

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030002.D
 Acq On : 24 Feb 2024 20:56
 Operator : MA/JU
 Sample : P1520-08
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20240216

Quant Time: Feb 26 02:45:07 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)

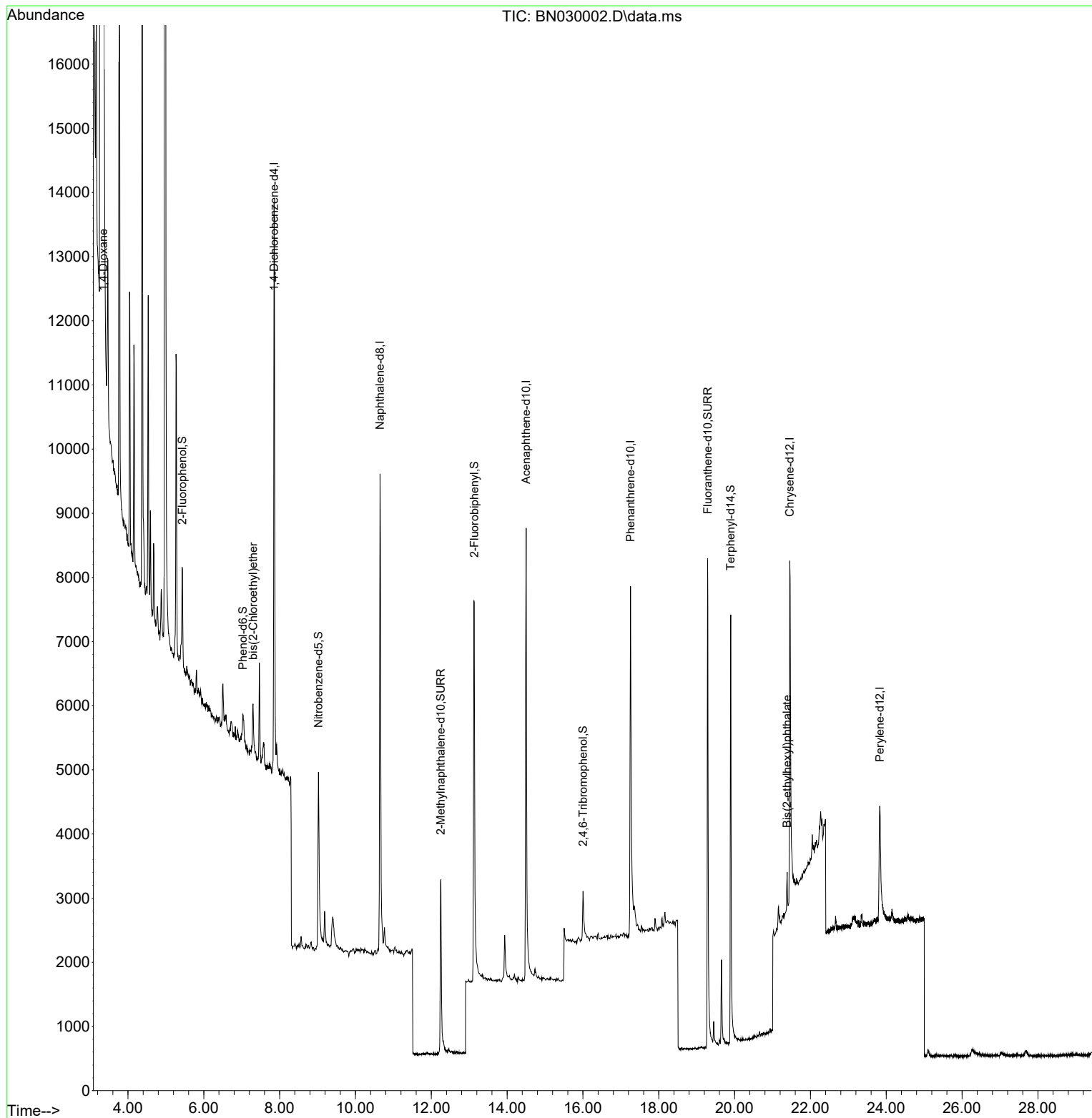
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4646	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11928	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	5283	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	10651	0.400	ng	0.00
29) Chrysene-d12	21.456	240	8295	0.400	ng	0.00
35) Perylene-d12	23.829	264	4161	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1375	0.123	ng	0.00
5) Phenol-d6	7.031	99	725	0.056	ng	0.00
8) Nitrobenzene-d5	9.025	82	3271	0.329	ng	0.01
11) 2-Methylnaphthalene-d10	12.249	152	5163	0.318	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	616	0.363	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	7460	0.329	ng	0.01
27) Fluoranthene-d10	19.289	212	10681	0.414	ng	0.00
31) Terphenyl-d14	19.898	244	8391	0.408	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	25558	3.908	ng	97
6) bis(2-Chloroethyl)ether	7.298	93	720	0.059	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.384	149	857	0.044	ng	# 93

