

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034151.D
 Acq On : 22 Sep 2024 07:49
 Operator : JU/RC
 Sample : P4116-05
 Misc :
 ALS Vial : 116 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20240916

Quant Time: Sep 23 00:04:39 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)

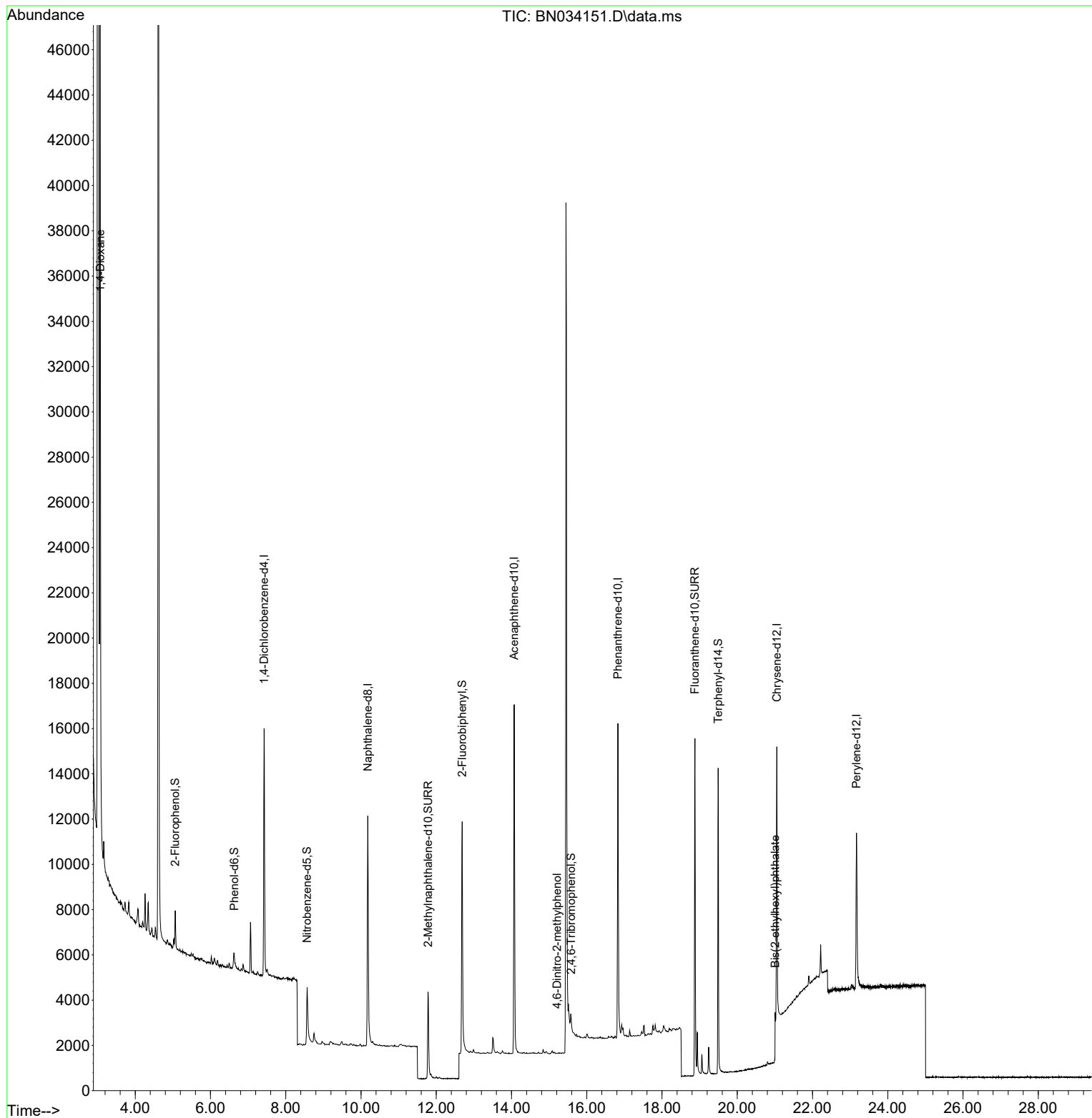
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5270	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14705	0.400	ng	#-0.02
13) Acenaphthene-d10	14.069	164	8971	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	18905	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	12486	0.400	ng	0.00
35) Perylene-d12	23.169	264	9674	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	1261	0.084	ng	-0.01
5) Phenol-d6	6.629	99	797	0.046	ng	0.00
8) Nitrobenzene-d5	8.568	82	2911	0.259	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	6378	0.294	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	465	0.114	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	10998	0.301	ng	-0.01
27) Fluoranthene-d10	18.874	212	16652	0.349	ng	-0.01
31) Terphenyl-d14	19.491	244	12654	0.507	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	19966	3.030	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.213	198	3	0.139	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	962	0.058	ng	# 85

