

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022955.D
 Acq On : 29 Nov 2022 16:26
 Operator : CG/JU
 Sample : N5671-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20221115

Quant Time: Nov 30 08:21:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 00:45:21 2022
 Response via : Initial Calibration

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

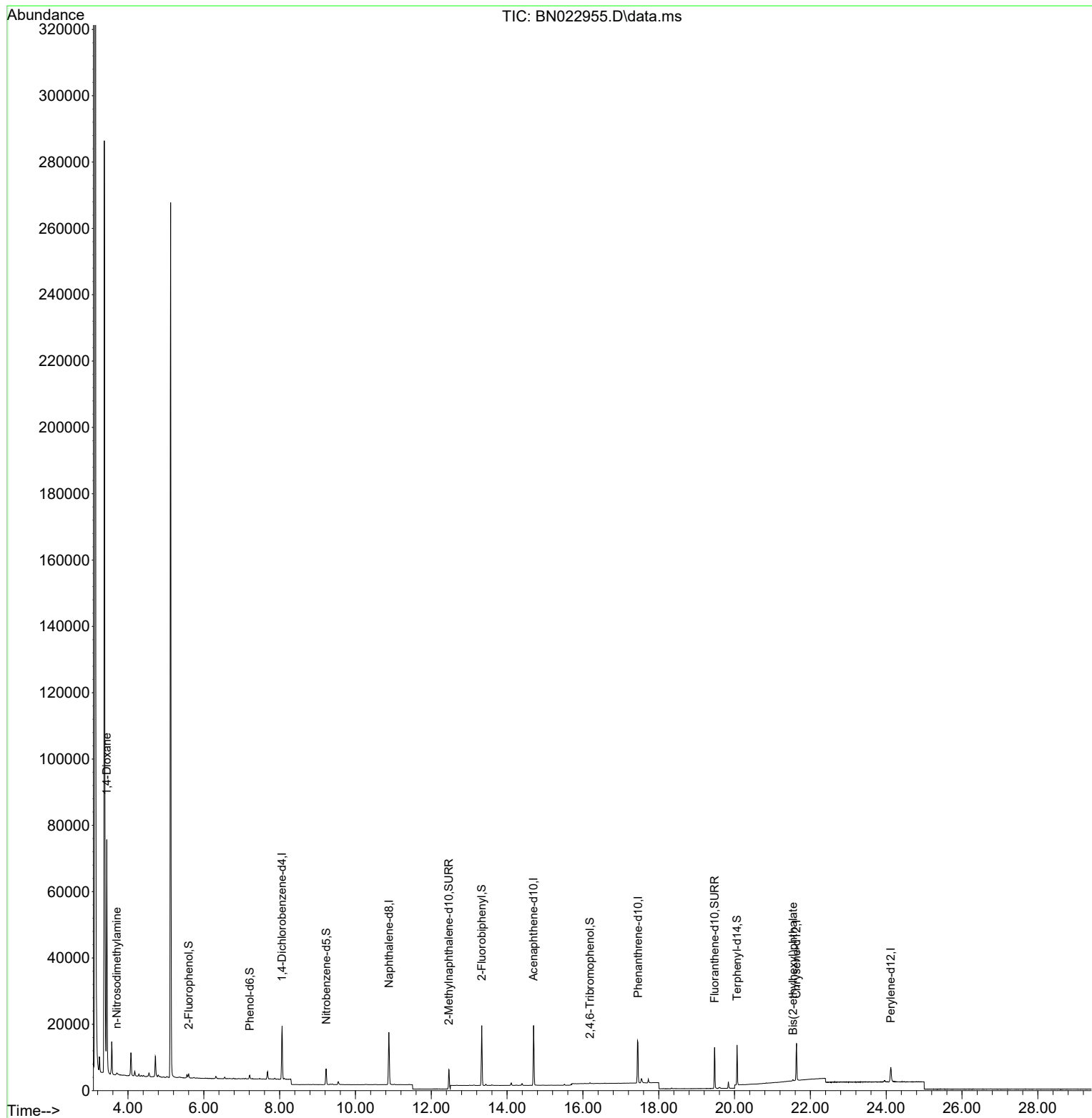
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	7198	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	19584	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	9594	0.400	ng	0.00
19) Phenanthrene-d10	17.452	188	19138	0.400	ng	# 0.01
29) Chrysene-d12	21.634	240	10032	0.400	ng	# 0.00
35) Perylene-d12	24.120	264	6800	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	958	0.051	ng	0.00
5) Phenol-d6	7.212	99	964	0.040	ng	0.00
8) Nitrobenzene-d5	9.227	82	3748	0.246	ng	0.00
11) 2-Methylnaphthalene-d10	12.465	152	9225	0.217	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	151	0.033	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	14208	0.324	ng	0.00
27) Fluoranthene-d10	19.473	212	13047	0.251	ng	0.00
31) Terphenyl-d14	20.067	244	9508	0.403	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.442	88	40714	4.457	ng	98
3) n-Nitrosodimethylamine	3.701	42	219	0.022	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.544	149	537	0.033	ng	# 91

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

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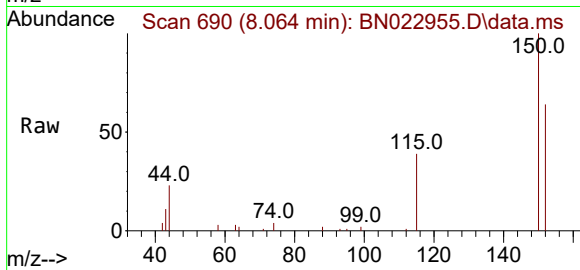
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration