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

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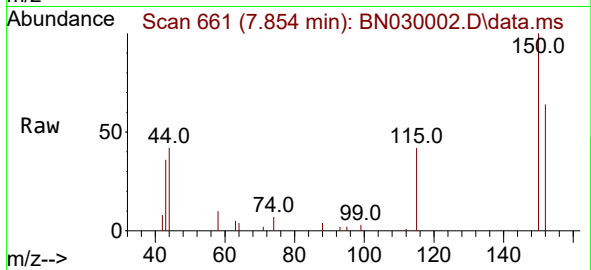
Quant Time: Feb 26 02:45:07 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
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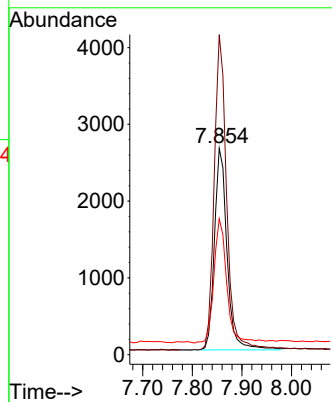
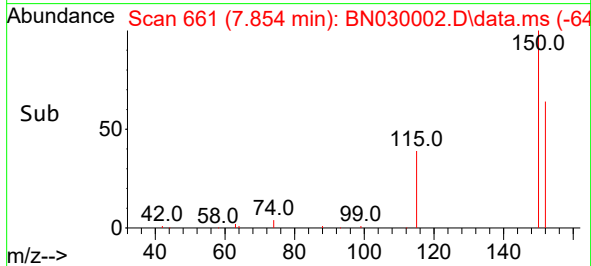


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN030002.D
 Acq: 24 Feb 2024 20:56

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20240216

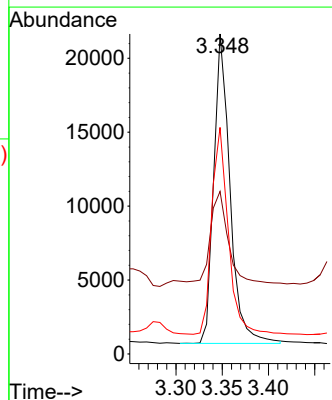
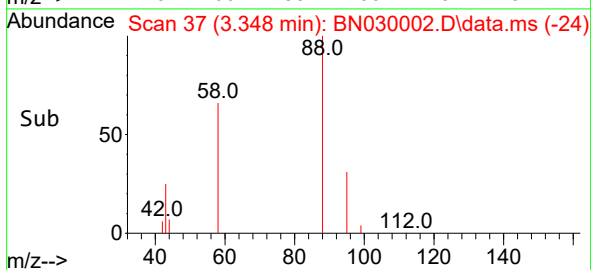
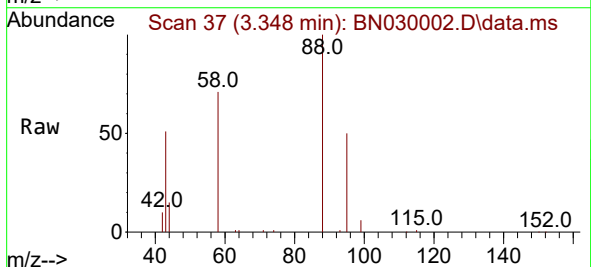


Tgt Ion:152 Resp: 4646
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.0 184.4
 115 65.8 51.4 77.0



#2
 1,4-Dioxane
 Concen: 3.908 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030002.D
 Acq: 24 Feb 2024 20:56

Tgt Ion: 88 Resp: 25558
 Ion Ratio Lower Upper
 88 100
 43 33.5 23.3 34.9
 58 67.7 53.8 80.6

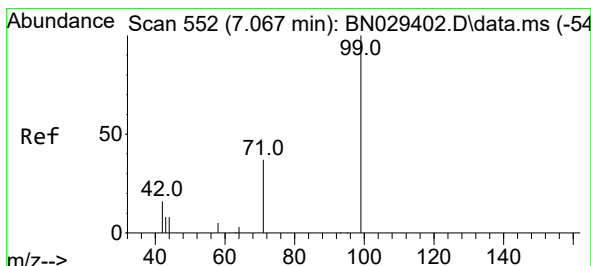
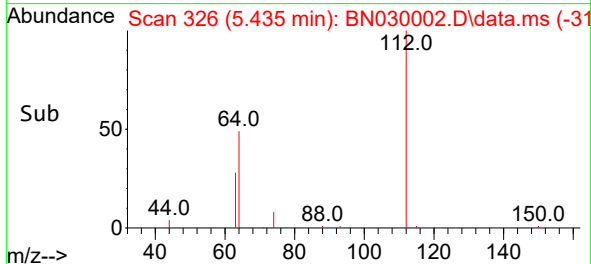
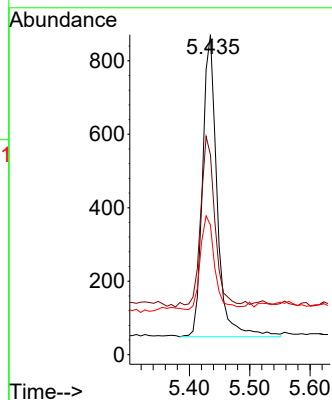
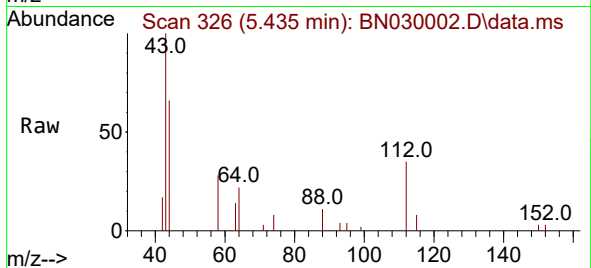