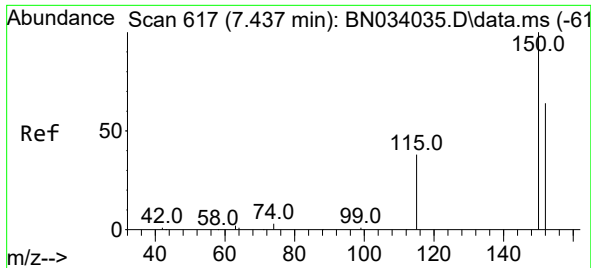
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
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Misc :
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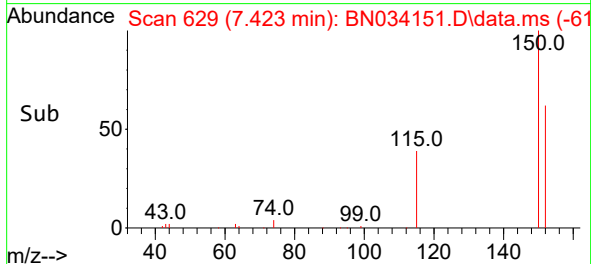
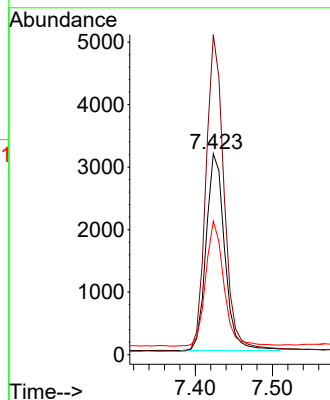
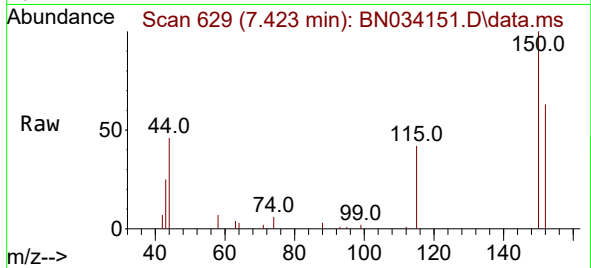




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.423 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034151.D
 Acq: 22 Sep 2024 07:49

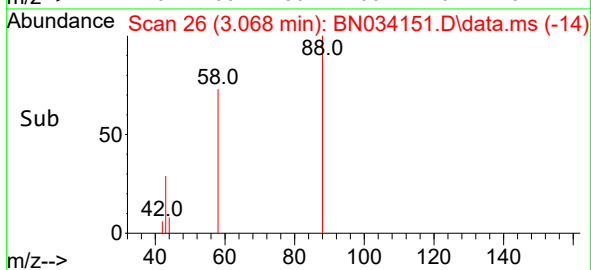
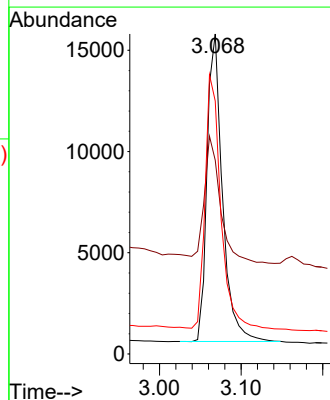
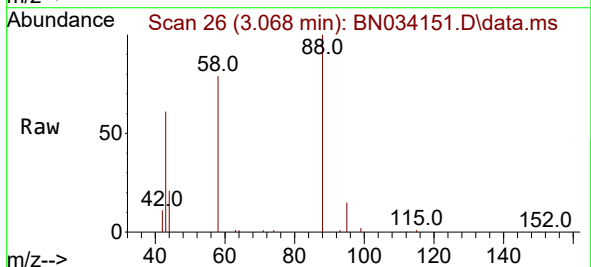
Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20240916

