

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034161.D
 Acq On : 23 Sep 2024 11:54
 Operator : JU/RC
 Sample : P4003-11DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20240912DL

Quant Time: Sep 23 12:20:07 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)

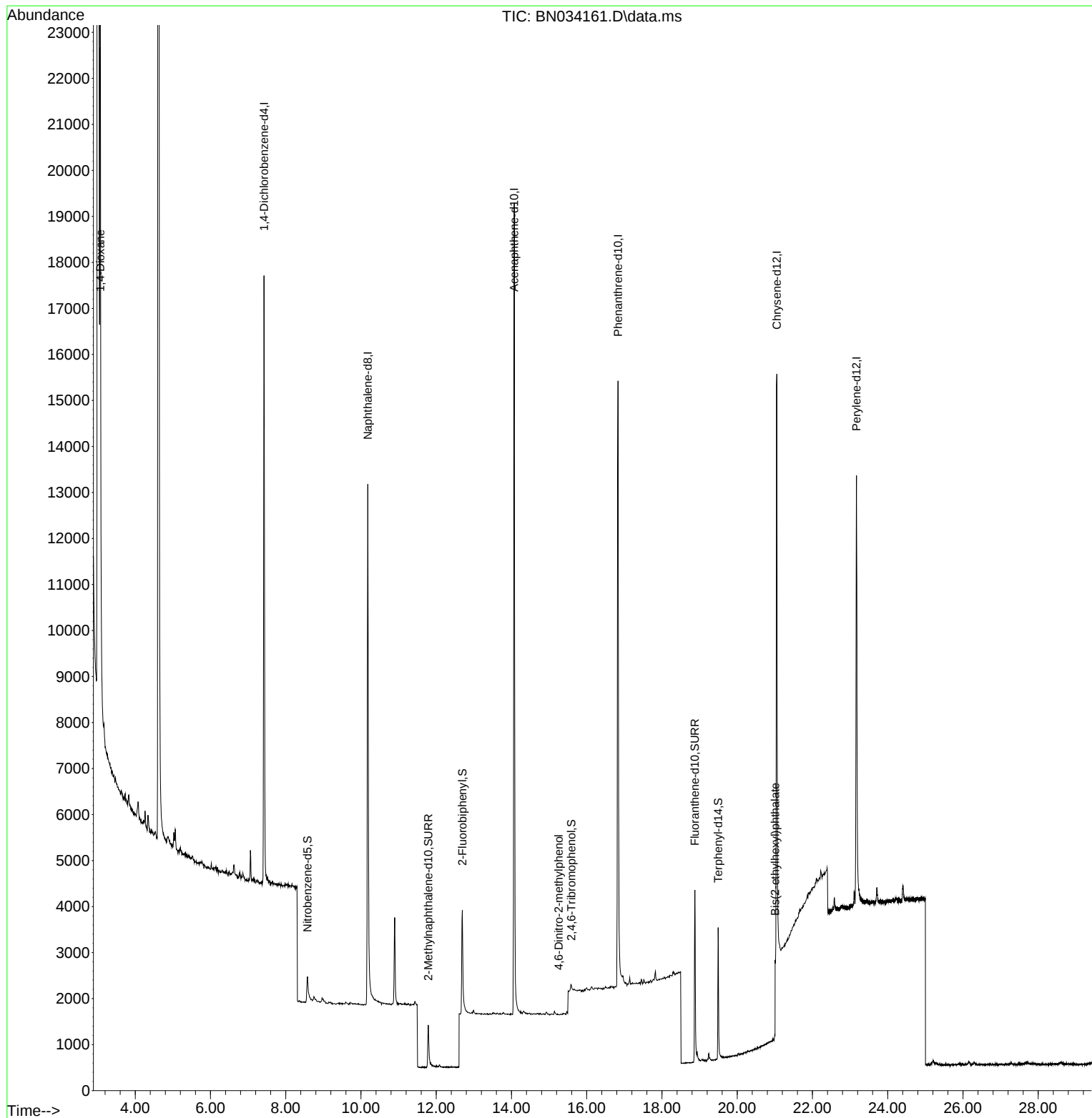
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	6294	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	17030	0.400	ng	#-0.02
13) Acenaphthene-d10	14.073	164	10487	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	22150	0.400	ng	0.00
29) Chrysene-d12	21.053	240	14648	0.400	ng	# 0.00
35) Perylene-d12	23.168	264	12630	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	328	0.018	ng	-0.01
5) Phenol-d6	6.622	99	256	0.012	ng	-0.01
8) Nitrobenzene-d5	8.579	82	792	0.061	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	1720	0.068	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	126	0.027	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	3269	0.077	ng	0.00
27) Fluoranthene-d10	18.876	212	4783	0.086	ng	-0.01
31) Terphenyl-d14	19.494	244	2955	0.101	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	9314	1.184	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.259	198	3	0.138	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	785	0.041	ng	# 82

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

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Sample : P4003-11DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
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RE103D1-20240912DL

