

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034131.D
 Acq On : 21 Sep 2024 19:03
 Operator : JU/RC
 Sample : P4116-21
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20240918

Quant Time: Sep 23 00:00:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

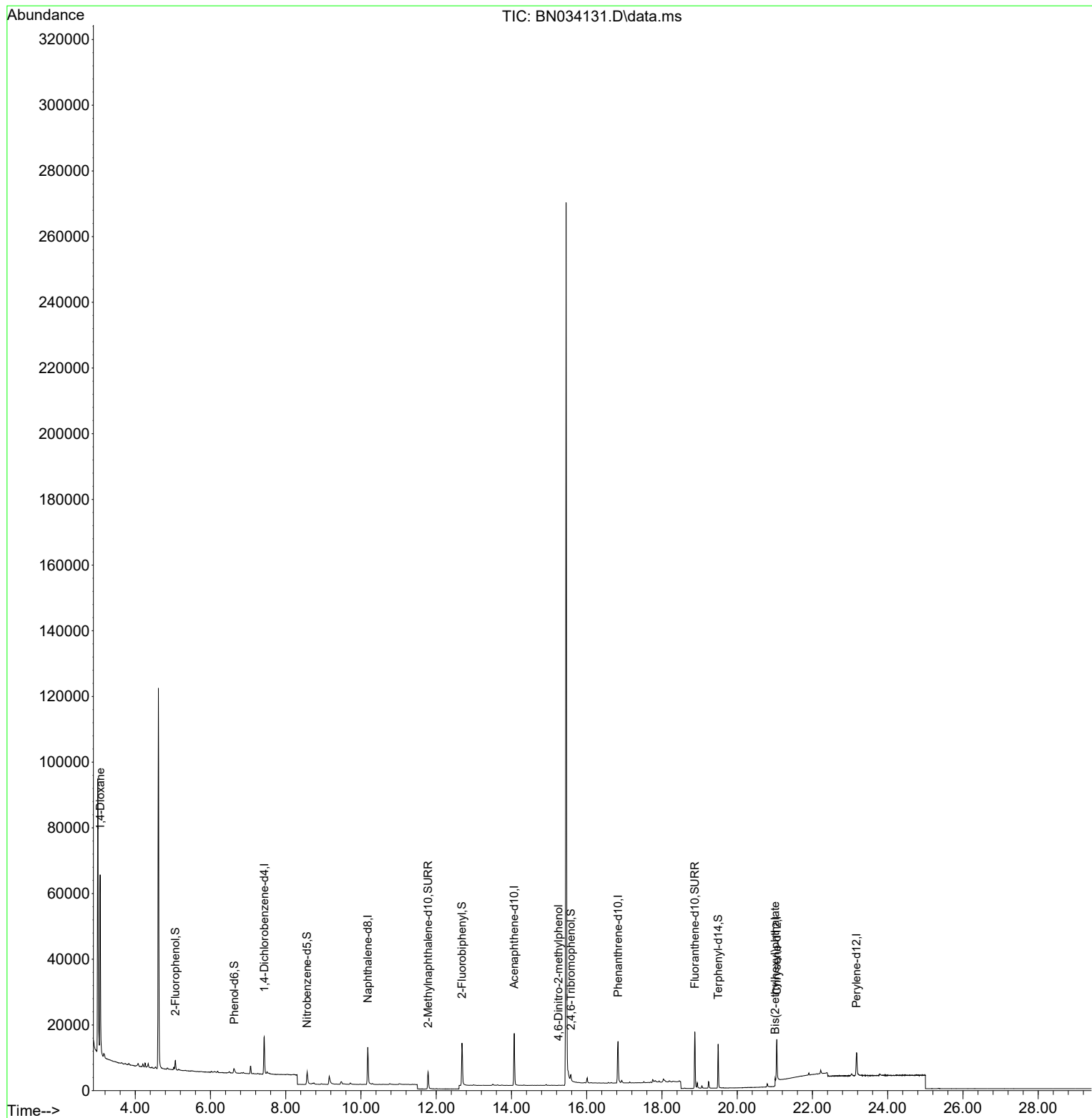
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5419	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	15357	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	8820	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18801	0.400	ng	0.00
29) Chrysene-d12	21.053	240	12931	0.400	ng	0.00
35) Perylene-d12	23.171	264	9999	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	2230	0.145	ng	0.00
5) Phenol-d6	6.629	99	1443	0.081	ng	0.00
8) Nitrobenzene-d5	8.568	82	3825	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7667	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1128	0.282	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	12626	0.352	ng	-0.02
27) Fluoranthene-d10	18.876	212	19403	0.409	ng	-0.01
31) Terphenyl-d14	19.494	244	12565	0.487	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	29524	4.358	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.248	198	2	0.138	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	1418	0.083	ng	# 80