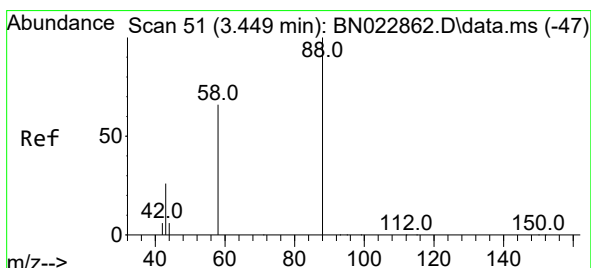
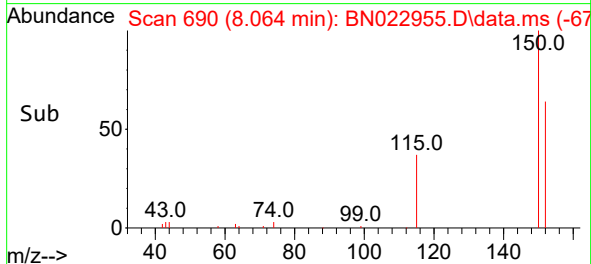
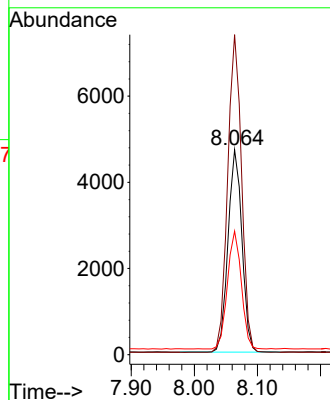


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN022955.D
Acq: 29 Nov 2022 16:26

Instrument :
BNA_N
ClientSampleId :
RE134D3-20221115

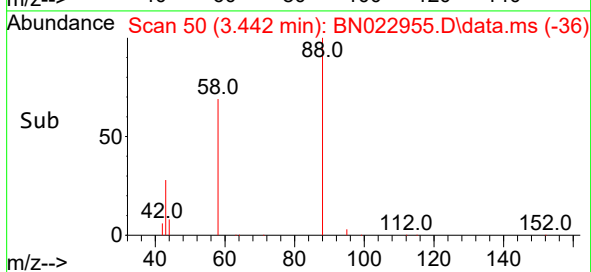
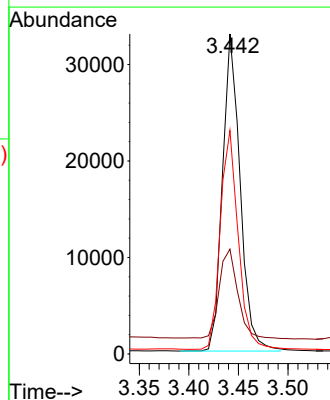
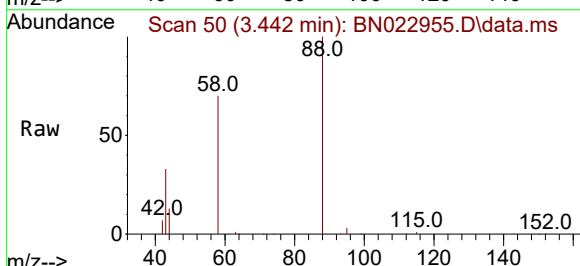


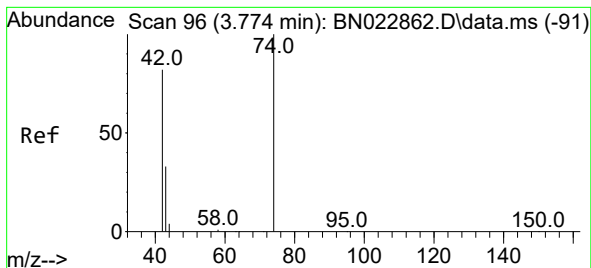
Tgt Ion:152 Resp: 7198
Ion Ratio Lower Upper
152 100
150 156.1 121.2 181.8
115 60.3 46.2 69.4



#2
1,4-Dioxane
Concen: 4.457 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022955.D
Acq: 29 Nov 2022 16:26

Tgt Ion: 88 Resp: 40714
Ion Ratio Lower Upper
88 100
43 29.5 25.4 38.2
58 69.9 56.5 84.7





#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.701 min Scan# 80

Delta R.T. -0.072 min

Lab File: BN022955.D

Acq: 29 Nov 2022 16:26

Instrument :

BNA_N

ClientSampleId :