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.435 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

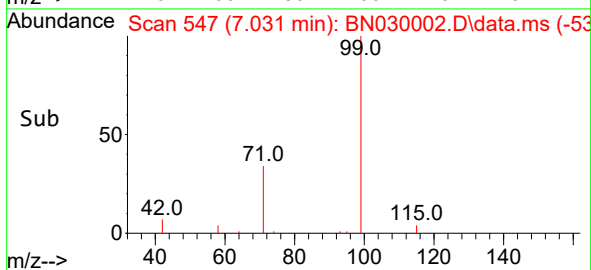
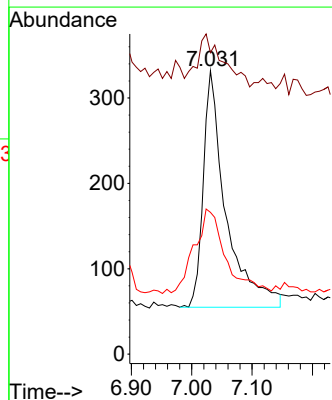
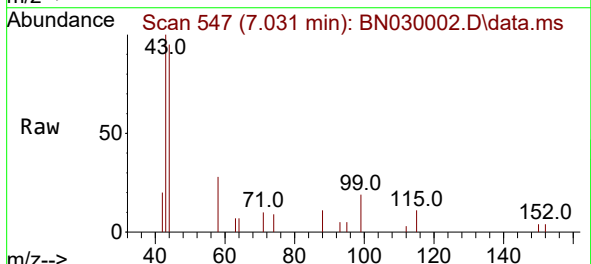
Instrument :
BNA_N
ClientSampleId :
RE105D2-20240216

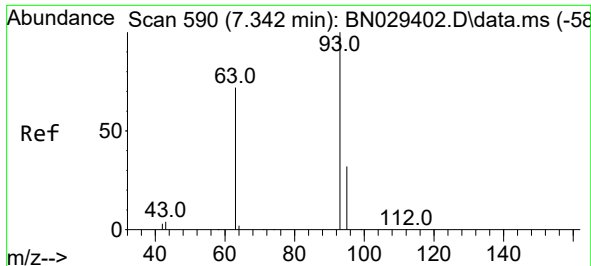
Tgt Ion:112 Resp: 1375
Ion Ratio Lower Upper
112 100
64 55.8 47.2 70.8
63 30.0 25.8 38.6



#5
Phenol-d6
Concen: 0.056 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

Tgt Ion: 99 Resp: 725
Ion Ratio Lower Upper
99 100
42 25.1 16.9 25.3
71 49.4 30.0 45.0#

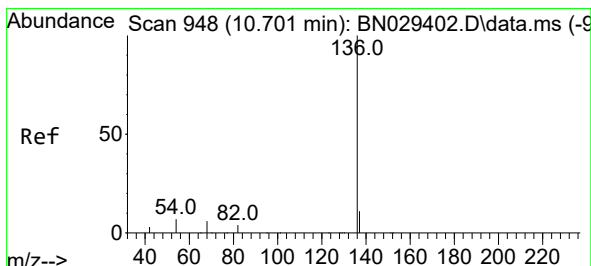
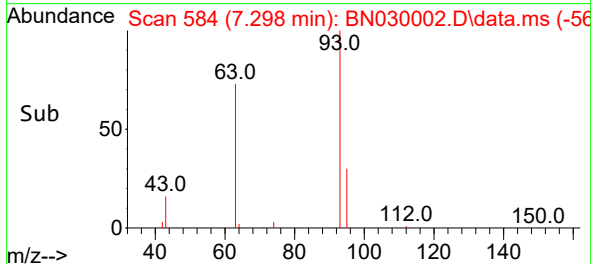
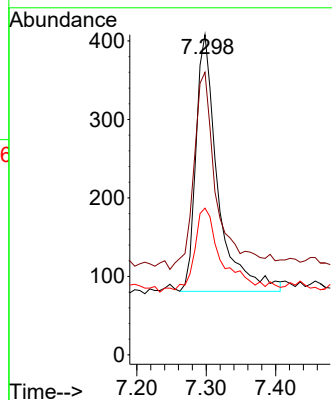
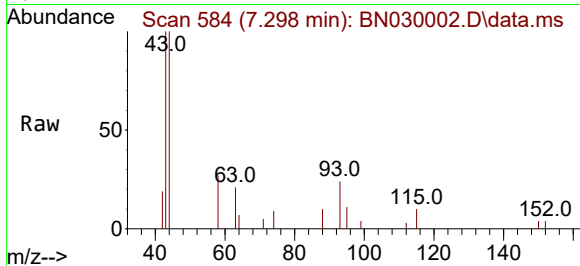




#6
bis(2-Chloroethyl)ether
Concen: 0.059 ng
RT: 7.298 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

