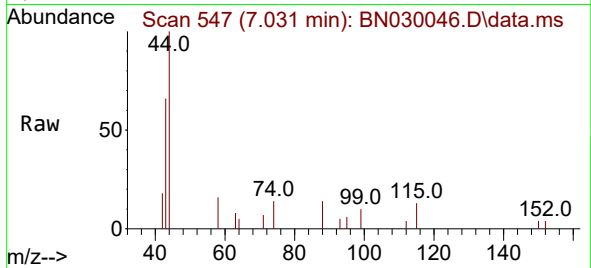




#5
Phenol-d6
Concen: 0.018 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

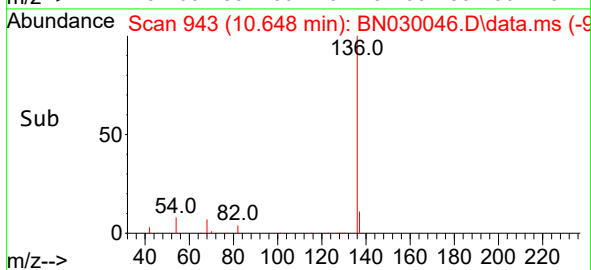
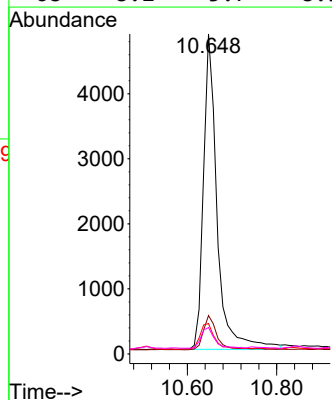
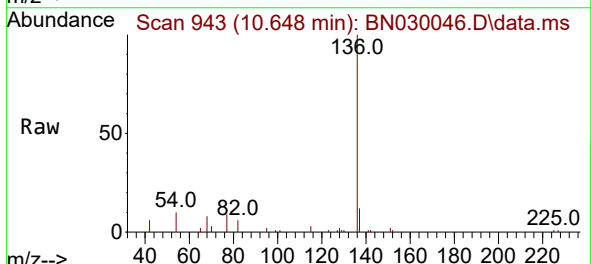
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214DL

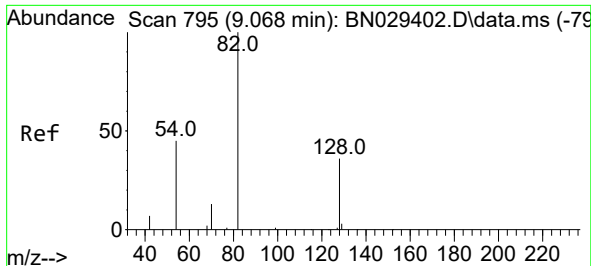
Tgt Ion: 99 Resp: 194
Ion Ratio Lower Upper
99 100
42 0.0 16.9 25.3#
71 50.5 30.0 45.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

Tgt Ion: 136 Resp: 10226
Ion Ratio Lower Upper
136 100
137 12.0 9.7 14.5
54 9.5 6.6 10.0
68 8.2 5.7 8.5