RE134D3-20221115

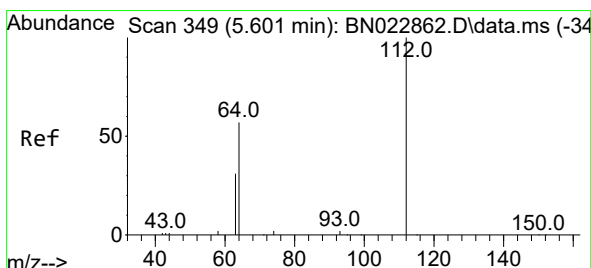
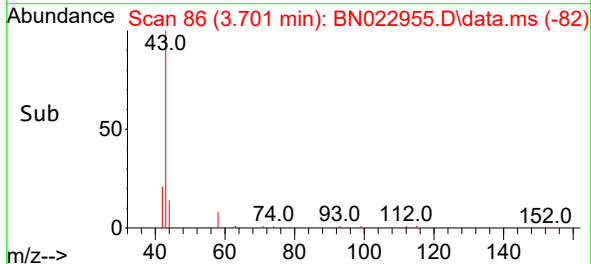
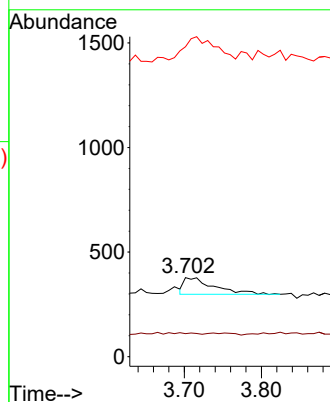
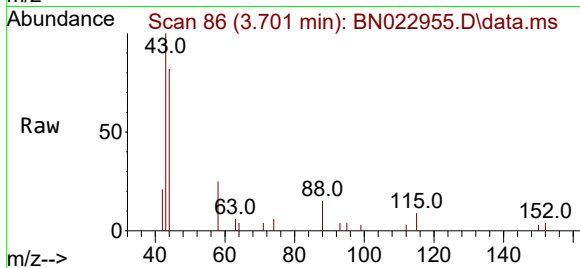
Tgt Ion: 42 Resp: 219

Ion Ratio Lower Upper

42 100

74 0.0 99.3 148.9#

44 125.1 5.4 8.2#



#4

2-Fluorophenol

Concen: 0.051 ng

RT: 5.601 min Scan# 349

Delta R.T. 0.000 min

Lab File: BN022955.D

Acq: 29 Nov 2022 16:26

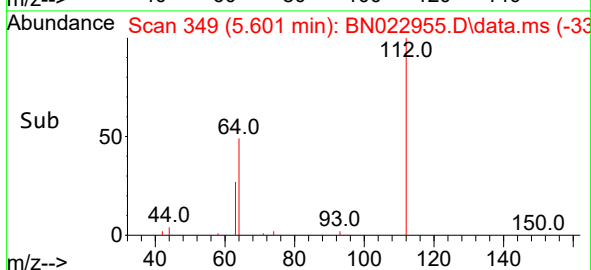
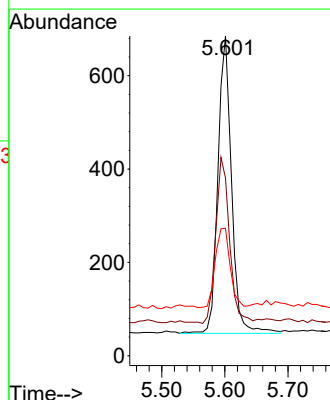
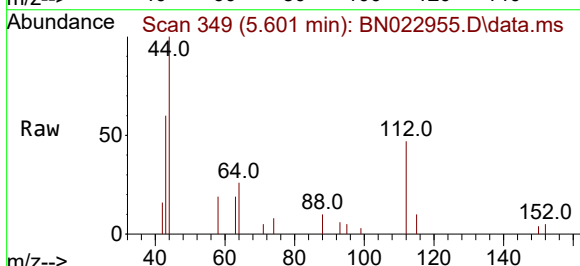
Tgt Ion: 112 Resp: 958

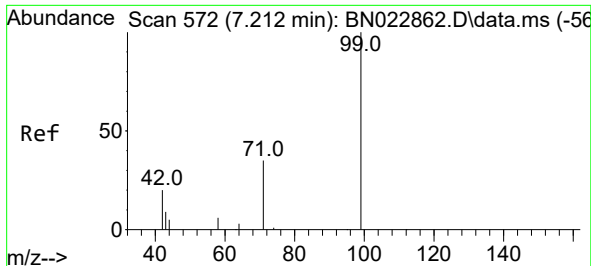
Ion Ratio Lower Upper

112 100

64 54.9 43.4 65.2

63 29.2 23.4 35.2

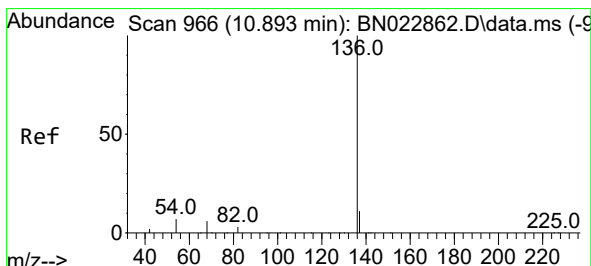
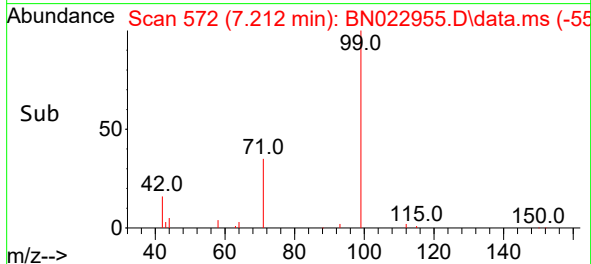
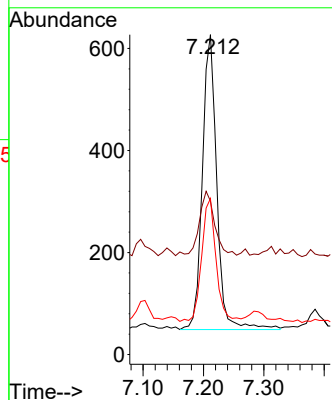
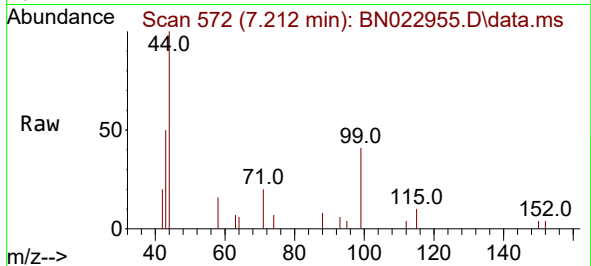