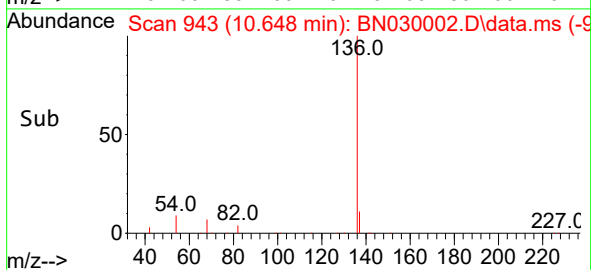
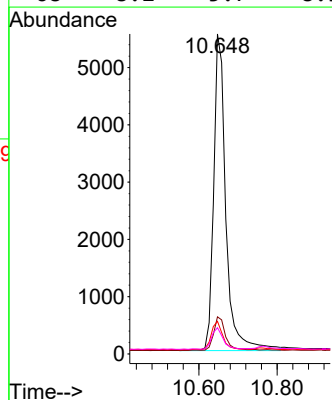
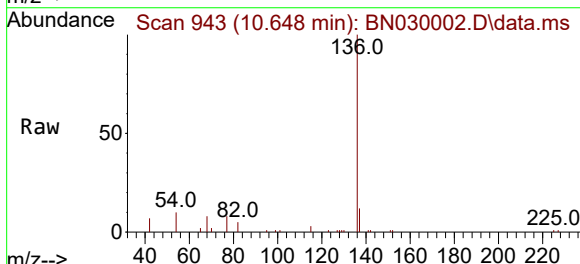
Instrument :
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ClientSampleId :
RE105D2-20240216

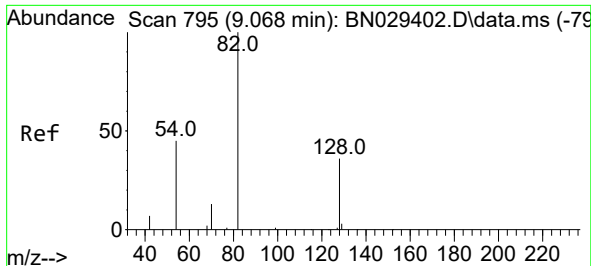
Tgt Ion: 93 Resp: 720
Ion Ratio Lower Upper
93 100
63 82.1 63.1 94.7
95 41.5 27.1 40.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

Tgt Ion: 136 Resp: 11928
Ion Ratio Lower Upper
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137 11.6 9.7 14.5
54 10.2 6.6 10.0#
68 8.2 5.7 8.5

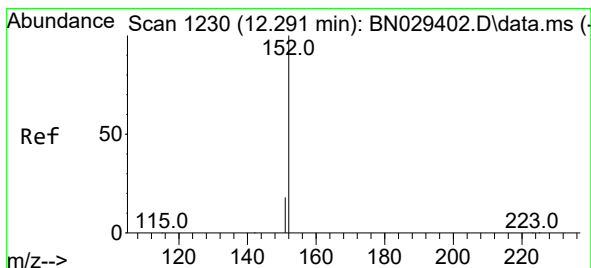
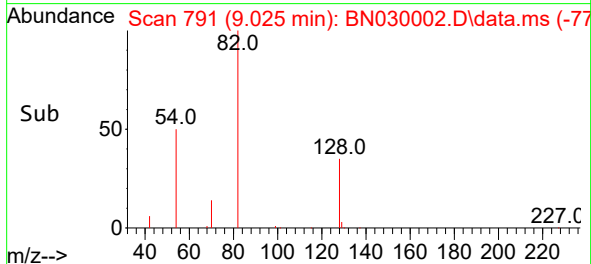
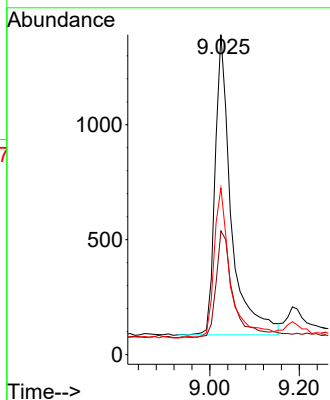
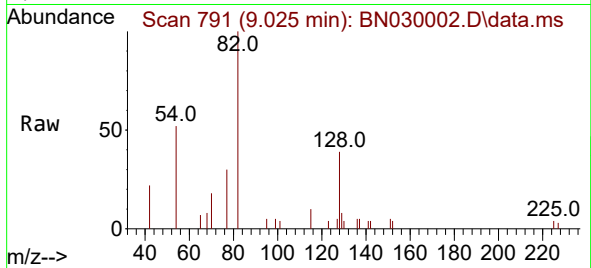




#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 9.025 min Scan# 795
Delta R.T. 0.011 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