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

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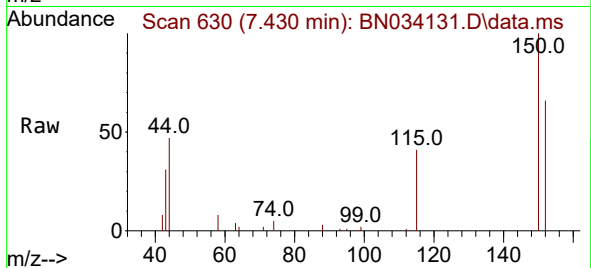
Quant Time: Sep 23 00:00:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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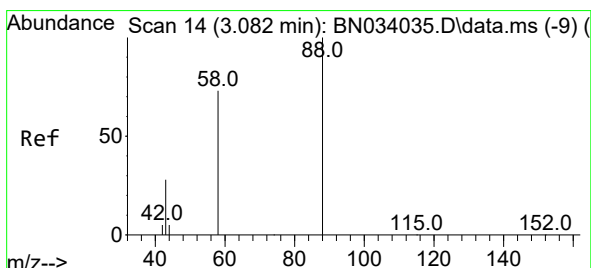
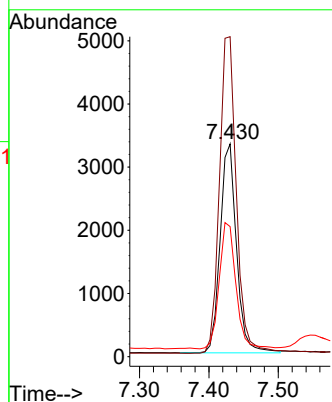
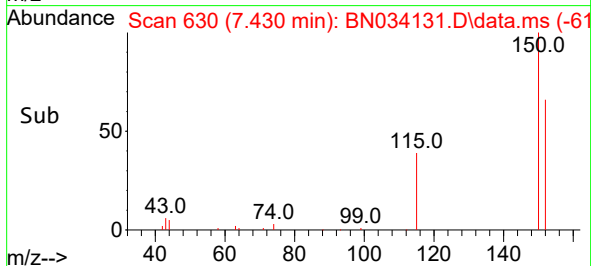


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

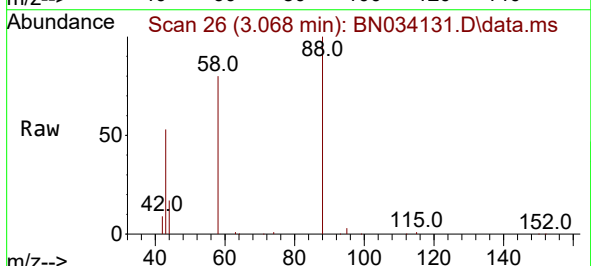
Instrument :
BNA_N
ClientSampleId :
RE132D3-20240918



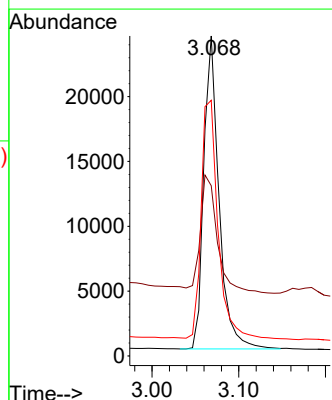
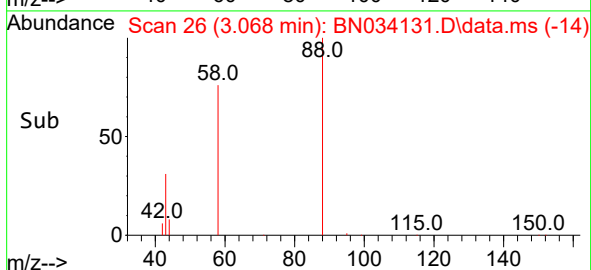
Tgt Ion:152 Resp: 5419
Ion Ratio Lower Upper
152 100
150 150.4 124.6 187.0
115 61.1 50.0 75.0



#2
1,4-Dioxane
Concen: 4.358 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03



Tgt Ion: 88 Resp: 29524
Ion Ratio Lower Upper
88 100
43 42.5 25.8 38.8#
58 84.0 58.8 88.2

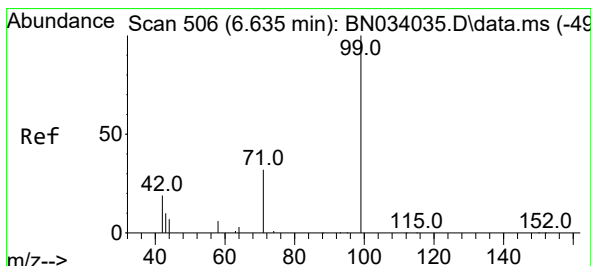
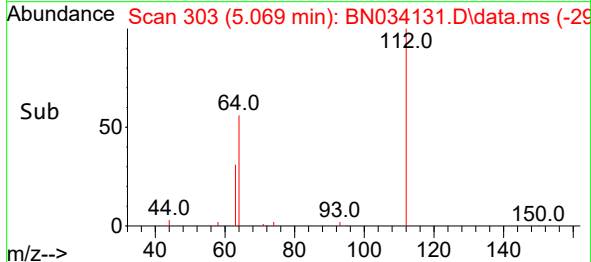
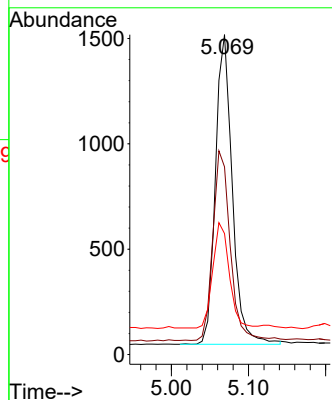
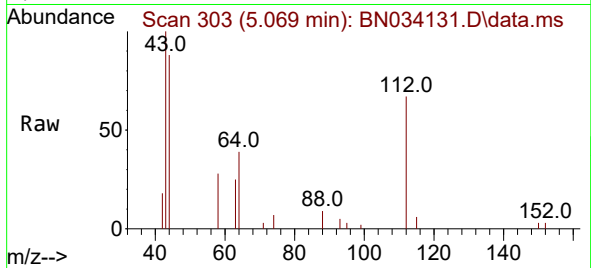