#5
Phenol-d6
Concen: 0.040 ng
RT: 7.212 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022955.D
Acq: 29 Nov 2022 16:26

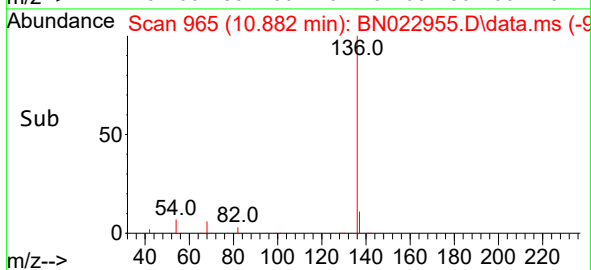
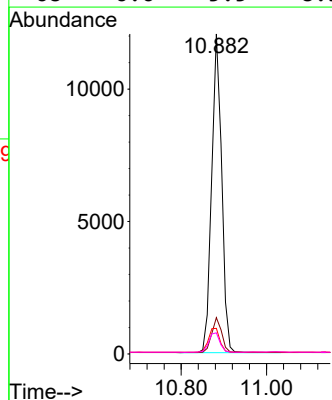
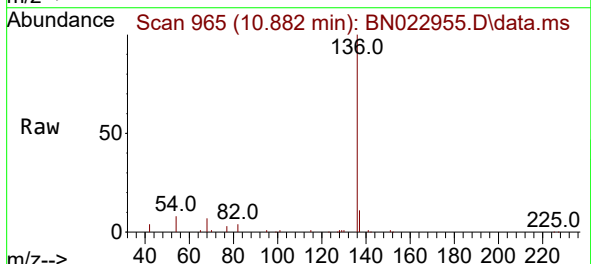
Instrument :
BNA_N
ClientSampleId :
RE134D3-20221115

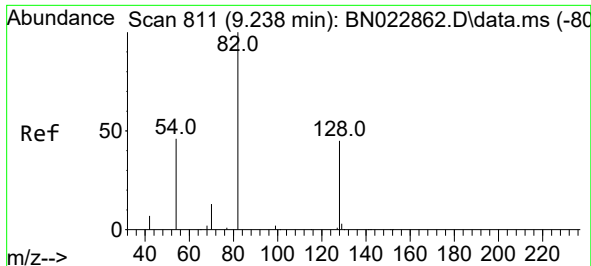
Tgt Ion: 99 Resp: 964
Ion Ratio Lower Upper
99 100
42 23.2 16.0 24.0
71 41.4 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN022955.D
Acq: 29 Nov 2022 16:26

Tgt Ion:136 Resp: 19584
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 8.0 6.6 9.8
68 6.6 5.5 8.3

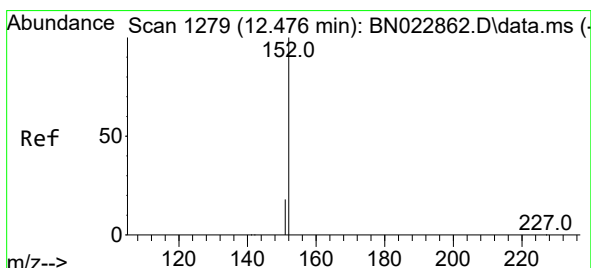
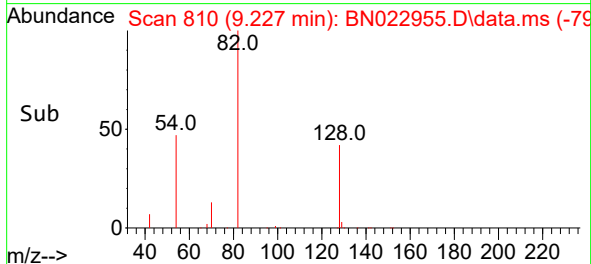
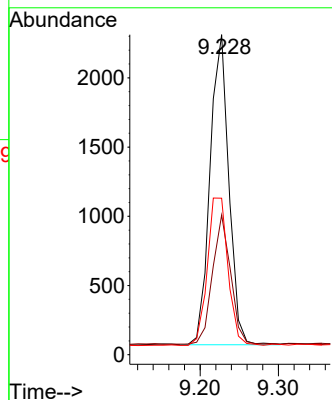
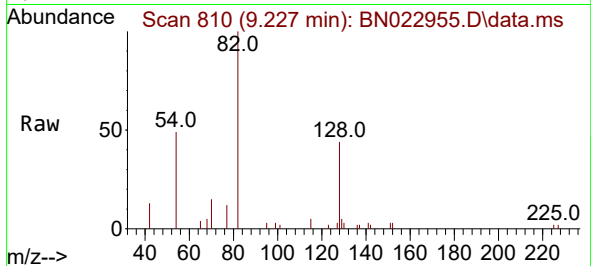




#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 9.227 min Scan# 811
Delta R.T. 0.000 min
Lab File: BN022955.D
Acq: 29 Nov 2022 16:26