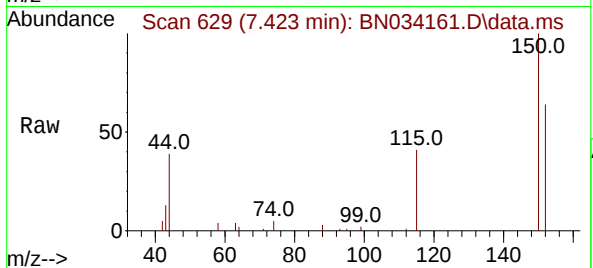
Quant Time: Sep 23 12:20:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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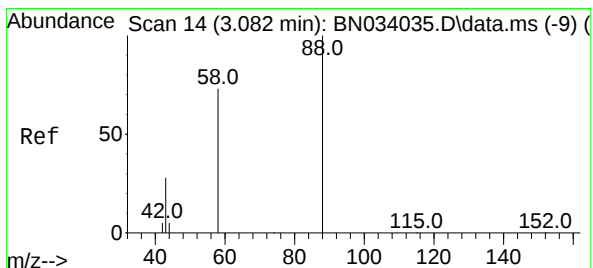
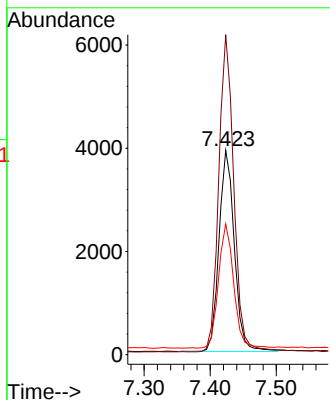
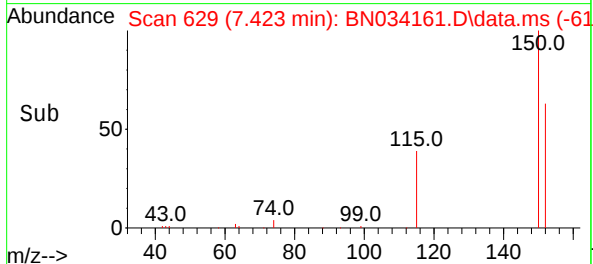


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034161.D
Acq: 23 Sep 2024 11:54

Instrument :
BNA_N
ClientSampleId :
RE103D1-20240912DL

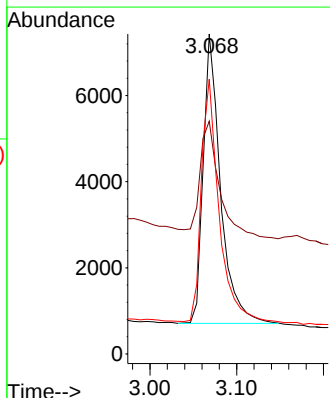
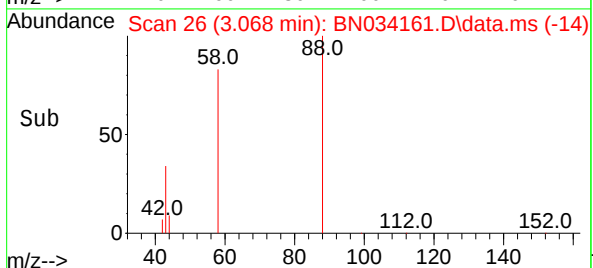
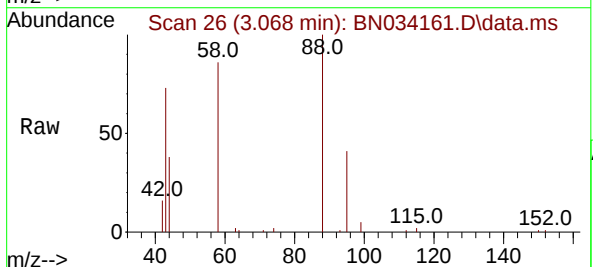


Tgt Ion:152 Resp: 6294
Ion Ratio Lower Upper
152 100
150 156.6 124.6 187.0
115 64.0 50.0 75.0



#2
1,4-Dioxane
Concen: 1.184 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034161.D
Acq: 23 Sep 2024 11:54

Tgt Ion: 88 Resp: 9314
Ion Ratio Lower Upper
88 100
43 46.9 25.8 38.8#
58 84.9 58.8 88.2





#4

2-Fluorophenol

Concen: 0.018 ng

RT: 5.062 min Scan# 302

Delta R.T. -0.013 min

Lab File: BN034161.D

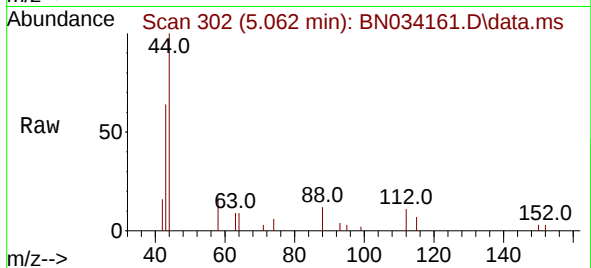
Acq: 23 Sep 2024 11:54

Instrument :

BNA_N

ClientSampleId :

RE103D1-20240912DL



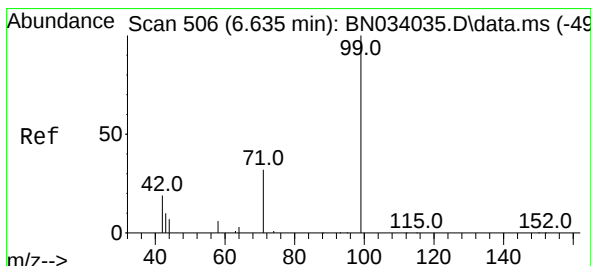
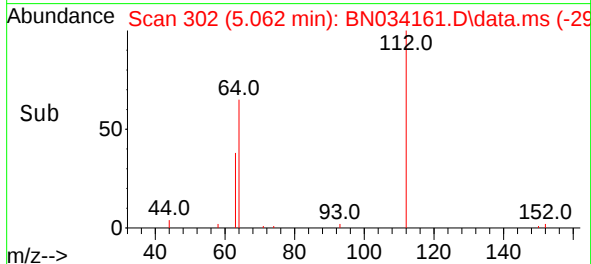
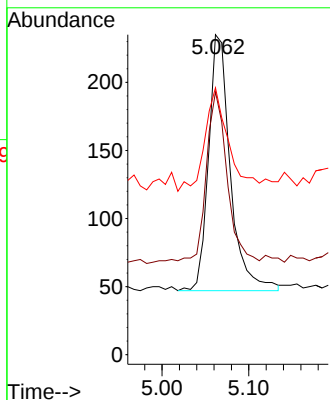
Tgt Ion:112 Resp: 328