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

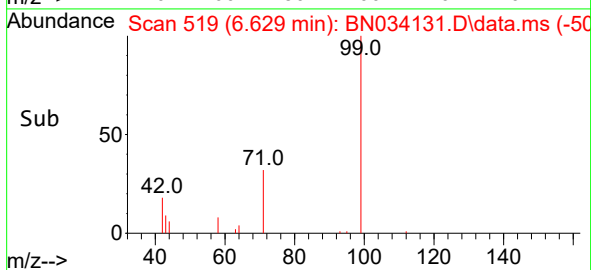
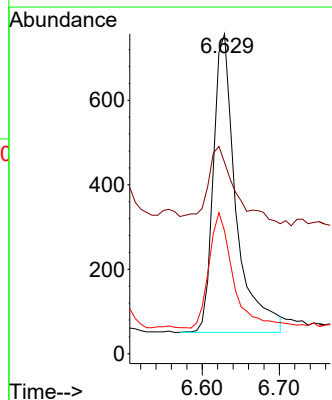
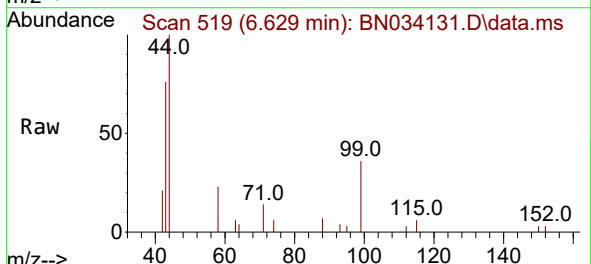
Instrument :
BNA_N
ClientSampleId :
RE132D3-20240918

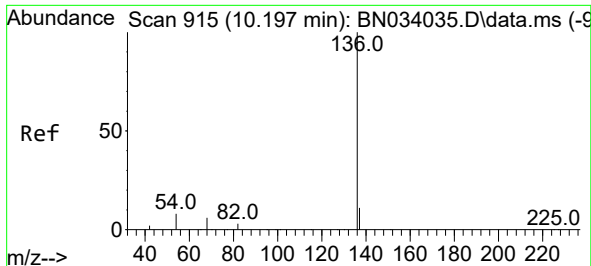
Tgt Ion:112 Resp: 2230
Ion Ratio Lower Upper
112 100
64 63.0 48.6 72.8
63 33.1 25.6 38.4



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

Tgt Ion: 99 Resp: 1443
Ion Ratio Lower Upper
99 100
42 31.1 17.8 26.8#
71 40.5 26.2 39.2#

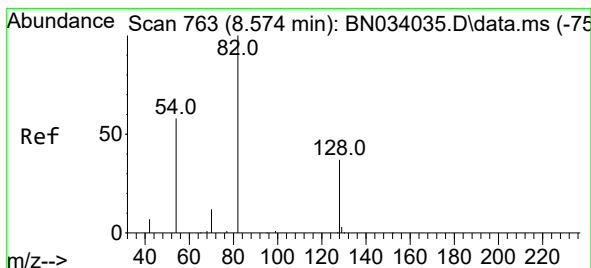
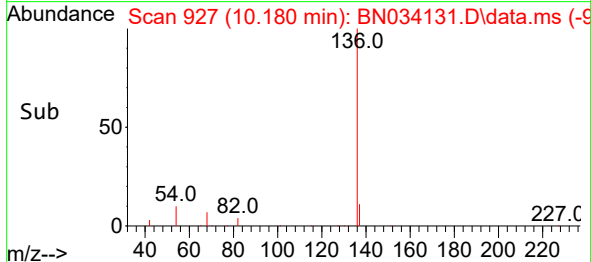
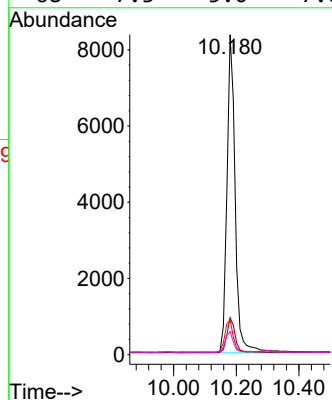
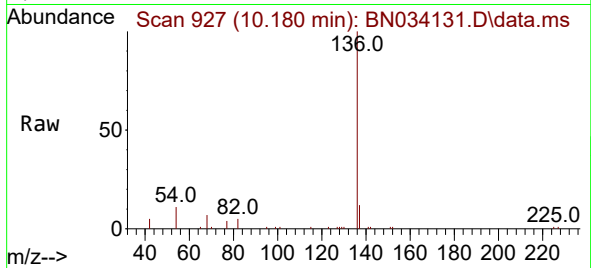