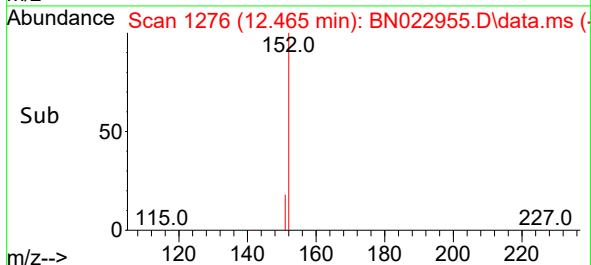
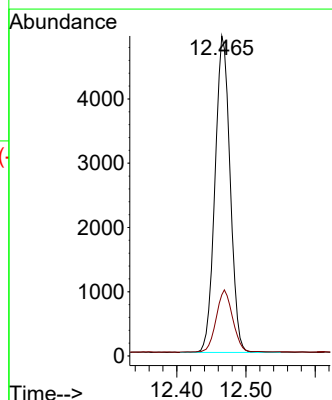
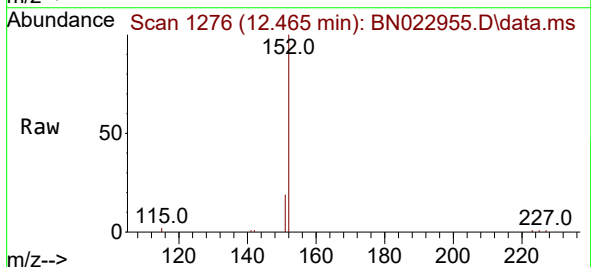
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BNA_N
ClientSampleId :
RE134D3-20221115

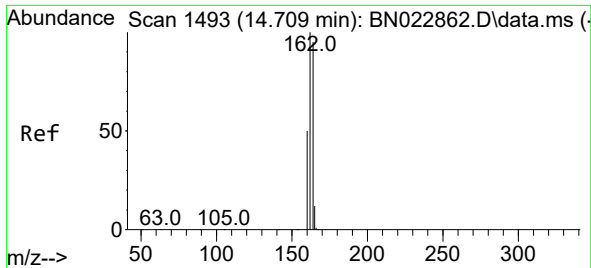
Tgt Ion: 82 Resp: 3748
Ion Ratio Lower Upper
82 100
128 43.6 36.6 54.8
54 48.9 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.217 ng
RT: 12.465 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN022955.D
Acq: 29 Nov 2022 16:26

Tgt Ion: 152 Resp: 9225
Ion Ratio Lower Upper
152 100
151 20.9 18.6 27.8

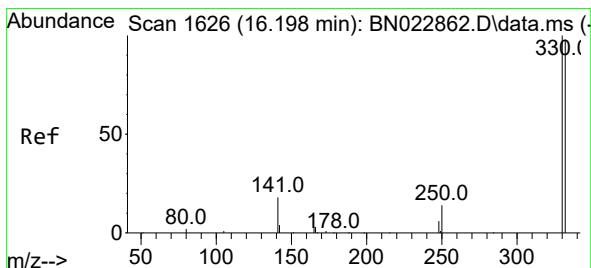
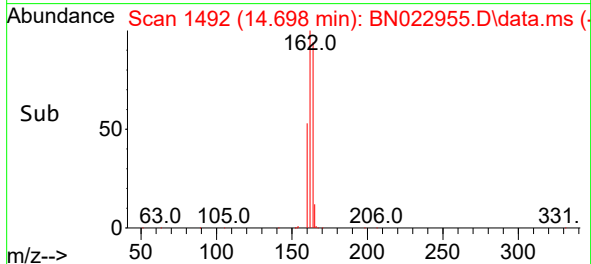
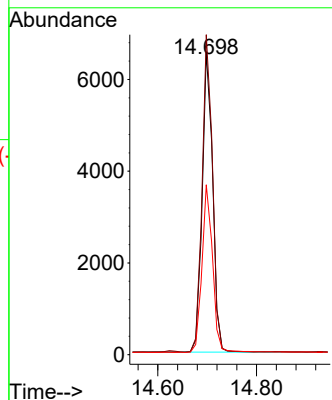
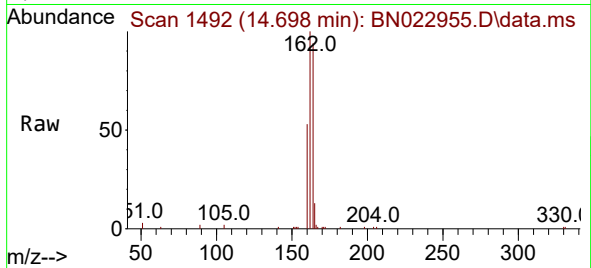




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN022955.D
Acq: 29 Nov 2022 16:26