Ion Ratio Lower Upper

112 100

64 65.5 48.6 72.8

63 37.5 25.6 38.4



#5

Phenol-d6

Concen: 0.012 ng

RT: 6.622 min Scan# 518

Delta R.T. -0.013 min

Lab File: BN034161.D

Acq: 23 Sep 2024 11:54

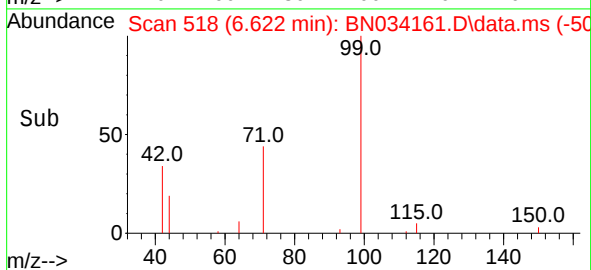
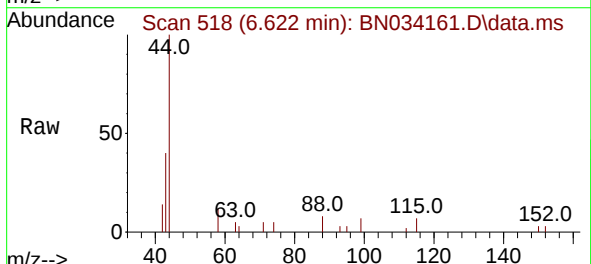
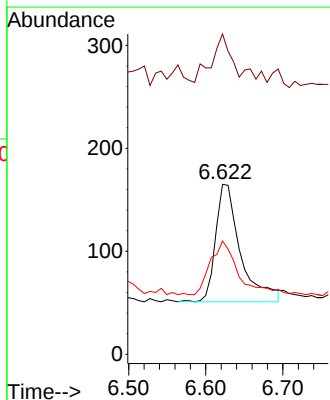
Tgt Ion: 99 Resp: 256

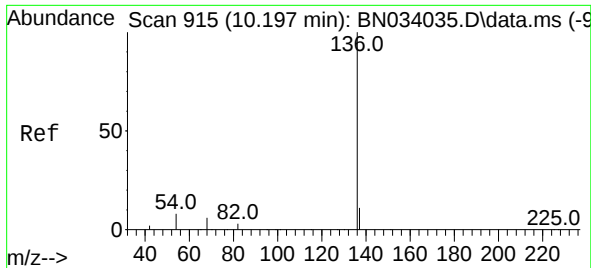
Ion Ratio Lower Upper

99 100

42 37.1 17.8 26.8#

71 49.2 26.2 39.2#

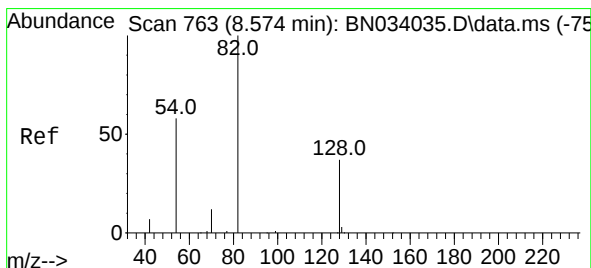
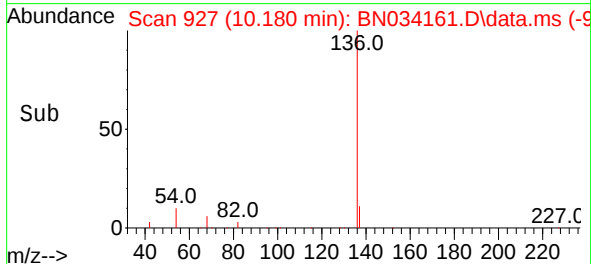
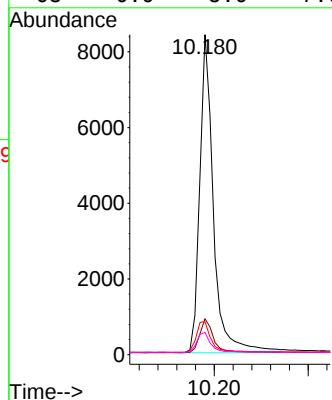
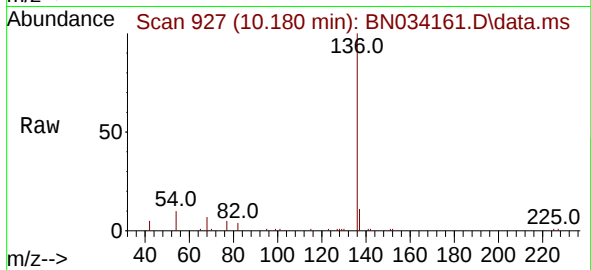