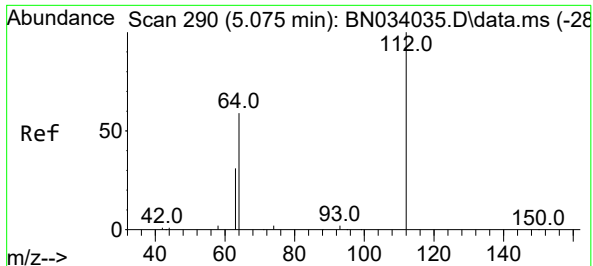
Tgt Ion:152 Resp: 5270
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.6 187.0
 115 66.5 50.0 75.0



#2
 1,4-Dioxane
 Concen: 3.030 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034151.D
 Acq: 22 Sep 2024 07:49

Tgt Ion: 88 Resp: 19966
 Ion Ratio Lower Upper
 88 100
 43 43.2 25.8 38.8#
 58 84.4 58.8 88.2

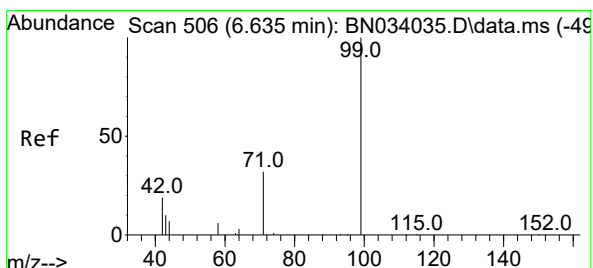
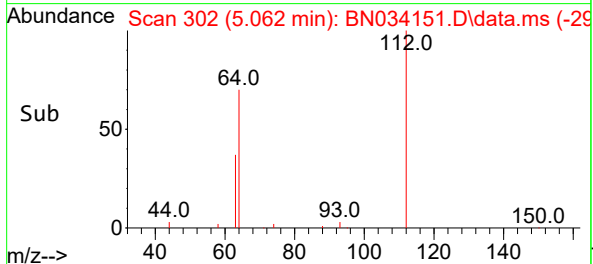
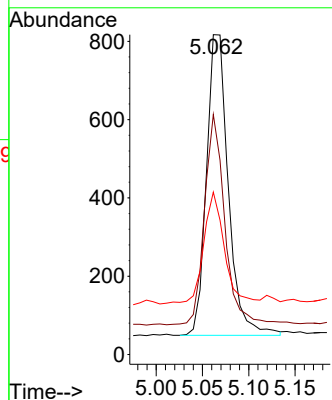
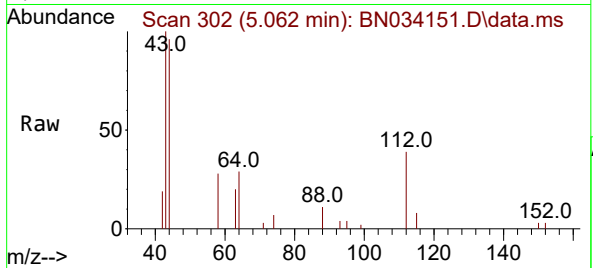




#4
2-Fluorophenol
Concen: 0.084 ng
RT: 5.062 min Scan# 301
Delta R.T. -0.013 min
Lab File: BN034151.D
Acq: 22 Sep 2024 07:49