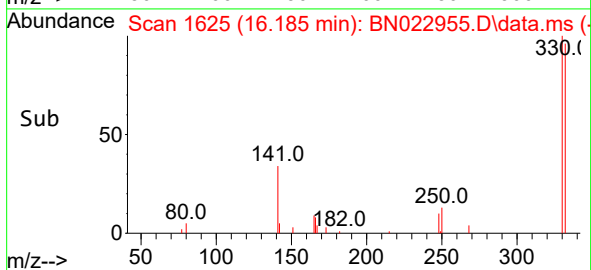
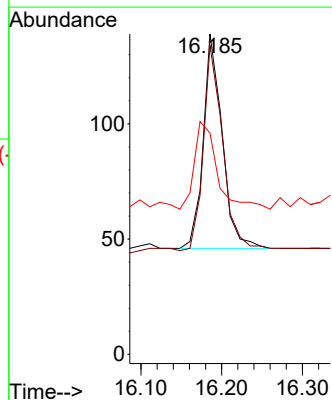
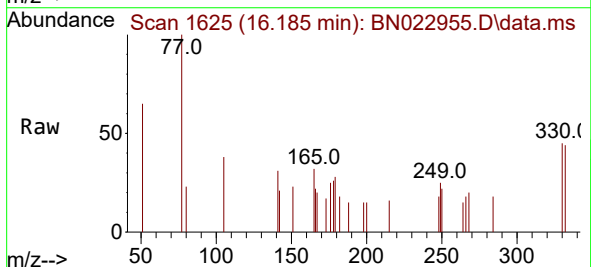
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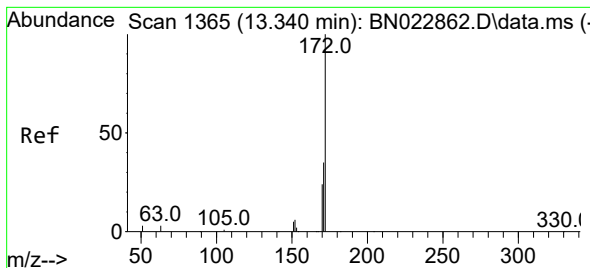
Tgt Ion:164 Resp: 9594
Ion Ratio Lower Upper
164 100
162 106.0 84.2 126.4
160 56.3 42.5 63.7



#14
2,4,6-Tribromophenol
Concen: 0.033 ng
RT: 16.185 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022955.D
Acq: 29 Nov 2022 16:26

Tgt Ion:330 Resp: 151
Ion Ratio Lower Upper
330 100
332 99.3 76.5 114.7
141 49.0 32.6 48.8#





#15

2-Fluorobiphenyl

Concen: 0.324 ng

RT: 13.330 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BN022955.D

Acq: 29 Nov 2022 16:26

Instrument :

BNA_N

ClientSampleId :

RE134D3-20221115

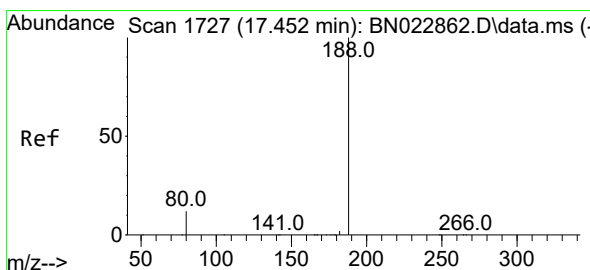
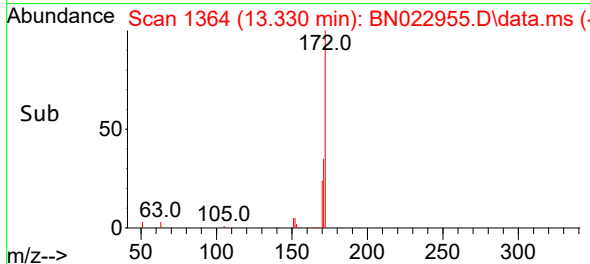
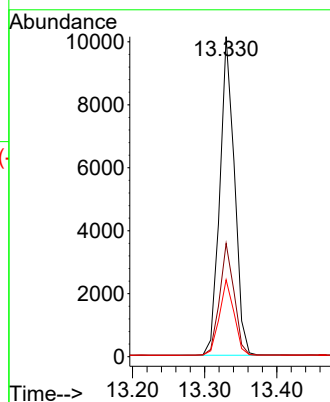
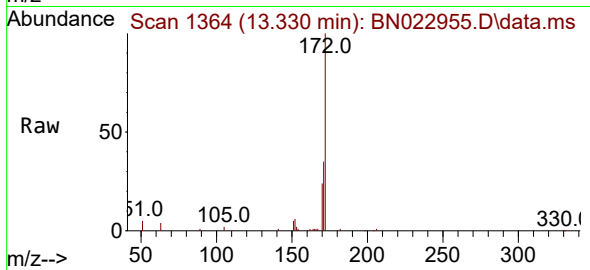
Tgt Ion:172 Resp: 14208

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 24.1 19.3 28.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.452 min Scan# 1727

Delta R.T. 0.012 min

Lab File: BN022955.D

Acq: 29 Nov 2022 16:26

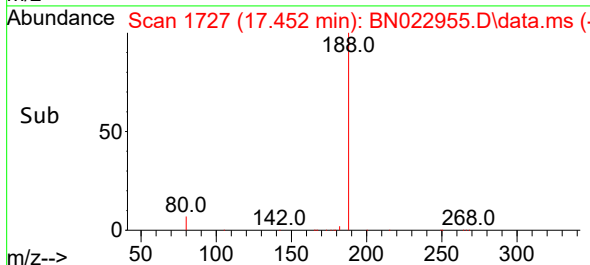
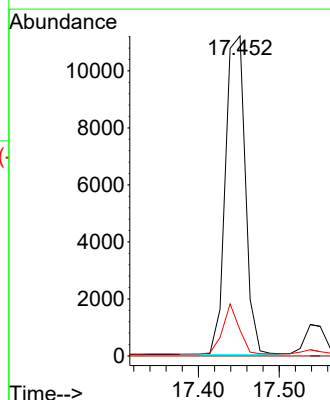
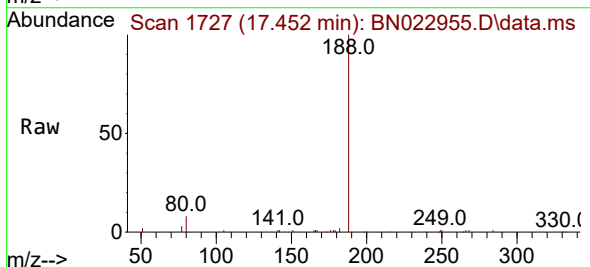
Tgt Ion:188 Resp: 19138