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034161.D
Acq: 23 Sep 2024 11:54

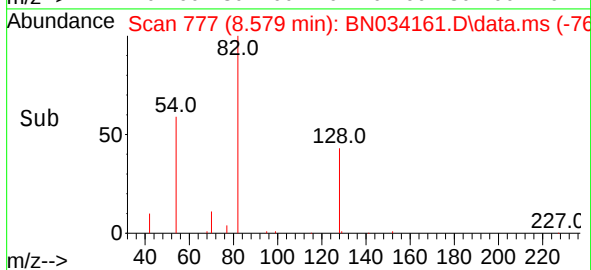
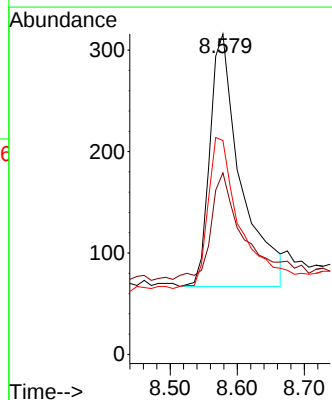
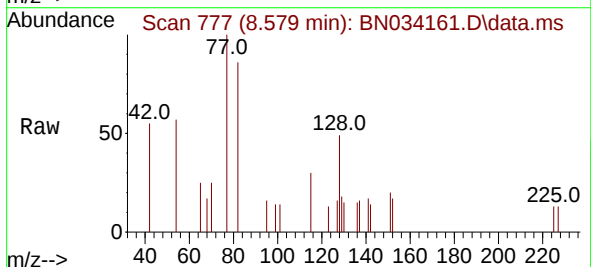
Instrument :
BNA_N
ClientSampleId :
RE103D1-20240912DL

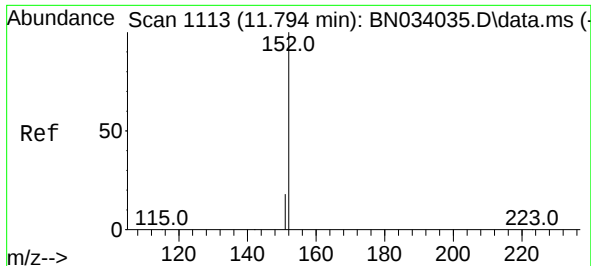
Tgt Ion:136 Resp: 17030
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 10.4 6.8 10.2#
68 6.9 5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.061 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034161.D
Acq: 23 Sep 2024 11:54

Tgt Ion: 82 Resp: 792
Ion Ratio Lower Upper
82 100
128 56.6 31.4 47.2#
54 66.8 47.4 71.0

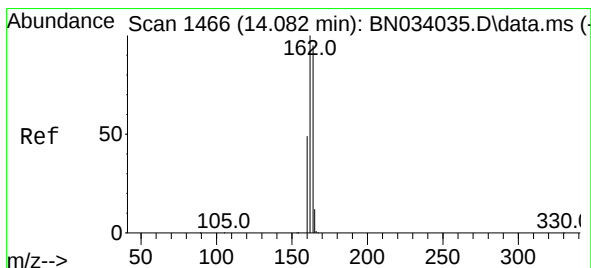
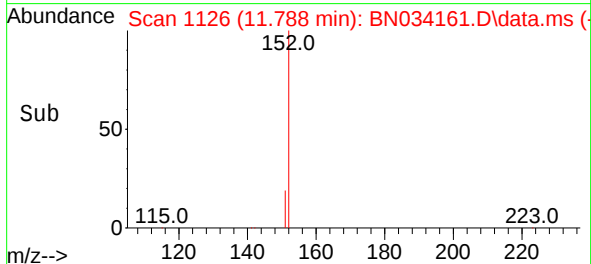
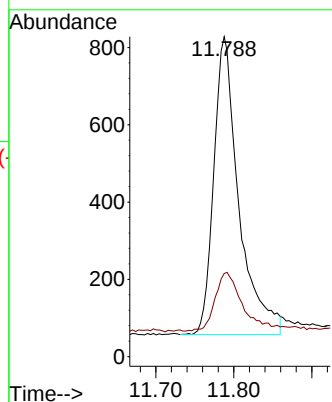
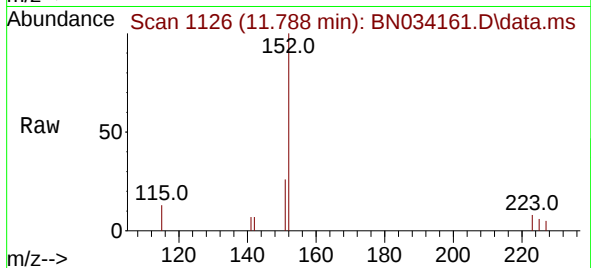




#11
2-Methylnaphthalene-d10
Concen: 0.068 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034161.D
Acq: 23 Sep 2024 11:54