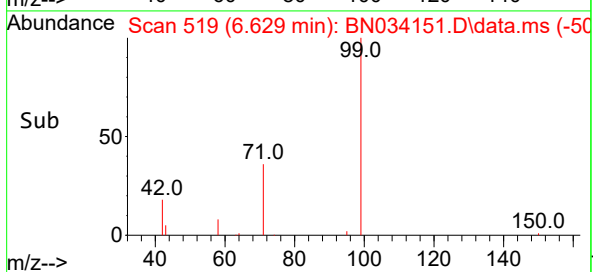
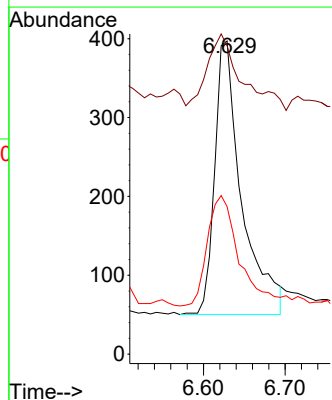
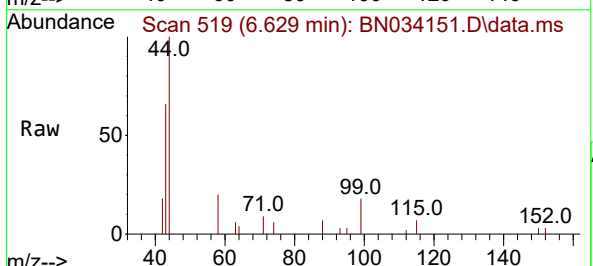
Instrument :
BNA_N
ClientSampleId :
RE122D1-20240916

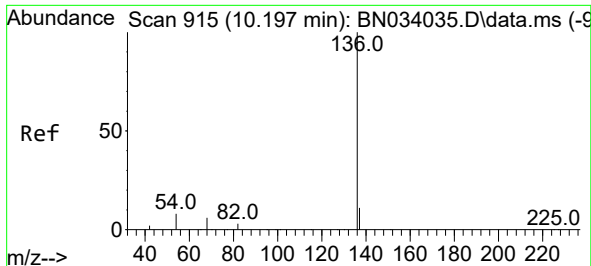
Tgt Ion:112 Resp: 1261
Ion Ratio Lower Upper
112 100
64 64.9 48.6 72.8
63 35.5 25.6 38.4



#5
Phenol-d6
Concen: 0.046 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034151.D
Acq: 22 Sep 2024 07:49

Tgt Ion: 99 Resp: 797
Ion Ratio Lower Upper
99 100
42 30.7 17.8 26.8#
71 47.3 26.2 39.2#

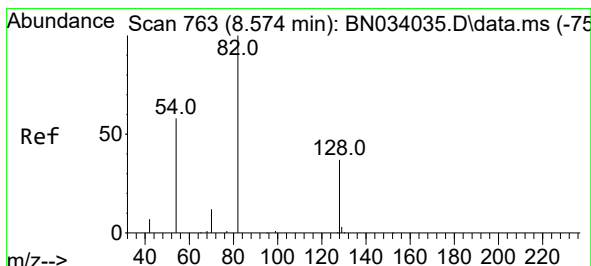
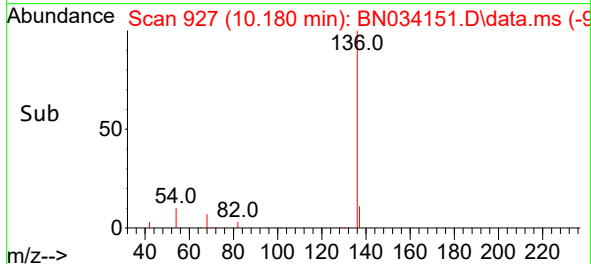
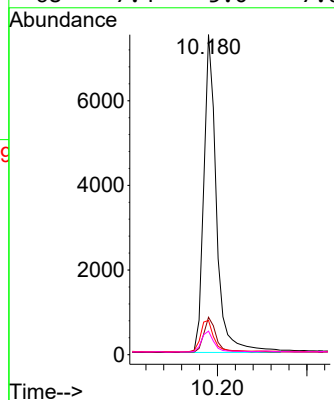
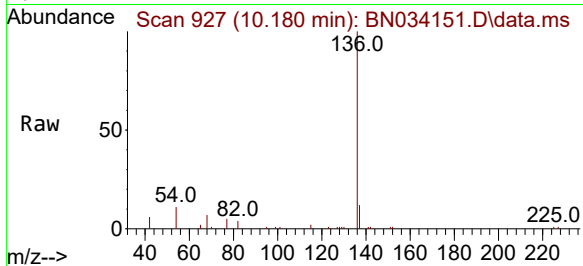