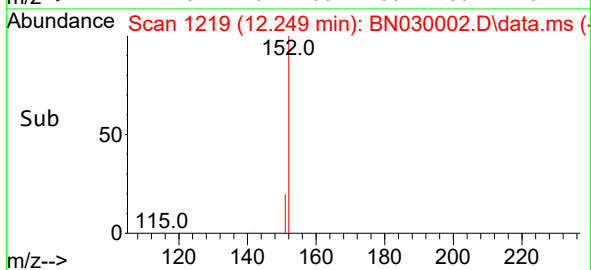
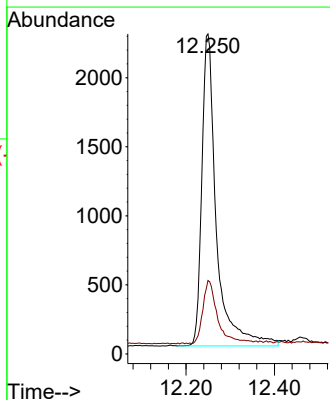
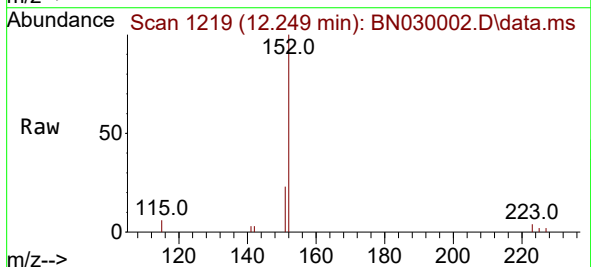
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BNA_N
ClientSampleId :
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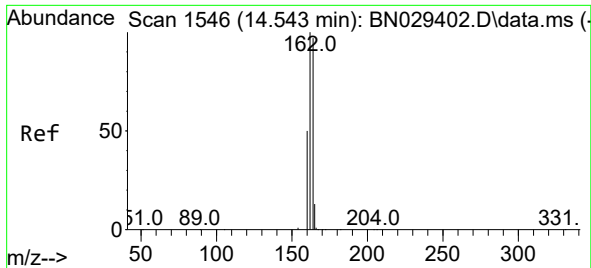
Tgt Ion: 82 Resp: 3271
Ion Ratio Lower Upper
82 100
128 38.6 31.6 47.4
54 52.2 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.249 min Scan# 1219
Delta R.T. 0.004 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

Tgt Ion: 152 Resp: 5163
Ion Ratio Lower Upper
152 100
151 20.2 17.1 25.7

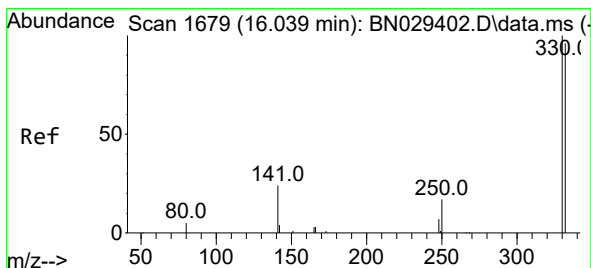
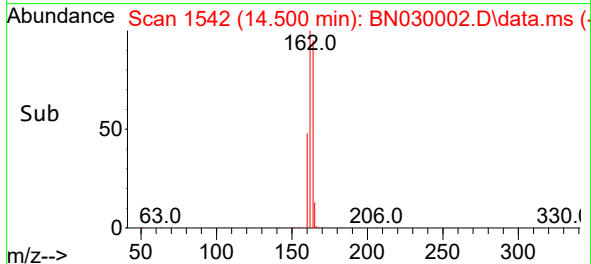
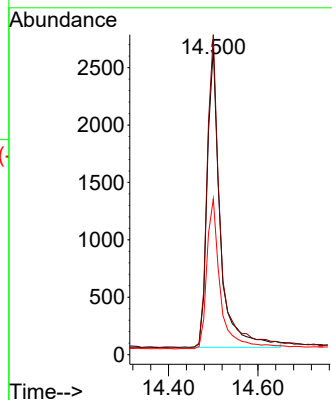
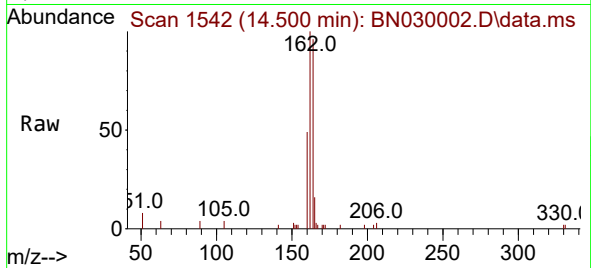




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

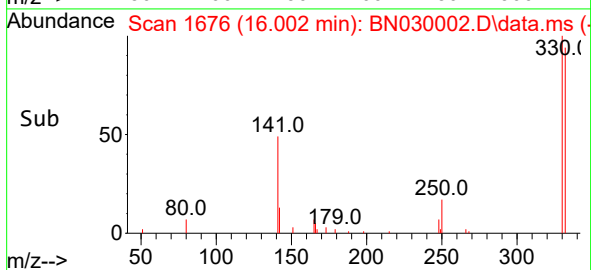
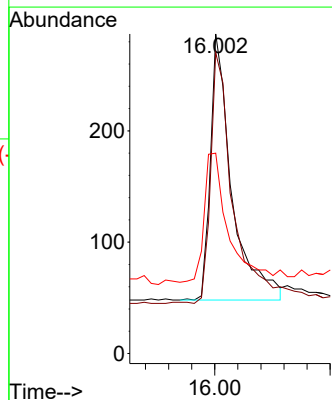
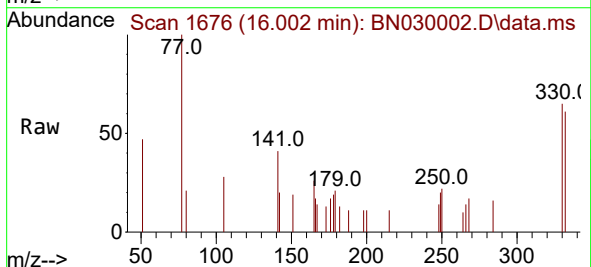
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RE105D2-20240216