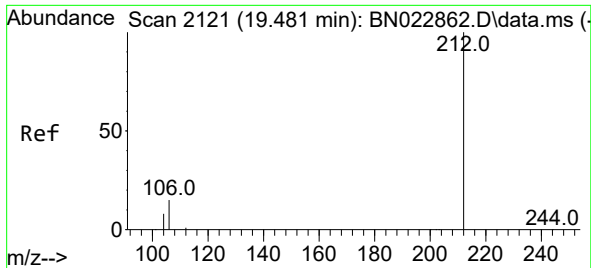
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 10.3 15.5#

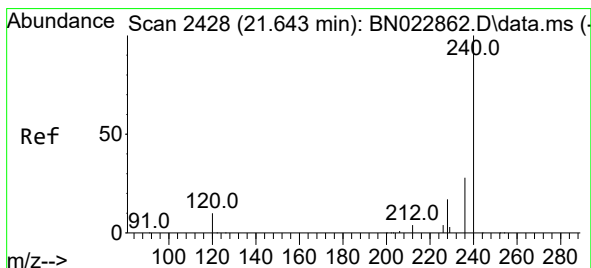
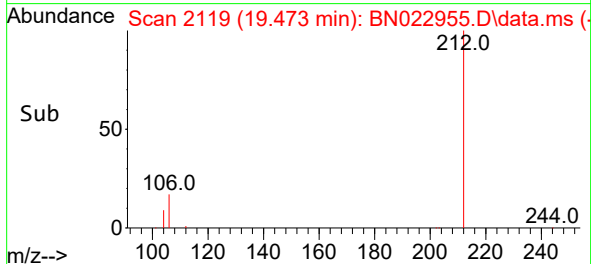
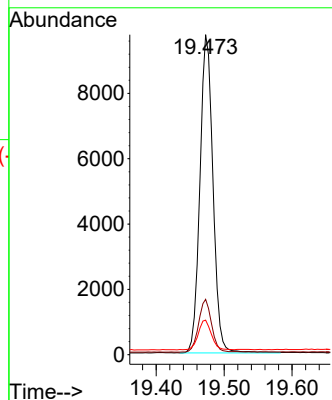
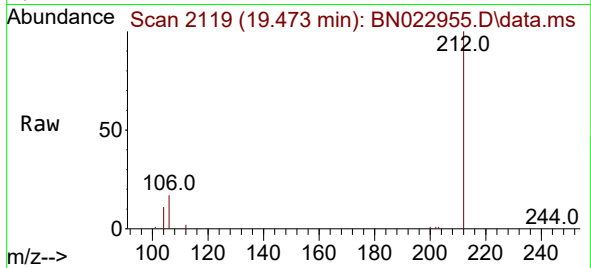




#27
Fluoranthene-d10
Concen: 0.251 ng
RT: 19.473 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN022955.D
Acq: 29 Nov 2022 16:26

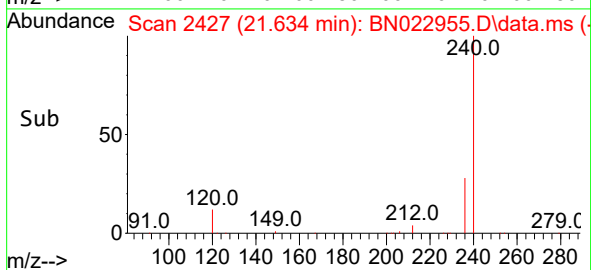
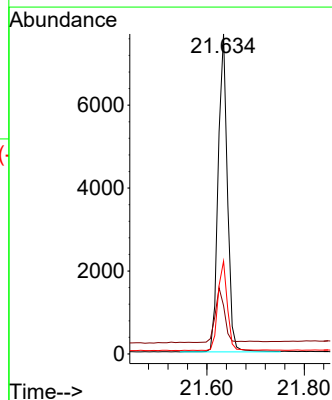
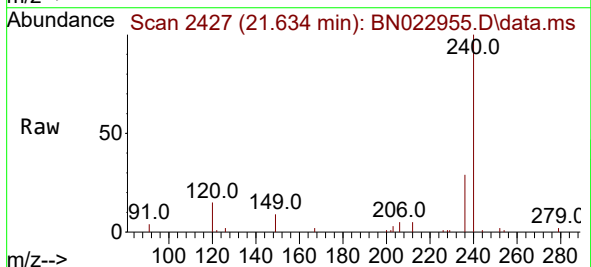
Instrument :
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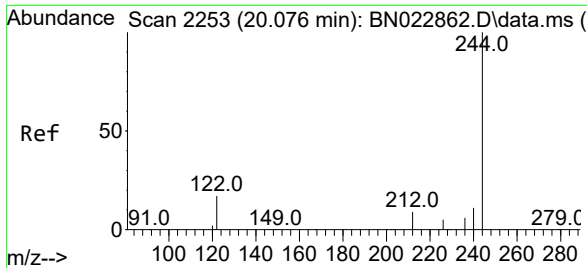
Tgt Ion:212 Resp: 13047
Ion Ratio Lower Upper
212 100
106 16.6 12.3 18.5
104 9.3 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.634 min Scan# 2427
Delta R.T. 0.005 min
Lab File: BN022955.D
Acq: 29 Nov 2022 16:26

Tgt Ion:240 Resp: 10032
Ion Ratio Lower Upper
240 100
120 15.1 9.2 13.8#
236 29.0 22.6 34.0