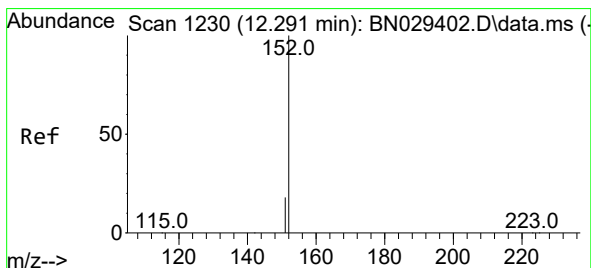
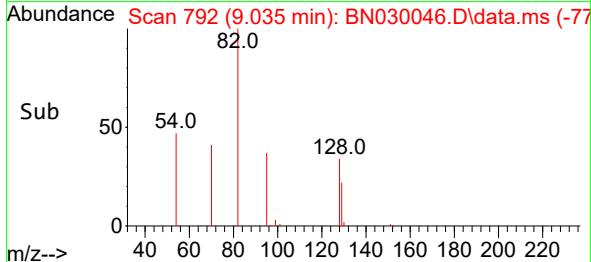
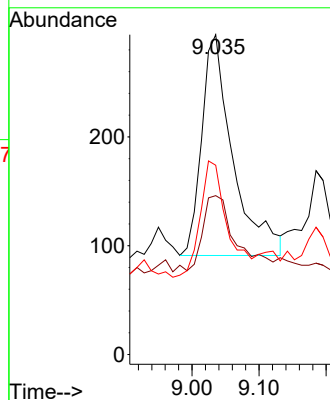
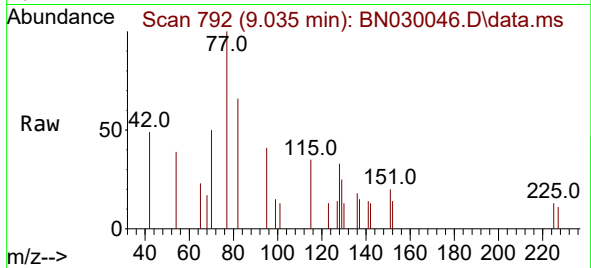




#8
Nitrobenzene-d5
Concen: 0.077 ng
RT: 9.035 min Scan# 79
Delta R.T. 0.021 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

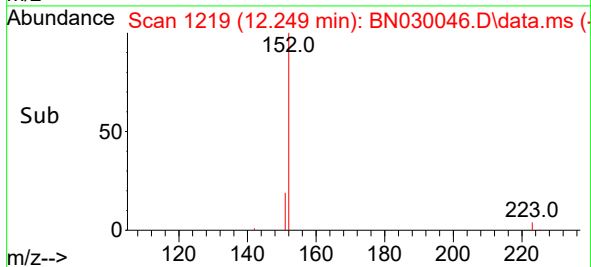
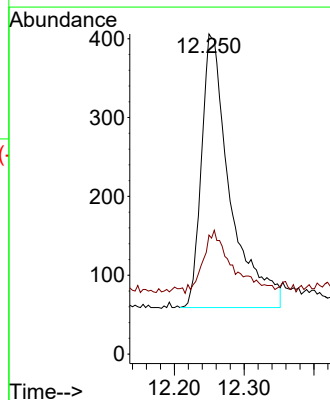
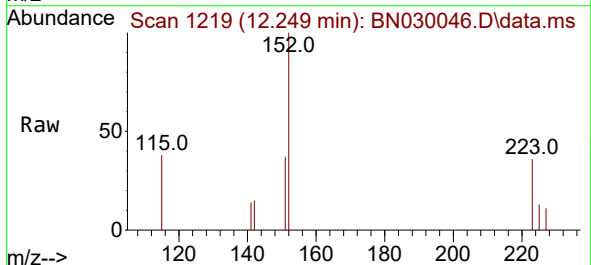
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214DL

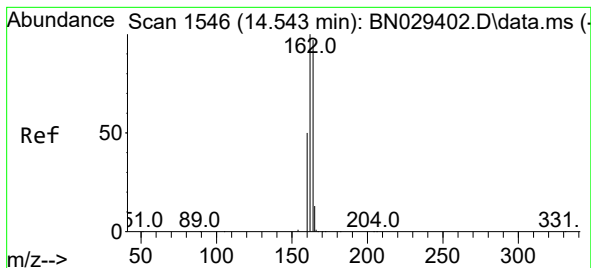
Tgt Ion: 82 Resp: 657
Ion Ratio Lower Upper
82 100
128 49.7 31.6 47.4#
54 59.2 38.2 57.4#



#11
2-Methylnaphthalene-d10
Concen: 0.071 ng
RT: 12.249 min Scan# 1219
Delta R.T. 0.004 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

Tgt Ion: 152 Resp: 985
Ion Ratio Lower Upper
152 100
151 24.0 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.500 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN030046.D

Acq: 26 Feb 2024 01:42

Instrument :