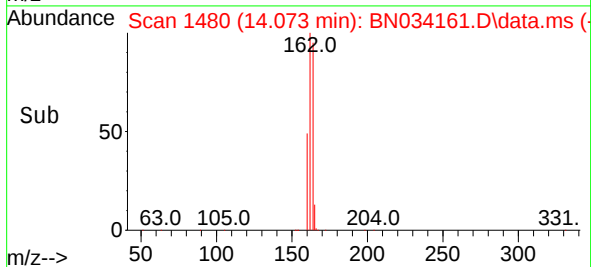
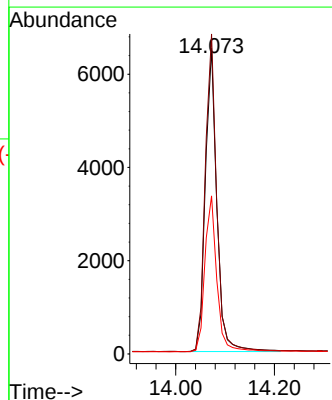
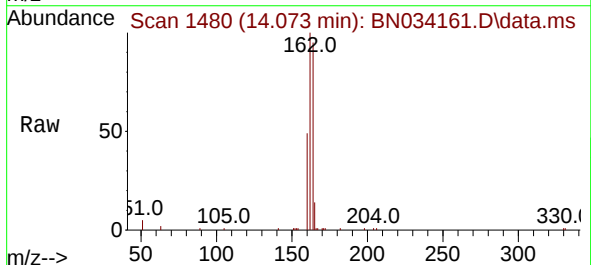
Instrument :
BNA_N
ClientSampleId :
RE103D1-20240912DL

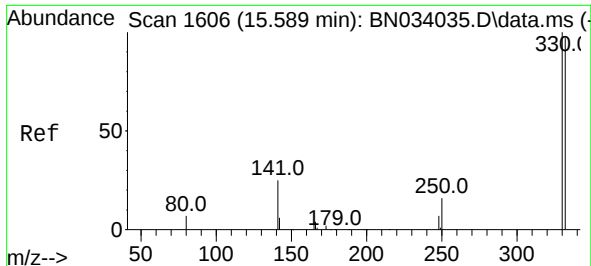
Tgt Ion:152 Resp: 1720
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034161.D
Acq: 23 Sep 2024 11:54

Tgt Ion:164 Resp: 10487
Ion Ratio Lower Upper
164 100
162 104.7 84.2 126.2
160 51.8 41.7 62.5

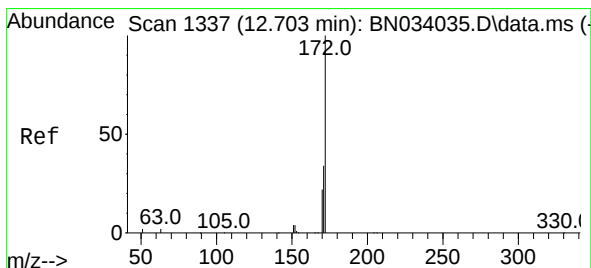
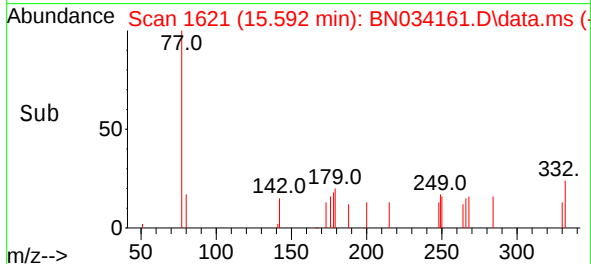
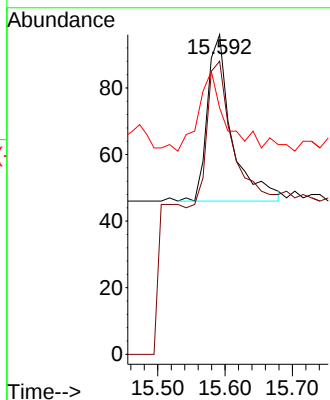
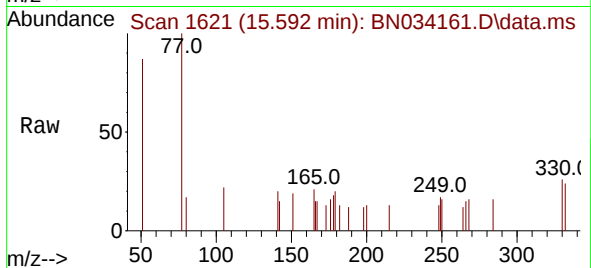




#14
2,4,6-Tribromophenol
Concen: 0.027 ng
RT: 15.592 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN034161.D
Acq: 23 Sep 2024 11:54

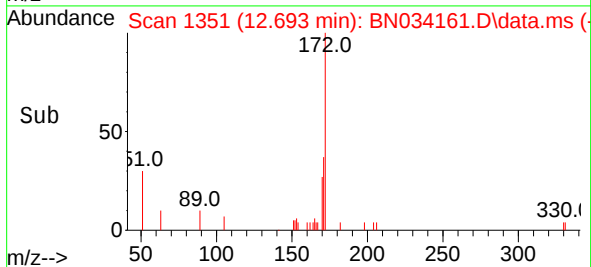
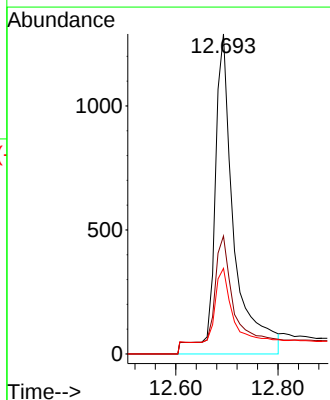
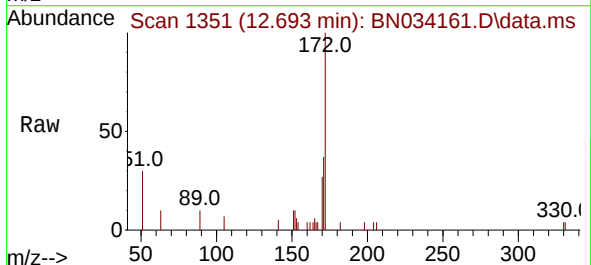
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ClientSampleId :
RE103D1-20240912DL