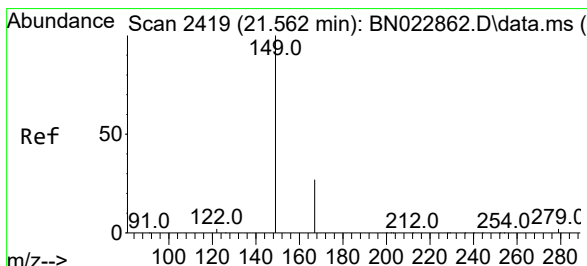
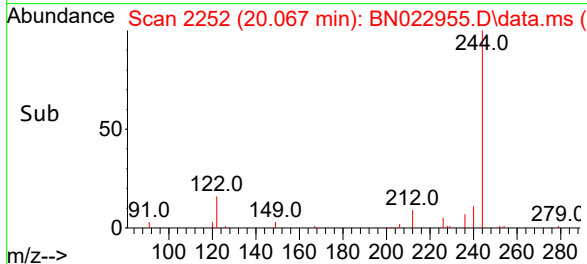
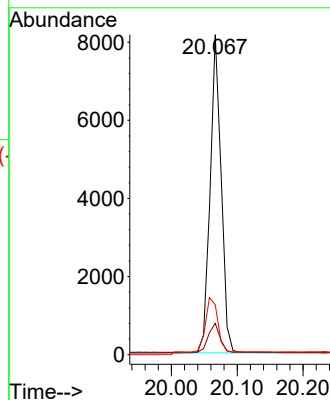
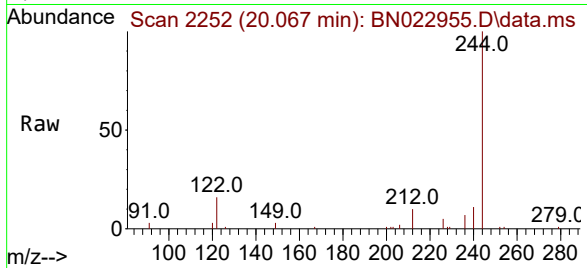




#31
 Terphenyl-d14
 Concen: 0.403 ng
 RT: 20.067 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN022955.D
 Acq: 29 Nov 2022 16:26

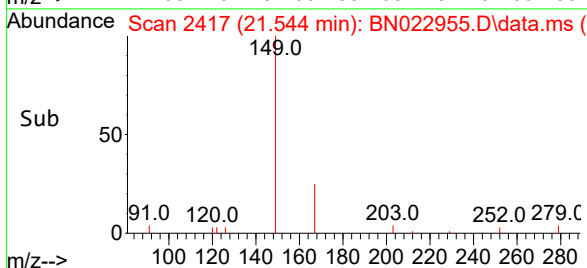
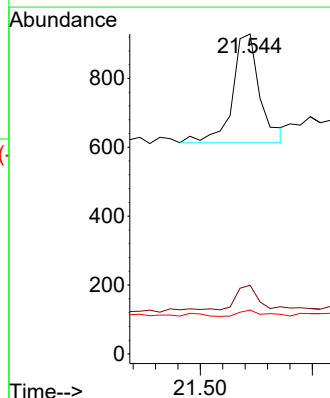
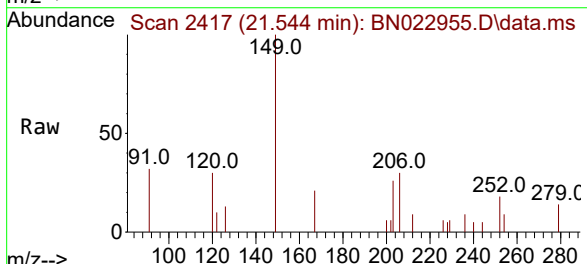
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20221115

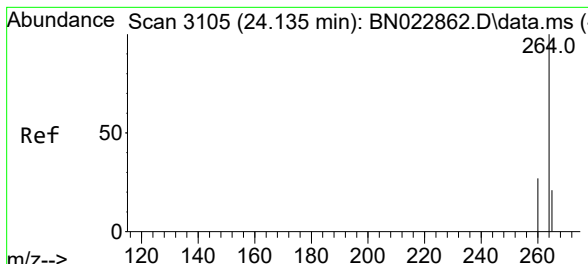
Tgt Ion:244 Resp: 9508
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.9 11.9
 122 15.6 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.544 min Scan# 2417
 Delta R.T. 0.005 min
 Lab File: BN022955.D
 Acq: 29 Nov 2022 16:26

Tgt Ion:149 Resp: 537
 Ion Ratio Lower Upper
 149 100
 167 21.6 21.3 31.9
 279 5.2 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.120 min Scan# 31

Delta R.T. 0.008 min

Lab File: BN022955.D

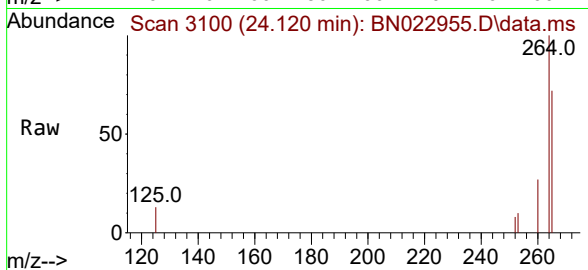
Acq: 29 Nov 2022 16:26

Instrument :

BNA_N

ClientSampleId :

RE134D3-20221115



Tgt Ion:264 Resp: 6800

Ion Ratio Lower Upper

264 100

260 27.4 21.7 32.5

265 71.6 31.0 46.4#