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

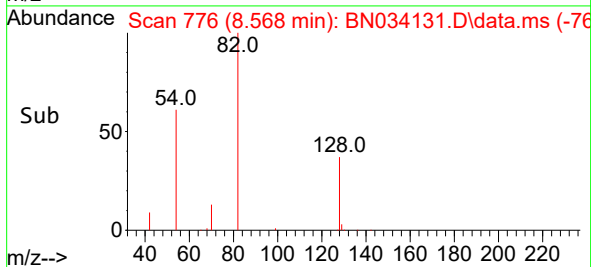
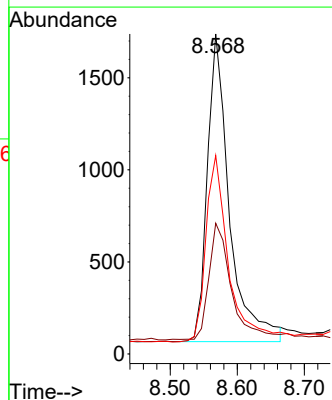
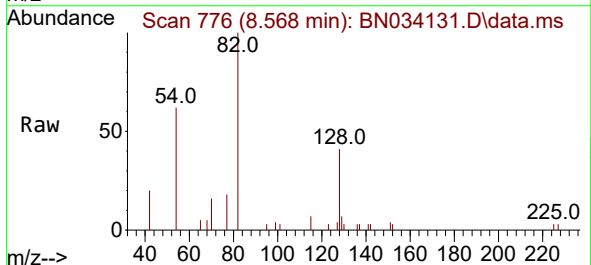
Instrument :
BNA_N
ClientSampleId :
RE132D3-20240918

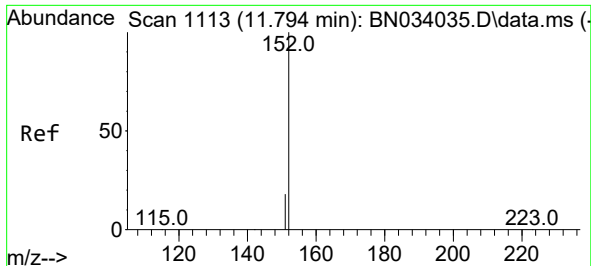
Tgt Ion:	136	Resp:	15357
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	11.0	6.8	10.2#
68	7.3	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

Tgt Ion:	82	Resp:	3825
Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.4	47.2
54	62.0	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.338 ng

RT: 11.784 min Scan# 1113

Delta R.T. -0.010 min

Lab File: BN034131.D

Acq: 21 Sep 2024 19:03

Instrument :

BNA_N

ClientSampleId :

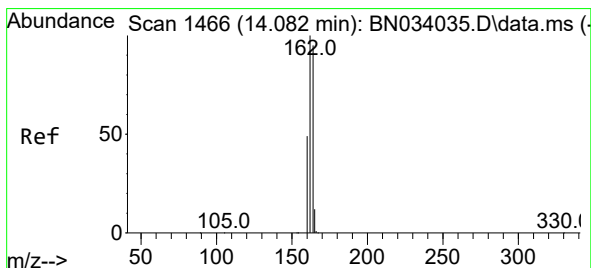
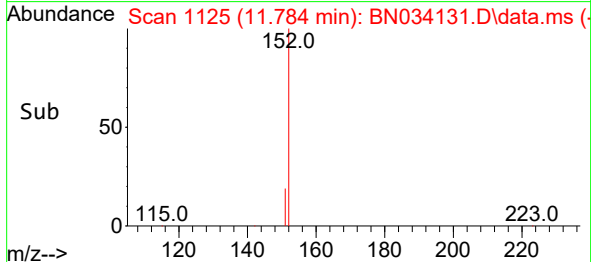
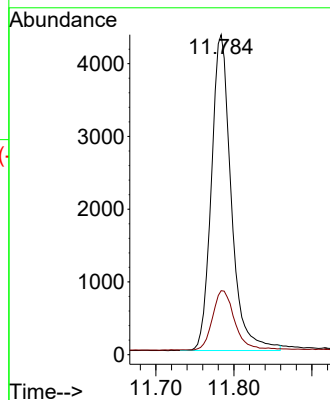
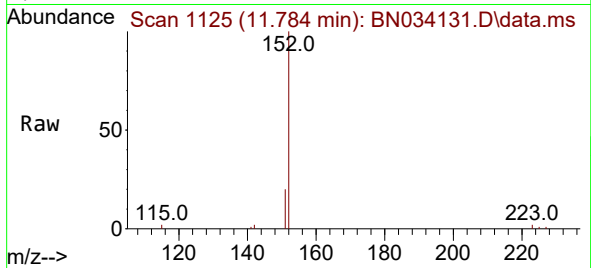
RE132D3-20240918