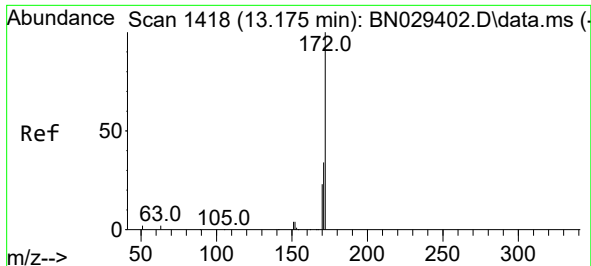
Tgt Ion:164 Resp: 5283
Ion Ratio Lower Upper
164 100
162 104.3 82.6 123.8
160 50.8 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 16.002 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

Tgt Ion:330 Resp: 616
Ion Ratio Lower Upper
330 100
332 94.8 76.0 114.0
141 54.4 43.4 65.2

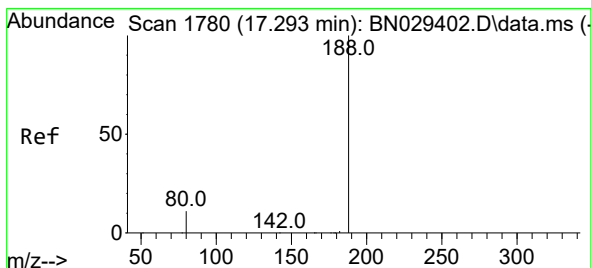
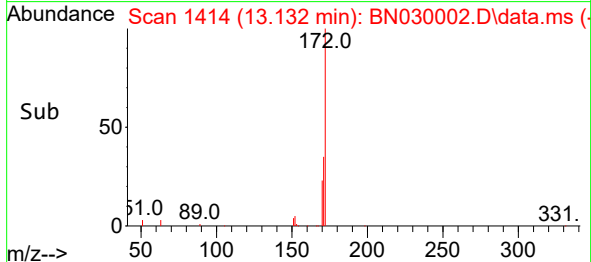
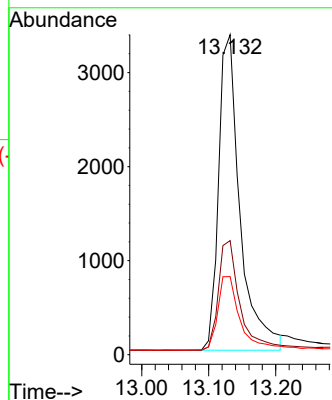
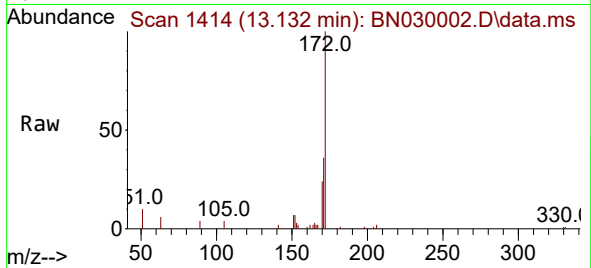




#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.132 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

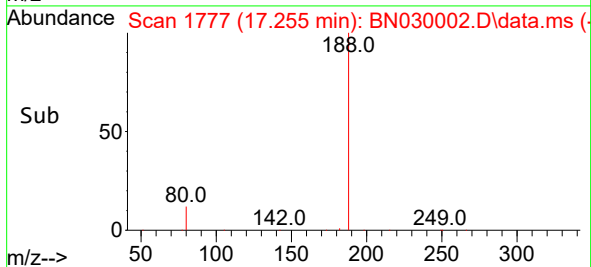
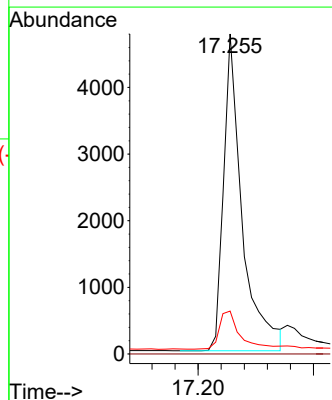
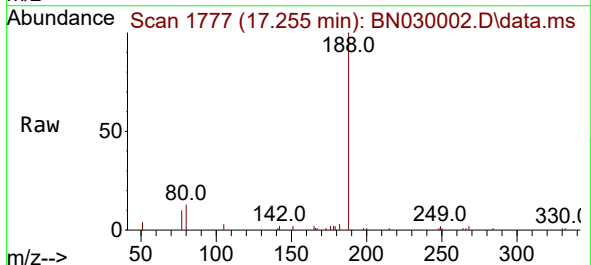
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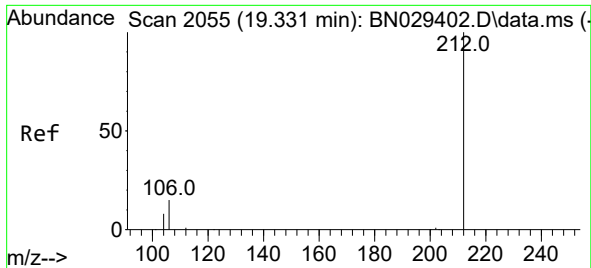
Tgt Ion:172 Resp: 7460
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 24.4 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