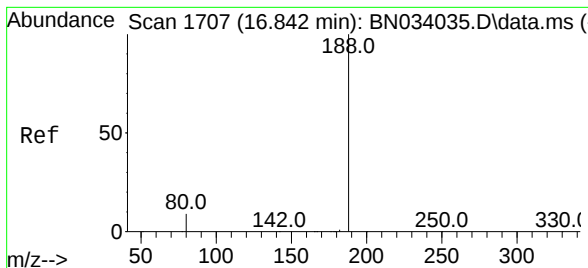
Tgt Ion:330 Resp: 126
Ion Ratio Lower Upper
330 100
332 94.4 77.4 116.0
141 48.4 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.077 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034161.D
Acq: 23 Sep 2024 11:54

Tgt Ion:172 Resp: 3269
Ion Ratio Lower Upper
172 100
171 36.8 27.3 40.9
170 26.7 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN034161.D

Acq: 23 Sep 2024 11:54

Instrument :

BNA_N

ClientSampleId :

RE103D1-20240912DL

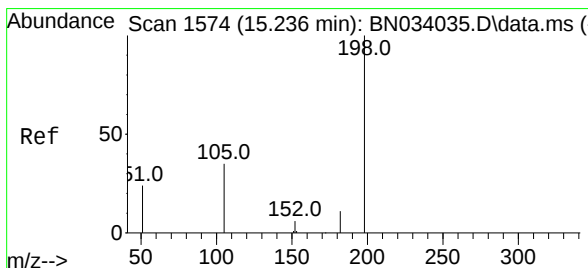
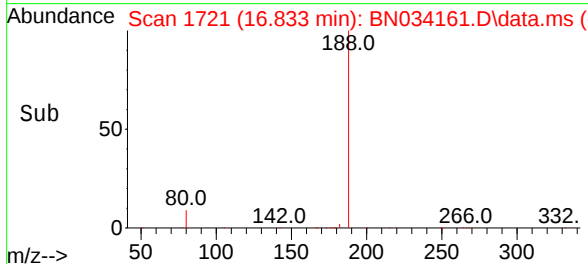
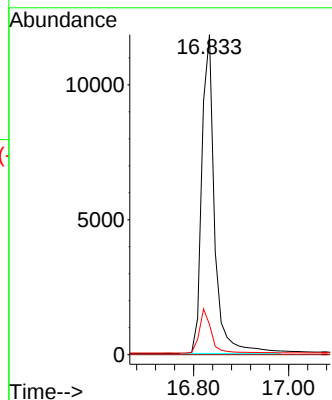
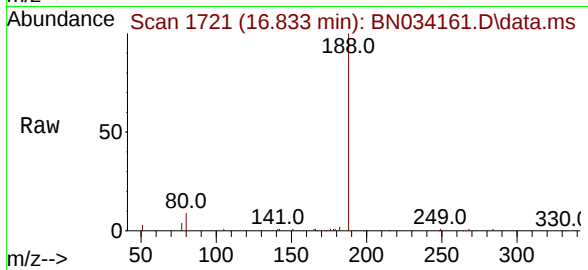
Tgt Ion:188 Resp: 22150

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 15.259 min Scan# 1591

Delta R.T. 0.023 min

Lab File: BN034161.D

Acq: 23 Sep 2024 11:54

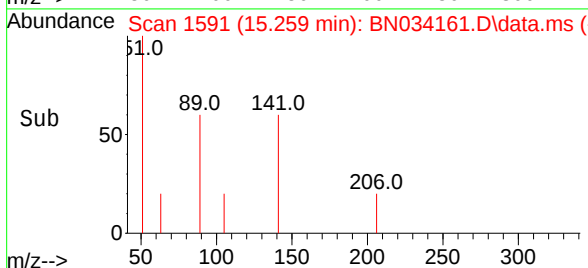
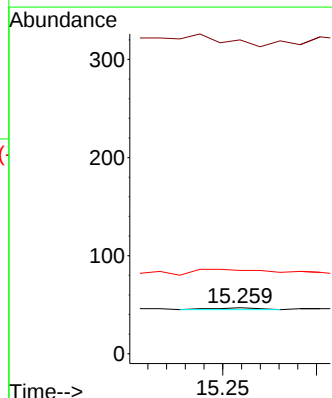
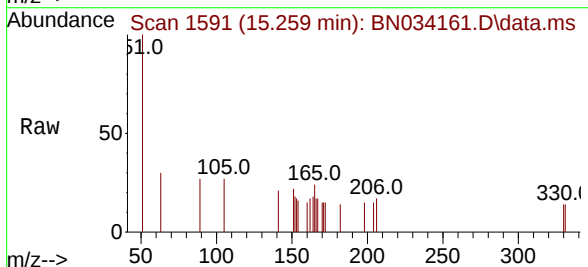
Tgt Ion:198 Resp: 3