Tgt Ion:152 Resp: 7667

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.072 min Scan# 1480

Delta R.T. -0.009 min

Lab File: BN034131.D

Acq: 21 Sep 2024 19:03

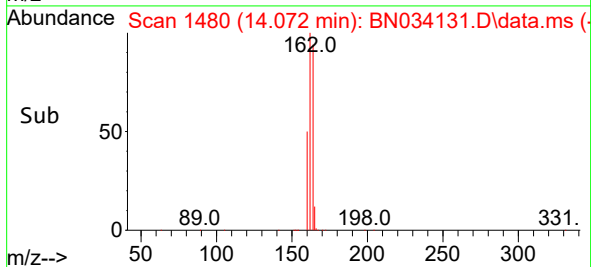
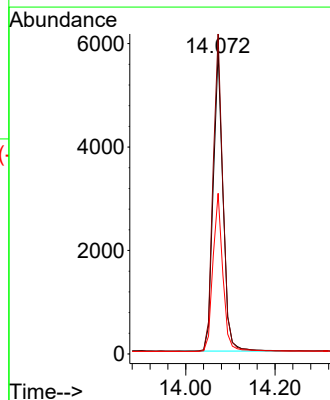
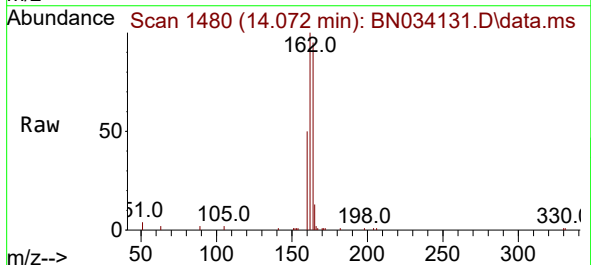
Tgt Ion:164 Resp: 8820

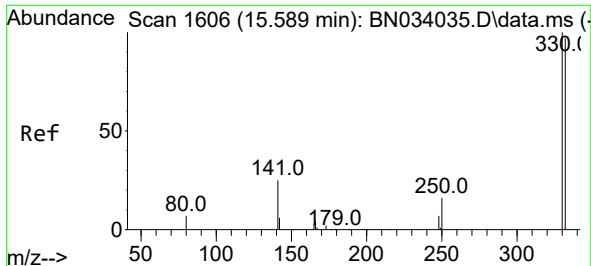
Ion Ratio Lower Upper

164 100

162 105.8 84.2 126.2

160 53.1 41.7 62.5

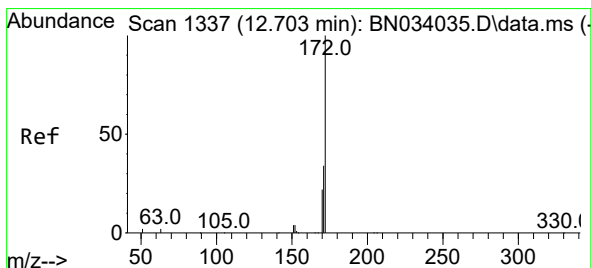
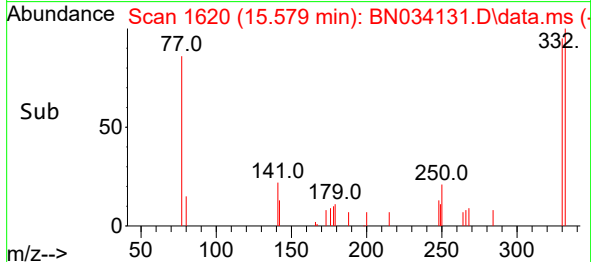
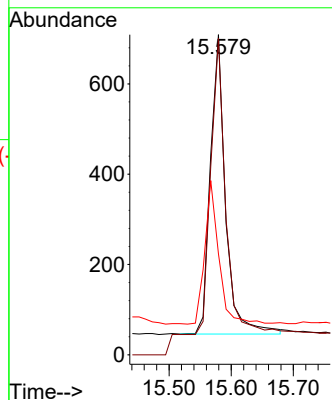
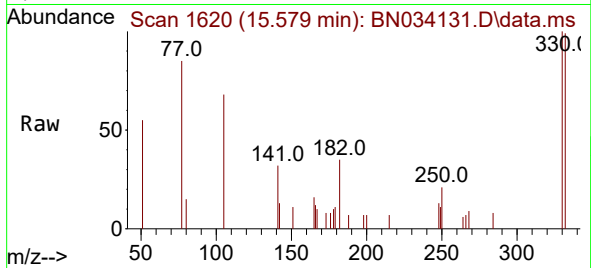




#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

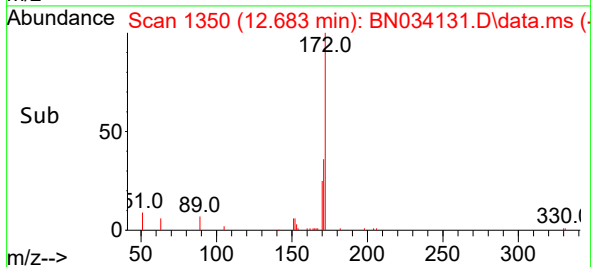
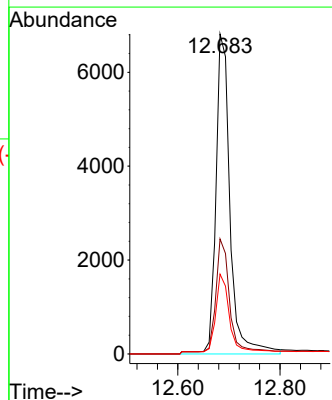
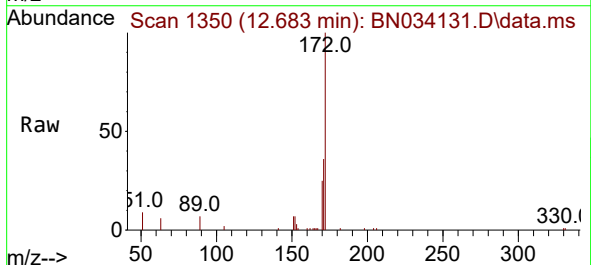
Instrument :
BNA_N
ClientSampleId :
RE132D3-20240918