BNA_N

ClientSampleId :

RE131D1-20240214DL

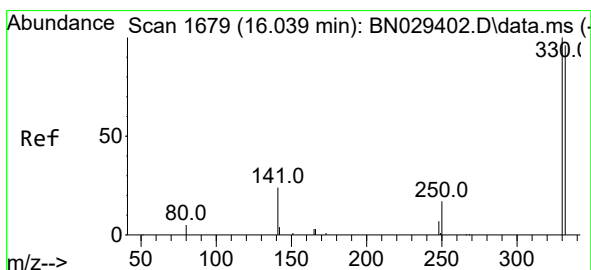
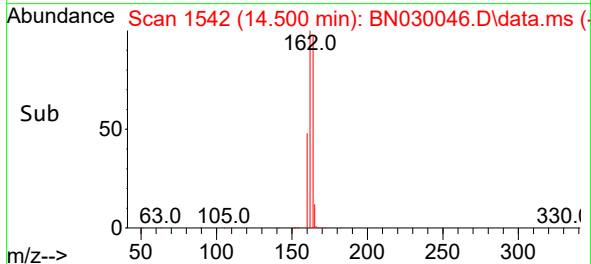
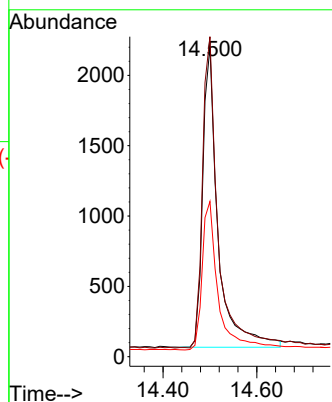
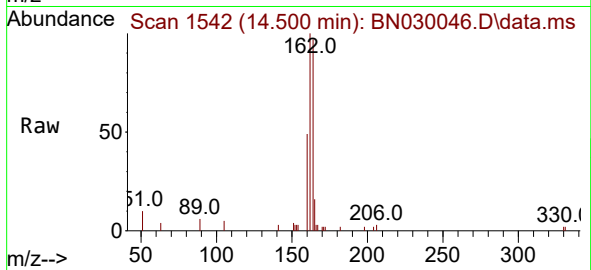
Tgt Ion:164 Resp: 4851

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 50.0 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.076 ng

RT: 16.014 min Scan# 1677

Delta R.T. 0.012 min

Lab File: BN030046.D

Acq: 26 Feb 2024 01:42

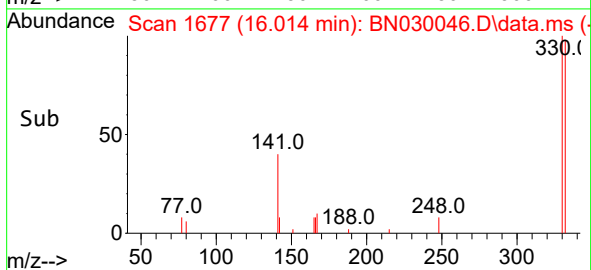
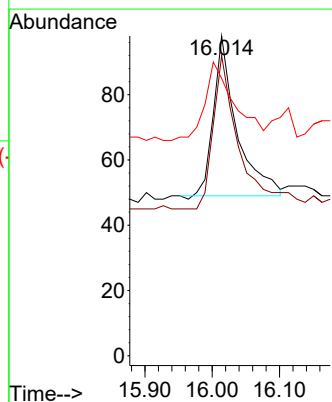
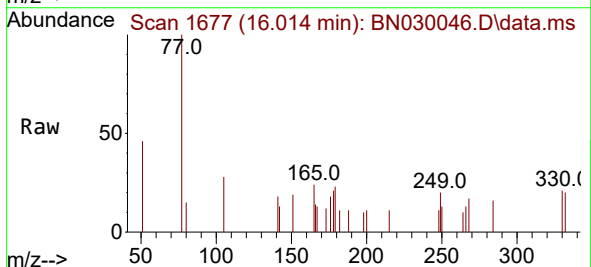
Tgt Ion:330 Resp: 118