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034151.D
Acq: 22 Sep 2024 07:49

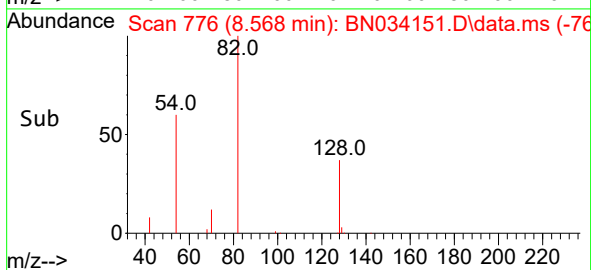
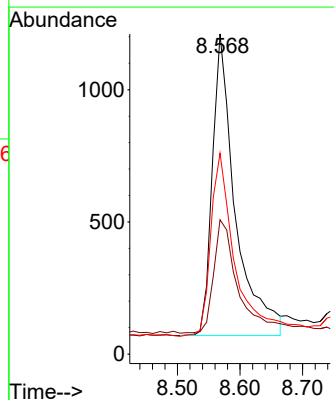
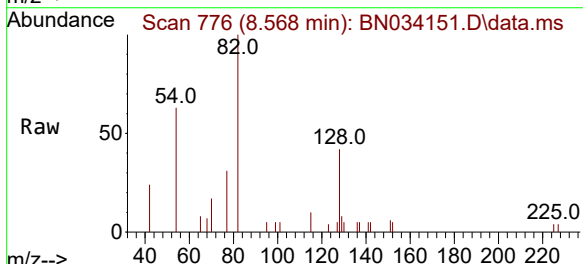
Instrument :
BNA_N
ClientSampleId :
RE122D1-20240916

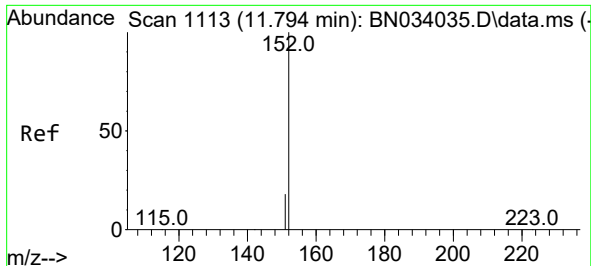
Tgt Ion:136 Resp: 14705
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 10.7 6.8 10.2#
68 7.4 5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034151.D
Acq: 22 Sep 2024 07:49

Tgt Ion: 82 Resp: 2911
Ion Ratio Lower Upper
82 100
128 41.9 31.4 47.2
54 62.8 47.4 71.0