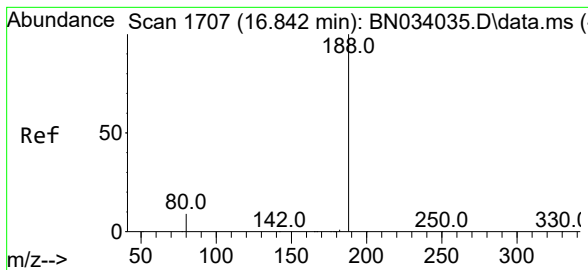
Tgt Ion:330 Resp: 1128
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 43.5 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

Tgt Ion:172 Resp: 12626
Ion Ratio Lower Upper
172 100
171 35.9 27.3 40.9
170 24.9 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 11

Delta R.T. -0.009 min

Lab File: BN034131.D

Acq: 21 Sep 2024 19:03

Instrument :

BNA_N

ClientSampleId :

RE132D3-20240918

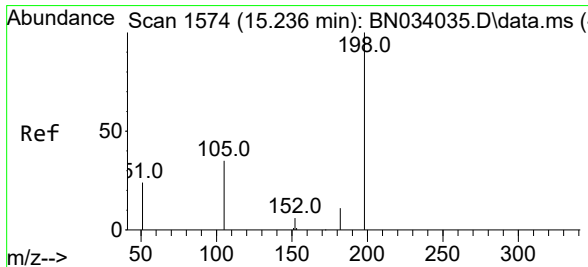
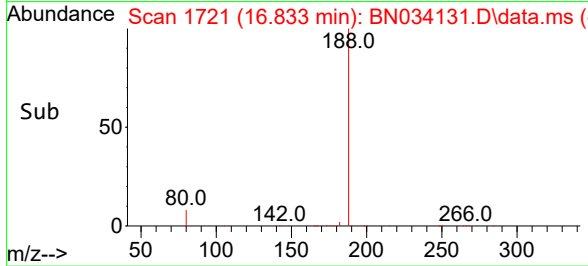
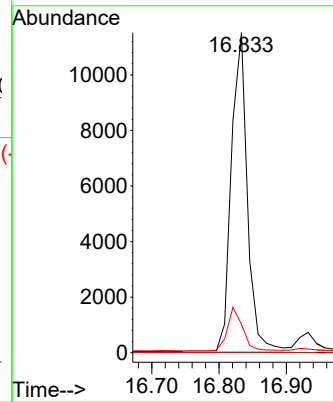
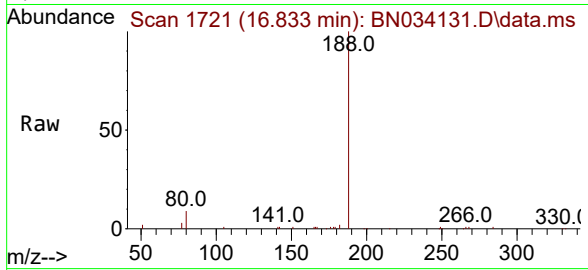
Tgt Ion:188 Resp: 18801

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 15.248 min Scan# 1590

Delta R.T. 0.012 min

Lab File: BN034131.D

Acq: 21 Sep 2024 19:03

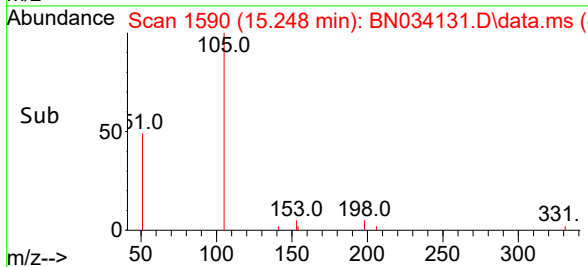
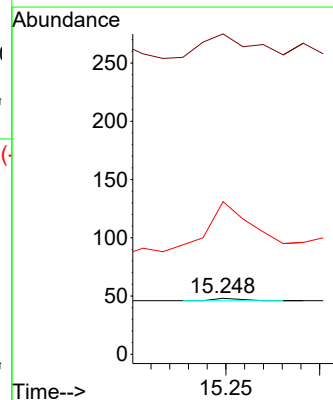
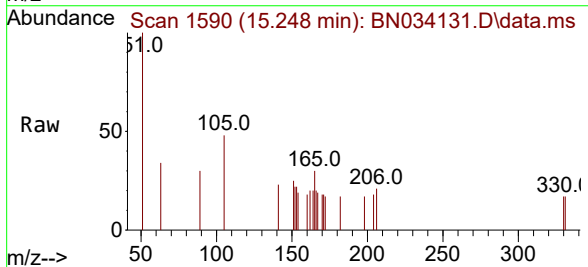
Tgt Ion:198 Resp: 2