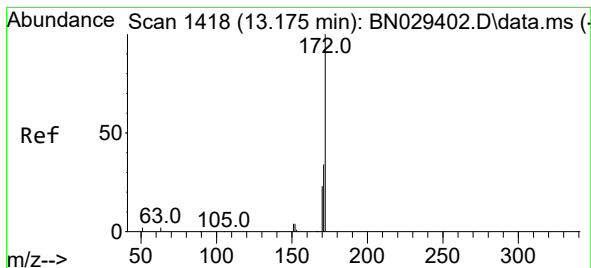
Ion Ratio Lower Upper

330 100

332 103.4 76.0 114.0

141 62.7 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.071 ng

RT: 13.132 min Scan# 1418

Delta R.T. 0.011 min

Lab File: BN030046.D

Acq: 26 Feb 2024 01:42

Instrument :

BNA_N

ClientSampleId :

RE131D1-20240214DL

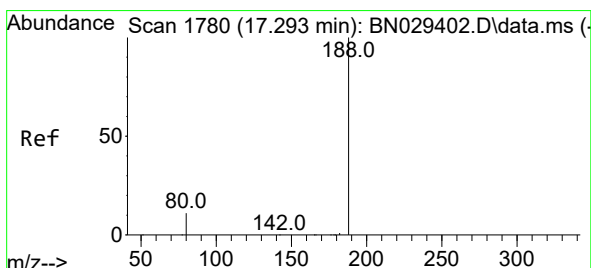
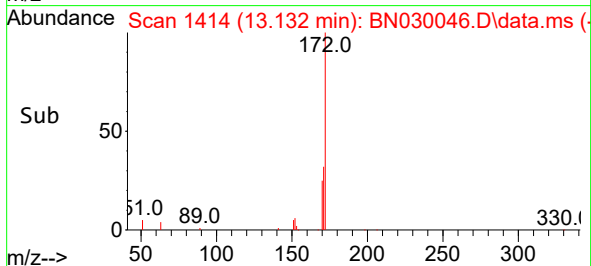
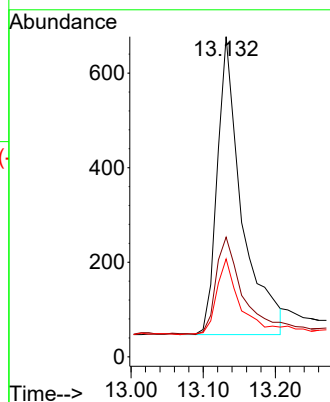
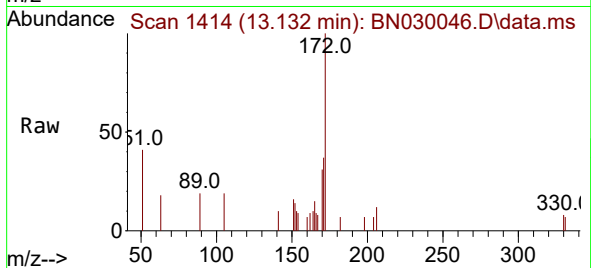
Tgt Ion:172 Resp: 1484