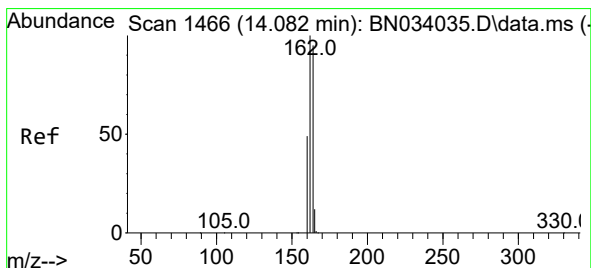
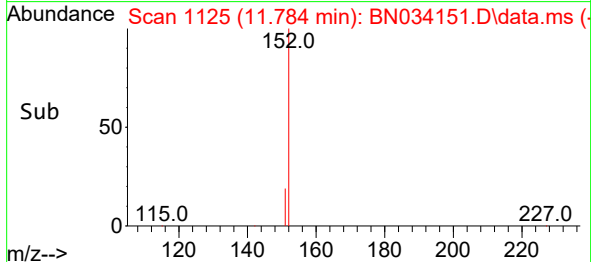
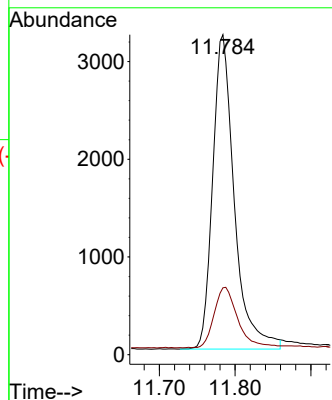
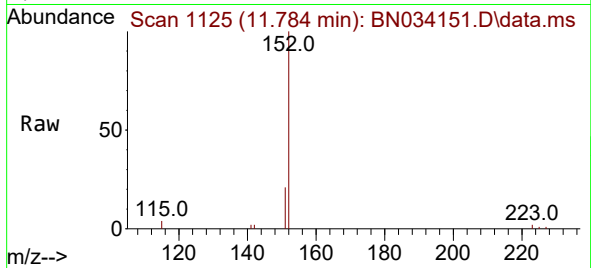




#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034151.D
Acq: 22 Sep 2024 07:49

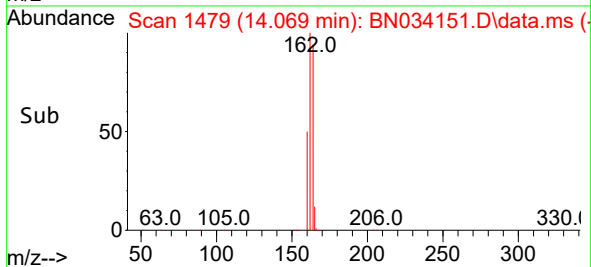
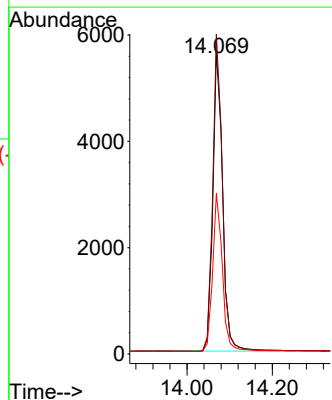
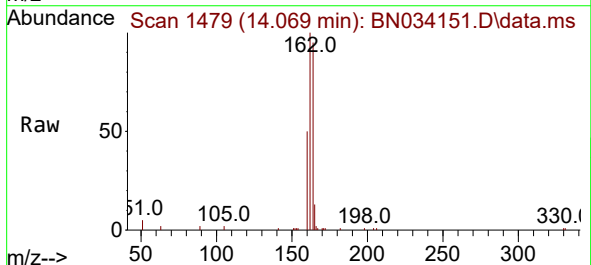
Instrument :
BNA_N
ClientSampleId :
RE122D1-20240916

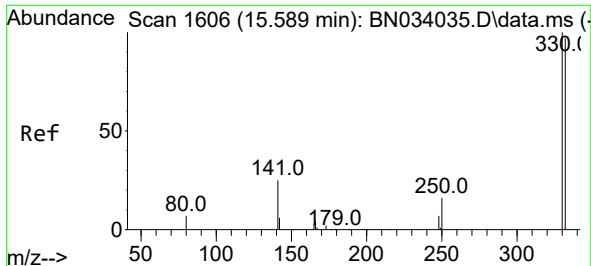
Tgt Ion:152 Resp: 6378
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.069 min Scan# 1479
Delta R.T. -0.013 min
Lab File: BN034151.D
Acq: 22 Sep 2024 07:49