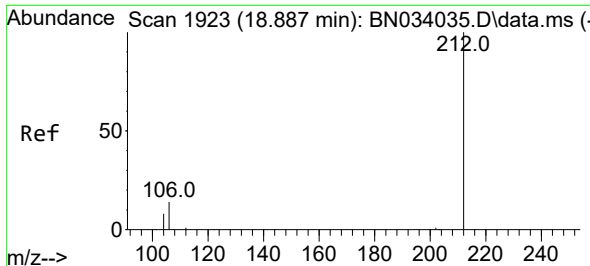
Ion Ratio Lower Upper

198 100

51 572.9 106.4 159.6#

105 272.9 38.5 57.7#

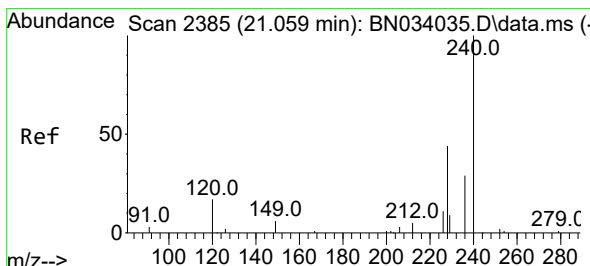
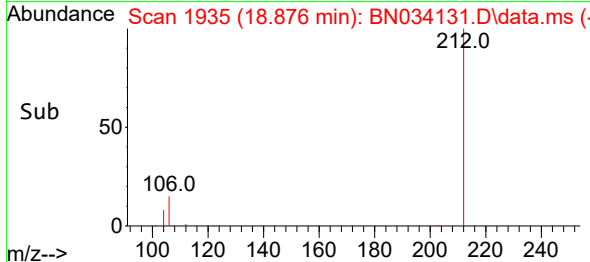
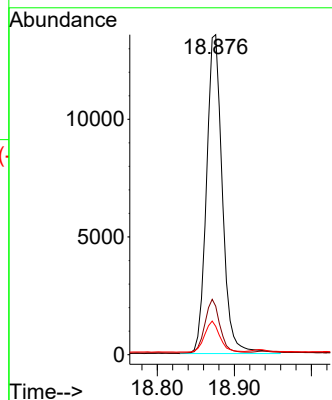
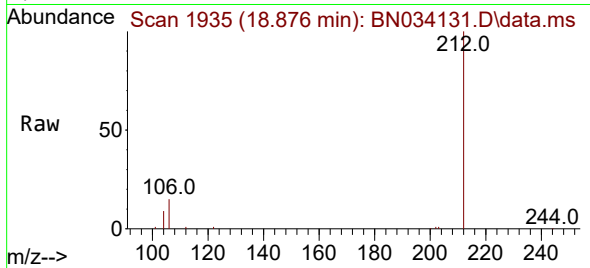




#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

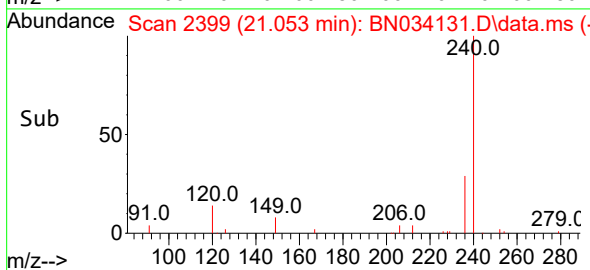
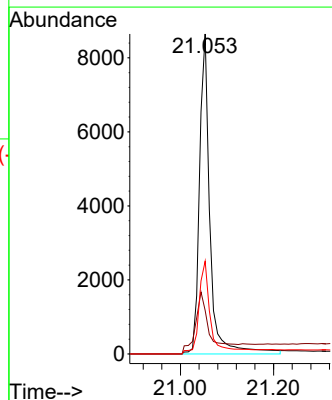
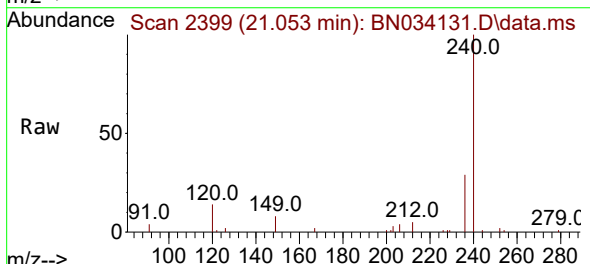
Instrument :
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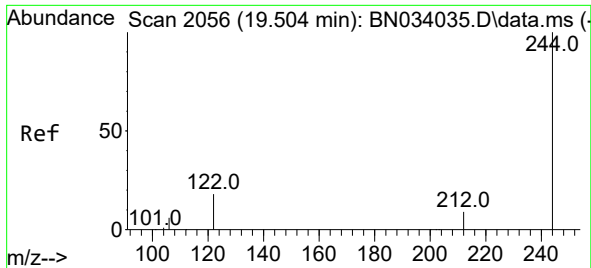
Tgt Ion:212 Resp: 19403
Ion Ratio Lower Upper
212 100
106 15.9 13.4 20.2
104 9.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

Tgt Ion:240 Resp: 12931
Ion Ratio Lower Upper
240 100
120 13.6 13.5 20.3
236 29.0 23.4 35.0