Ion Ratio Lower Upper

172 100

171 37.4 28.0 42.0

170 30.6 18.7 28.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BN030046.D

Acq: 26 Feb 2024 01:42

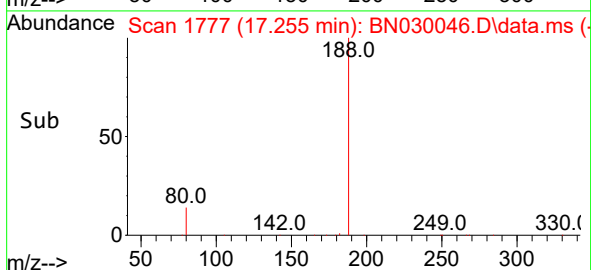
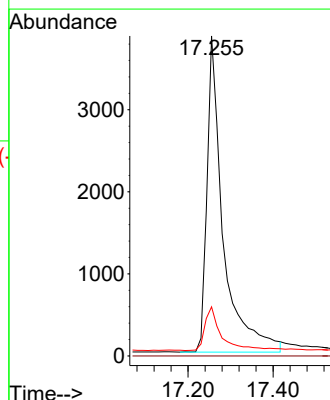
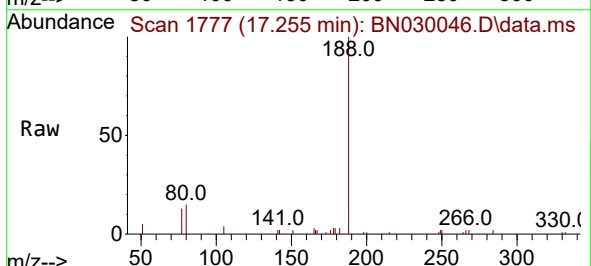
Tgt Ion:188 Resp: 10165

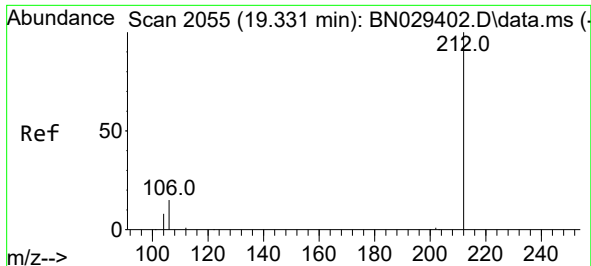
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

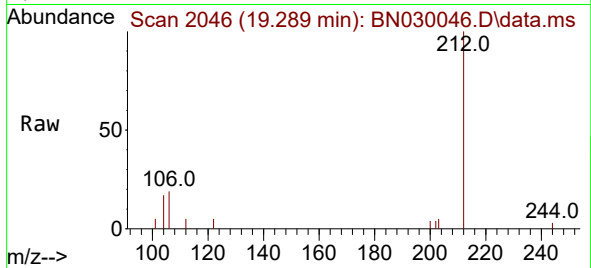
80 15.3 10.0 15.0#



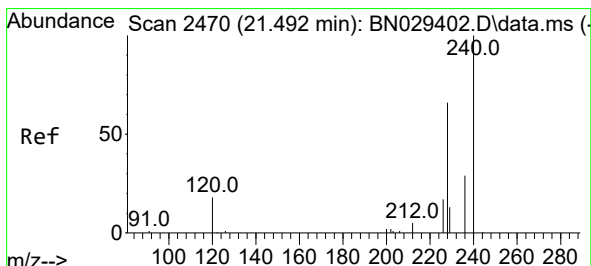
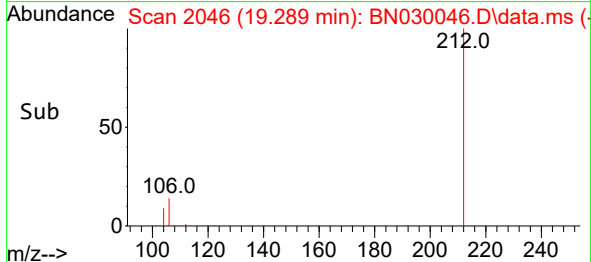
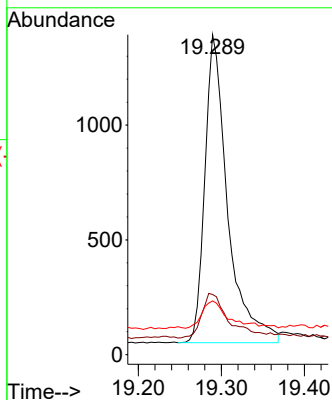


#27
Fluoranthene-d10
Concen: 0.104 ng
RT: 19.289 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