Tgt Ion:164 Resp: 8971
Ion Ratio Lower Upper
164 100
162 105.8 84.2 126.2
160 53.1 41.7 62.5

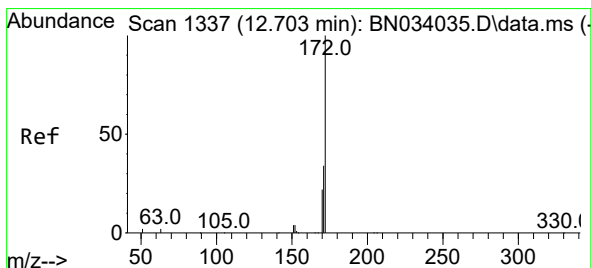
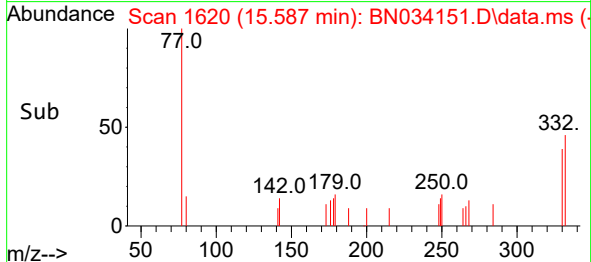
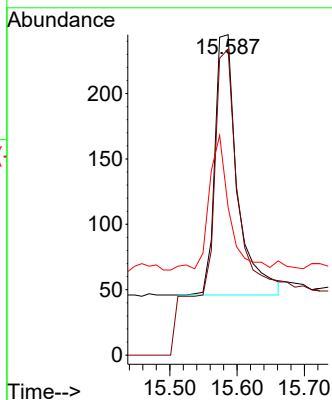
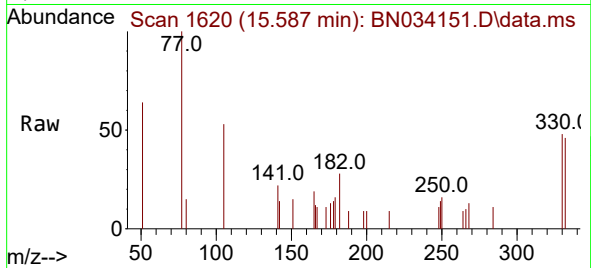




#14
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 15.587 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN034151.D
Acq: 22 Sep 2024 07:49

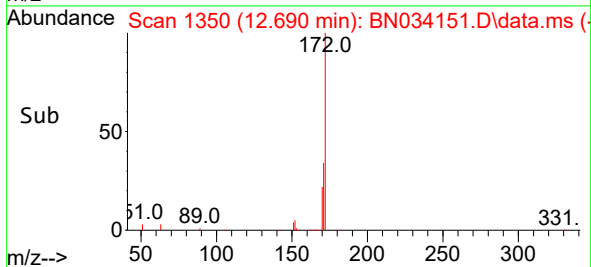
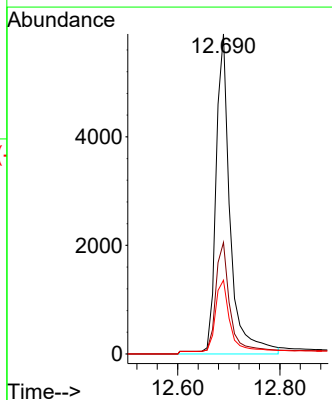
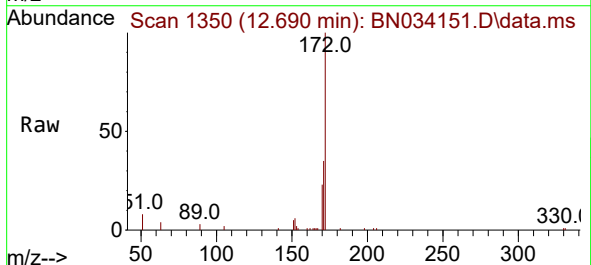
Instrument :
BNA_N
ClientSampleId :
RE122D1-20240916