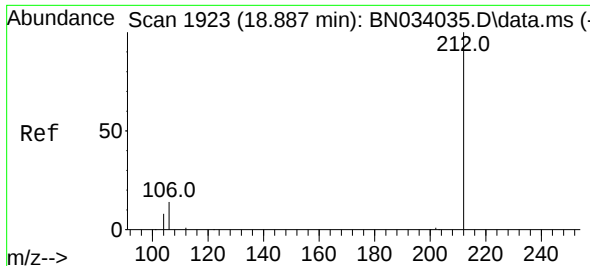
Ion Ratio Lower Upper

198 100

51 680.9 106.4 159.6#

105 180.9 38.5 57.7#

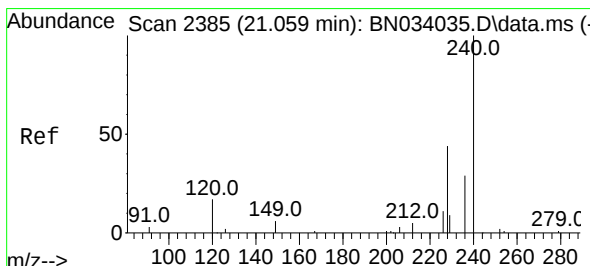
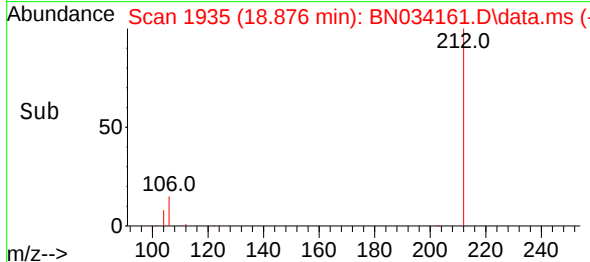
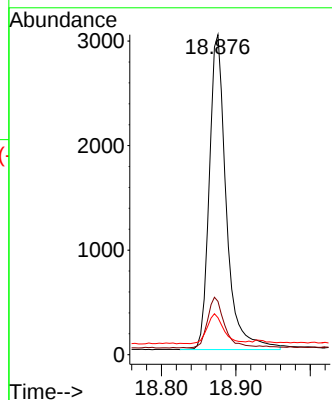
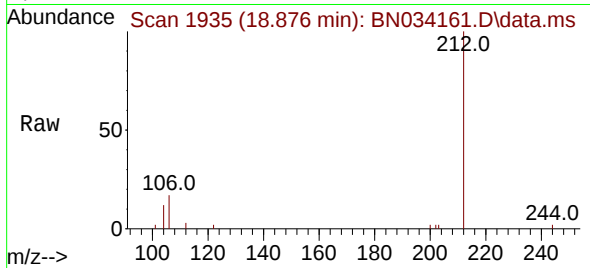




#27
Fluoranthene-d10
Concen: 0.086 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034161.D
Acq: 23 Sep 2024 11:54

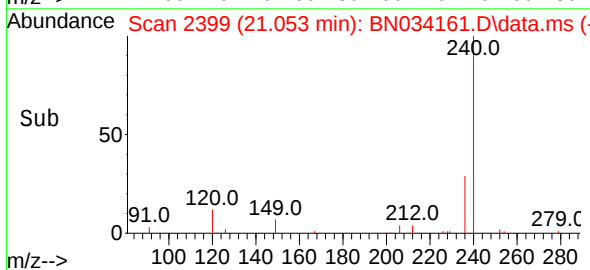
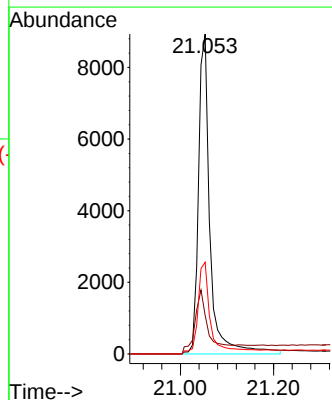
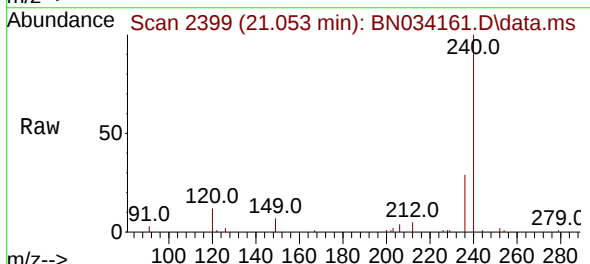
Instrument :
BNA_N
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RE103D1-20240912DL

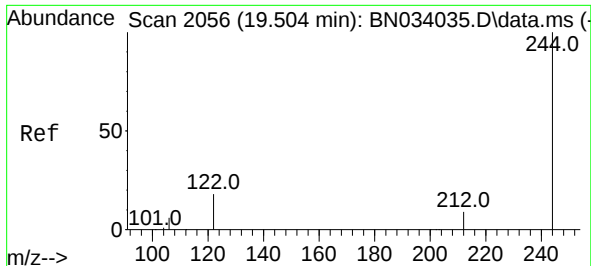
Tgt Ion:212 Resp: 4783
Ion Ratio Lower Upper
212 100
106 16.1 13.4 20.2
104 9.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034161.D
Acq: 23 Sep 2024 11:54

Tgt Ion:240 Resp: 14648
Ion Ratio Lower Upper
240 100
120 12.1 13.5 20.3#
236 28.7 23.4 35.0