Instrument :
BNA_N
ClientSampleId :
RE131D1-20240214DL

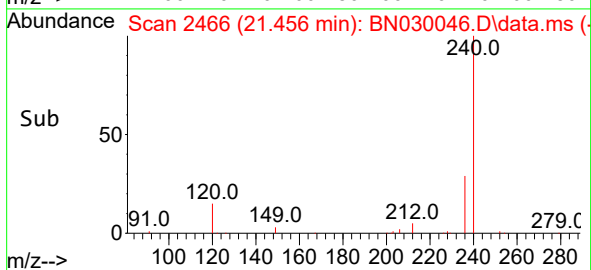
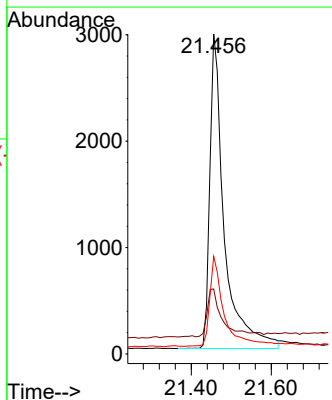
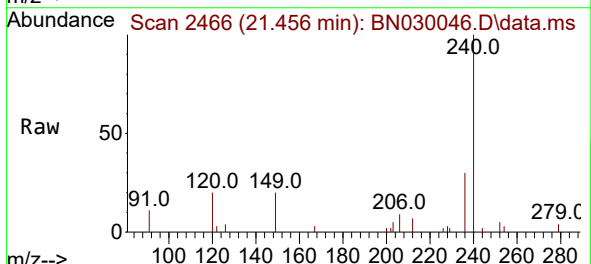


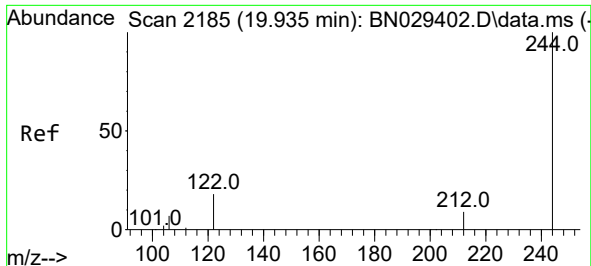
Tgt Ion:212 Resp: 2566
Ion Ratio Lower Upper
212 100
106 18.6 13.2 19.8
104 10.8 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030046.D
Acq: 26 Feb 2024 01:42

Tgt Ion:240 Resp: 7413
Ion Ratio Lower Upper
240 100
120 20.3 16.7 25.1
236 30.5 23.9 35.9

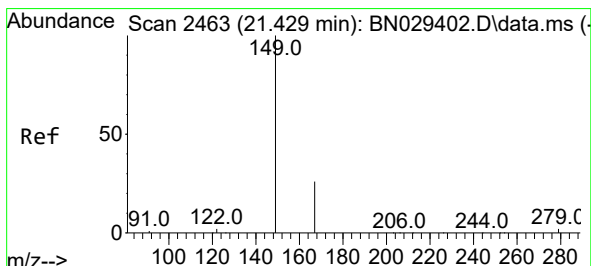
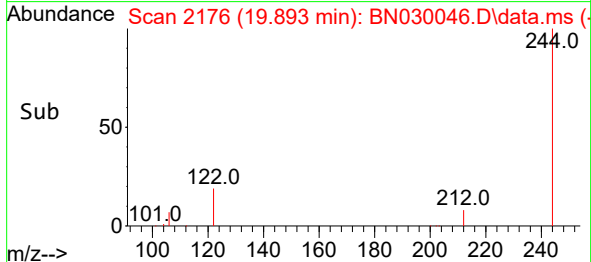
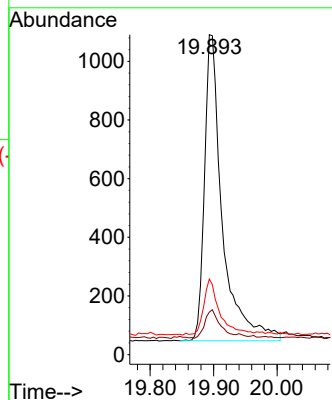
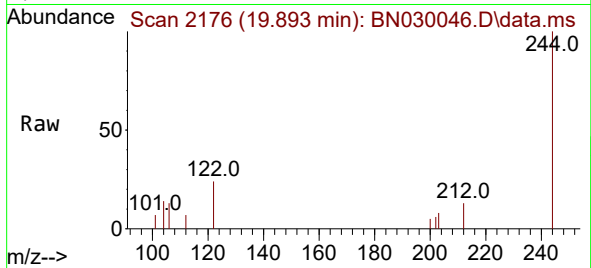