Tgt Ion:188 Resp: 10651
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 10.0 15.0

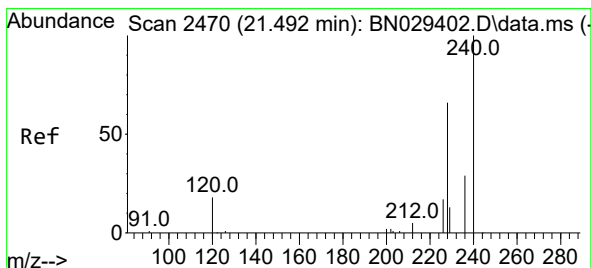
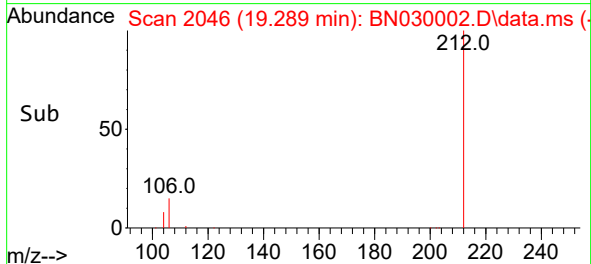
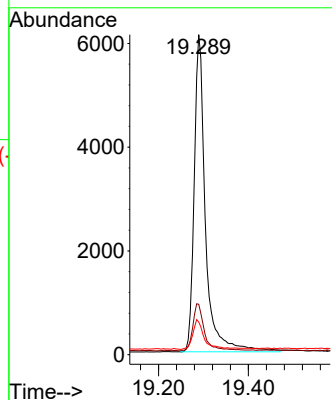
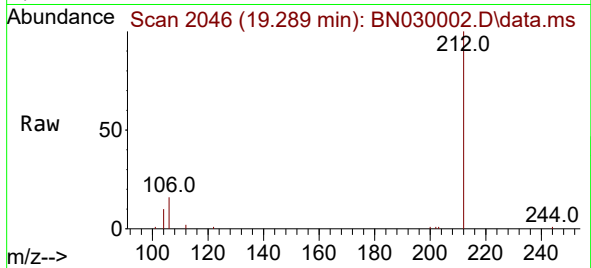




#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.289 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

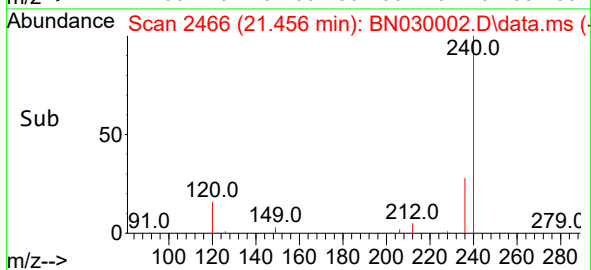
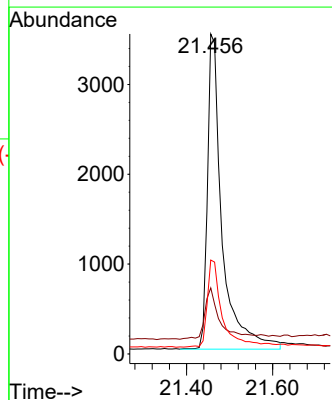
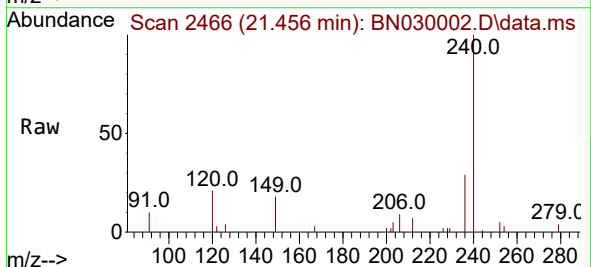
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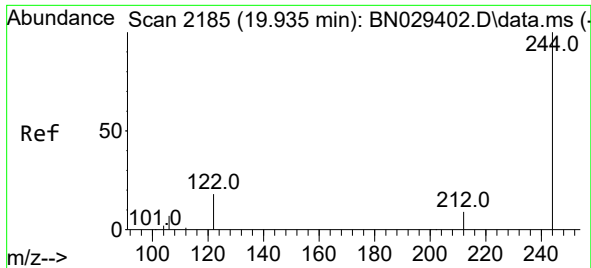
Tgt Ion:212 Resp: 10681
Ion Ratio Lower Upper
212 100
106 15.2 13.2 19.8
104 9.3 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

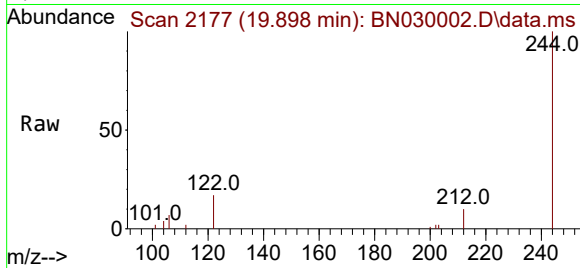
Tgt Ion:240 Resp: 8295
Ion Ratio Lower Upper
240 100
120 20.6 16.7 25.1
236 29.3 23.9 35.9