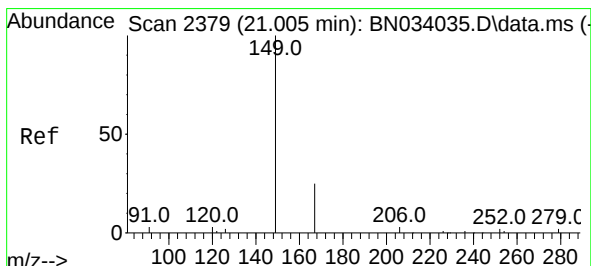
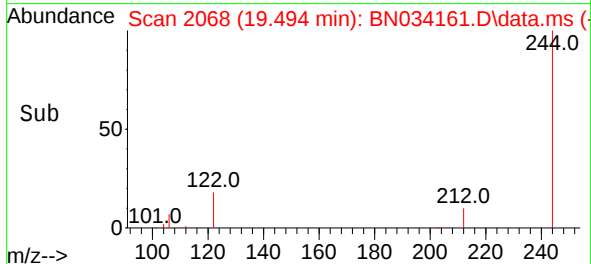
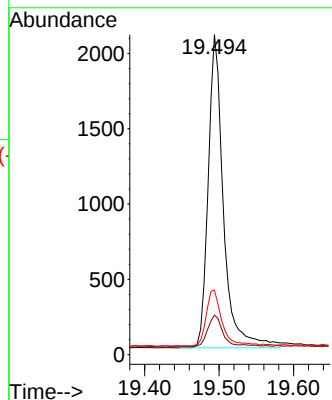
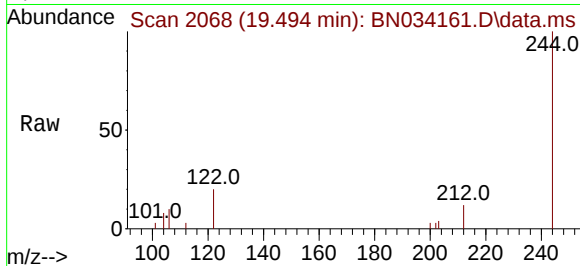




#31
 Terphenyl-d14
 Concen: 0.101 ng
 RT: 19.494 min Scan# 2056
 Delta R.T. -0.011 min
 Lab File: BN034161.D
 Acq: 23 Sep 2024 11:54

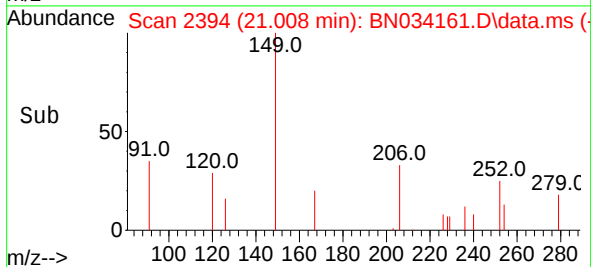
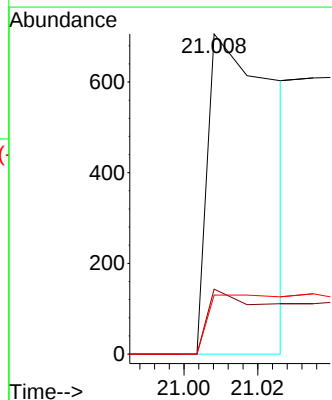
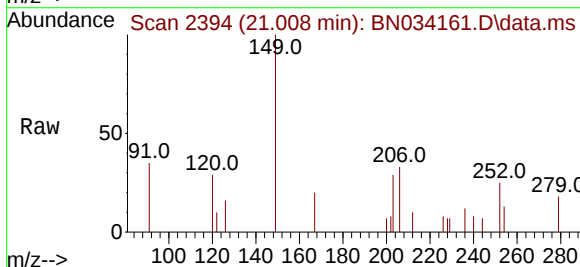
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20240912DL

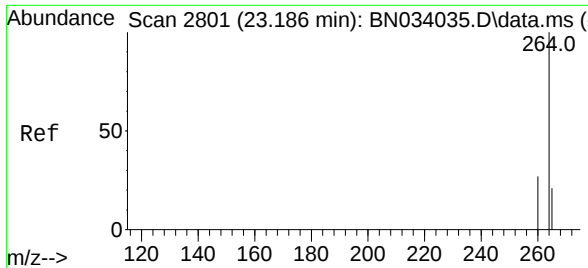
Tgt Ion:244 Resp: 2955
 Ion Ratio Lower Upper
 244 100
 212 12.3 7.8 11.6#
 122 20.1 14.8 22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.041 ng
 RT: 21.008 min Scan# 2394
 Delta R.T. 0.003 min
 Lab File: BN034161.D
 Acq: 23 Sep 2024 11:54

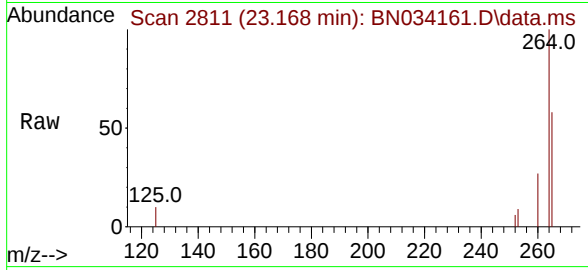
Tgt Ion:149 Resp: 785
 Ion Ratio Lower Upper
 149 100
 167 18.9 19.9 29.9#
 279 20.0 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN034161.D
Acq: 23 Sep 2024 11:54

Instrument :
BNA_N
ClientSampleId :
RE103D1-20240912DL



Tgt Ion:264 Resp: 12630

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.7	32.5
265	58.3	52.1	78.1