#31
 Terphenyl-d14
 Concen: 0.111 ng
 RT: 19.893 min Scan# 2185
 Delta R.T. -0.005 min
 Lab File: BN030046.D
 Acq: 26 Feb 2024 01:42

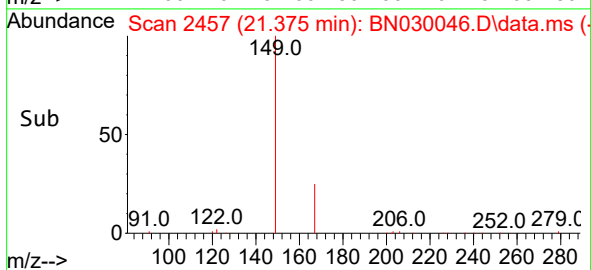
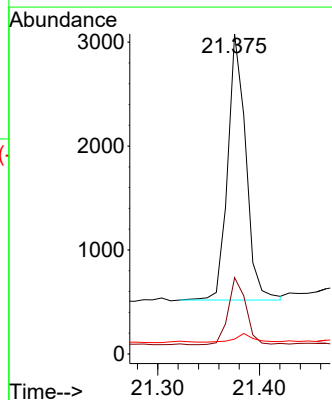
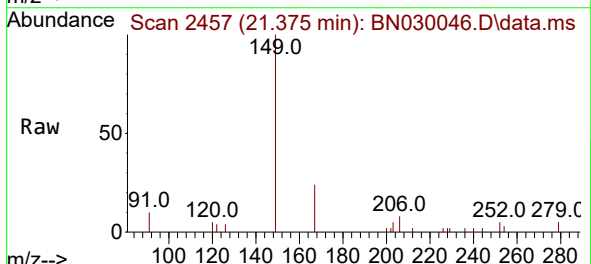
Instrument :
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 ClientSampleId :
 RE131D1-20240214DL

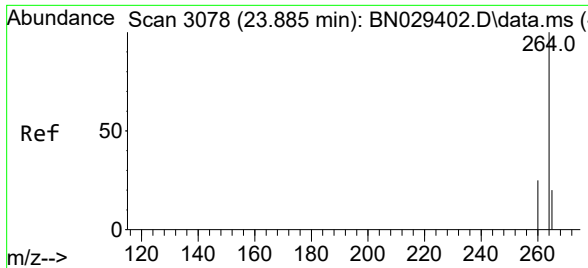
Tgt Ion:244 Resp: 2042
 Ion Ratio Lower Upper
 244 100
 212 13.3 8.2 12.4#
 122 23.6 15.6 23.4#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.183 ng
 RT: 21.375 min Scan# 2457
 Delta R.T. -0.009 min
 Lab File: BN030046.D
 Acq: 26 Feb 2024 01:42

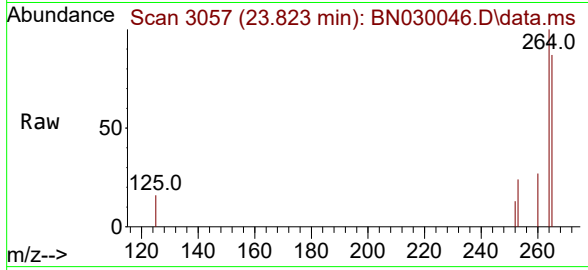
Tgt Ion:149 Resp: 3159
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.1 30.1
 279 3.4 2.5 3.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.823 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN030046.D
 Acq: 26 Feb 2024 01:42

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20240214DL



Tgt Ion:264 Resp: 6570

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.2	31.8
265	87.2	41.5	62.3#