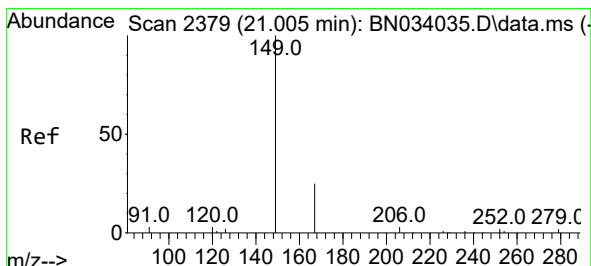
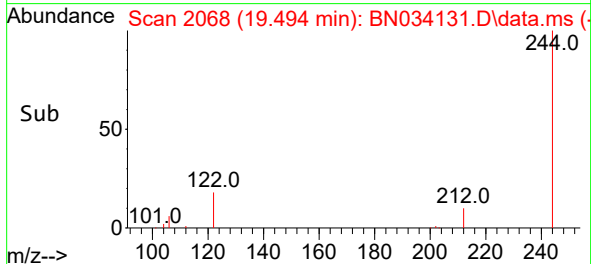
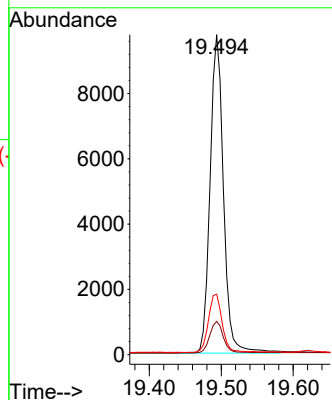
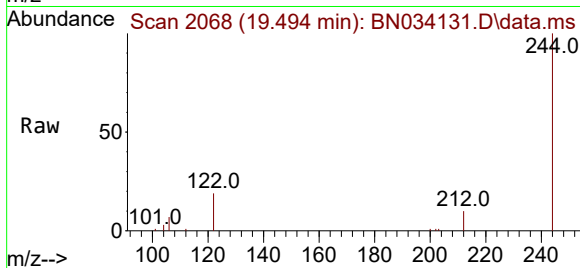




#31
Terphenyl-d14
Concen: 0.487 ng
RT: 19.494 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

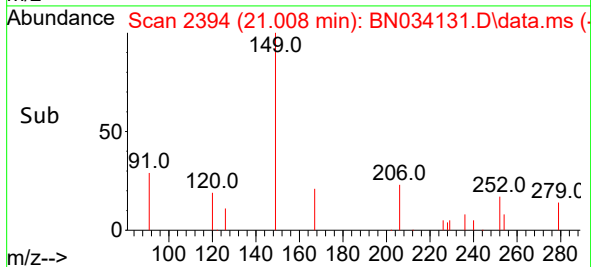
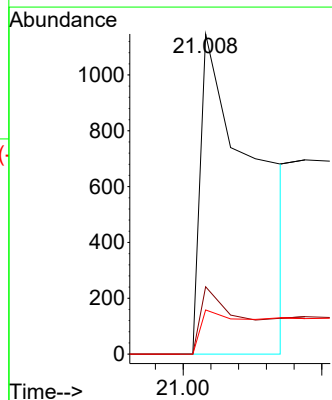
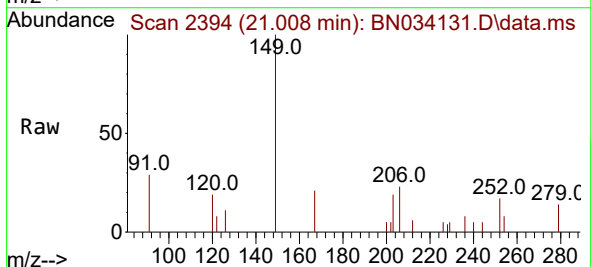
Instrument :
BNA_N
ClientSampleId :
RE132D3-20240918

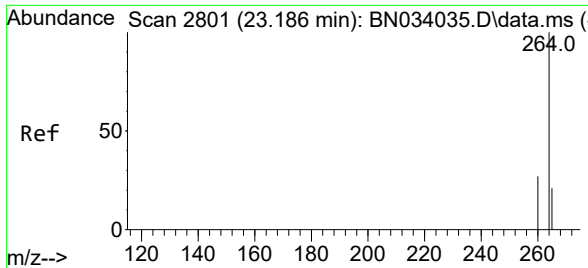
Tgt Ion:244 Resp: 12565
Ion Ratio Lower Upper
244 100
212 10.4 7.8 11.6
122 18.9 14.8 22.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

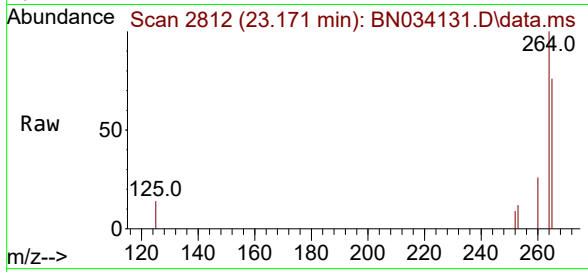
Tgt Ion:149 Resp: 1418
Ion Ratio Lower Upper
149 100
167 14.5 19.9 29.9#
279 11.7 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.171 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN034131.D
Acq: 21 Sep 2024 19:03

Instrument :
BNA_N
ClientSampleId :
RE132D3-20240918



Tgt Ion:264 Resp: 9999
Ion Ratio Lower Upper
264 100
260 26.5 21.7 32.5
265 75.9 52.1 78.1