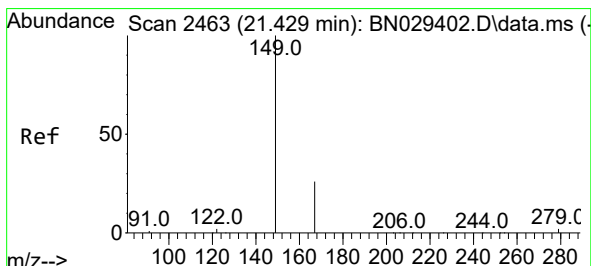
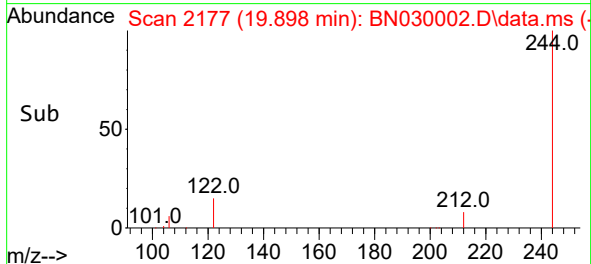
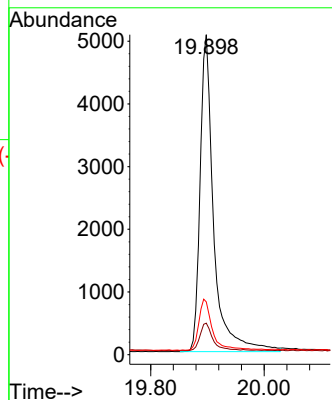


#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.898 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

Instrument :
BNA_N
ClientSampleId :
RE105D2-20240216

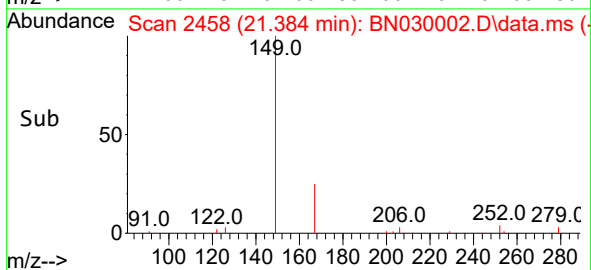
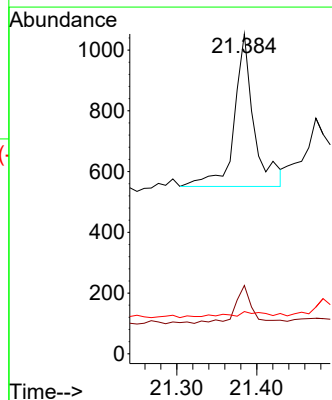
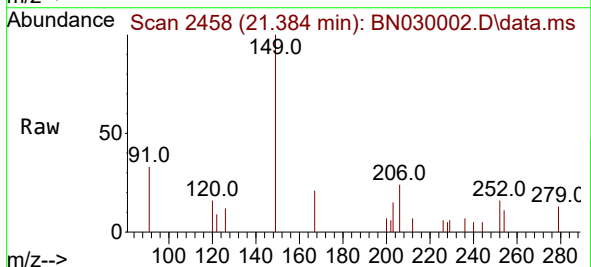


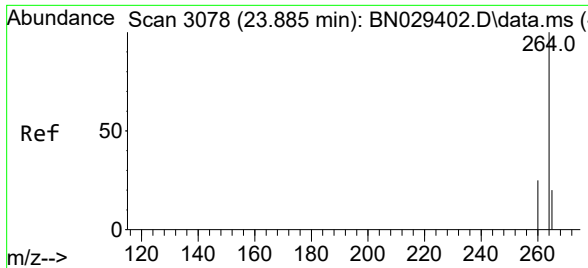
Tgt Ion:244 Resp: 8391
Ion Ratio Lower Upper
244 100
212 9.8 8.2 12.4
122 16.5 15.6 23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.044 ng
RT: 21.384 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BN030002.D
Acq: 24 Feb 2024 20:56

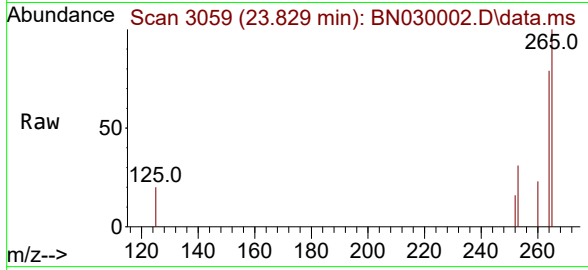
Tgt Ion:149 Resp: 857
Ion Ratio Lower Upper
149 100
167 22.2 20.1 30.1
279 7.9 2.5 3.7#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.829 min Scan# 30
 Delta R.T. 0.009 min
 Lab File: BN030002.D
 Acq: 24 Feb 2024 20:56

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20240216



Tgt Ion:264 Resp: 4161
 Ion Ratio Lower Upper
 264 100
 260 29.2 21.2 31.8
 265 126.4 41.5 62.3#