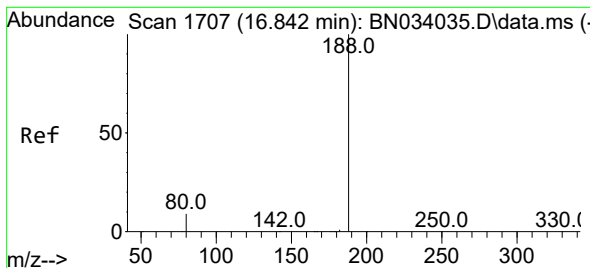
Tgt Ion:330 Resp: 465
Ion Ratio Lower Upper
330 100
332 195.1 77.4 116.0#
141 45.8 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034151.D
Acq: 22 Sep 2024 07:49

Tgt Ion:172 Resp: 10998
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 23.0 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.828 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN034151.D

Acq: 22 Sep 2024 07:49

Instrument :

BNA_N

ClientSampleId :

RE122D1-20240916

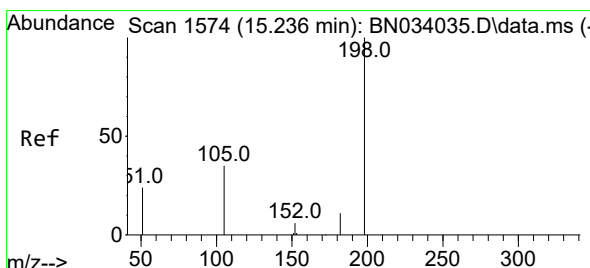
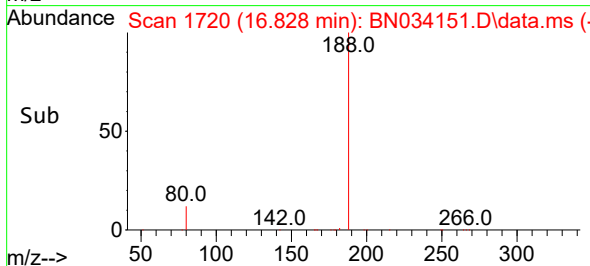
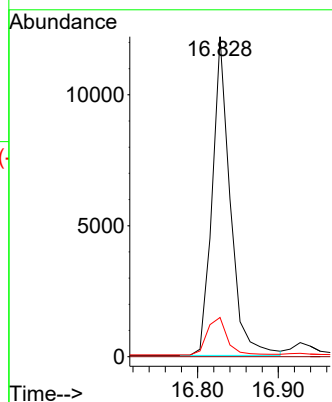
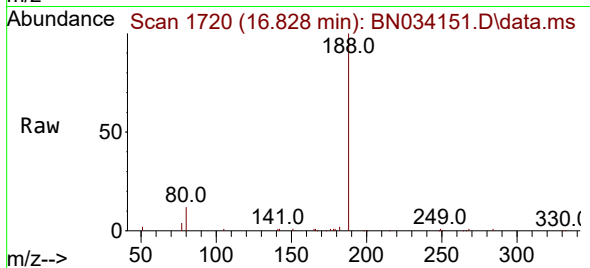
Tgt Ion:188 Resp: 18905

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 15.213 min Scan# 1586

Delta R.T. -0.023 min

Lab File: BN034151.D

Acq: 22 Sep 2024 07:49

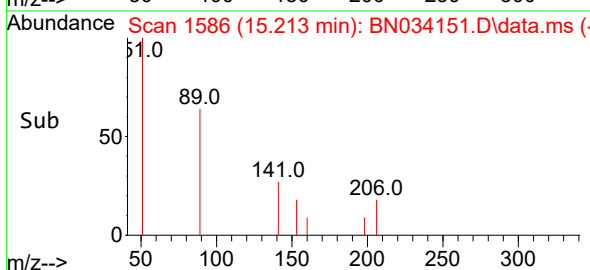
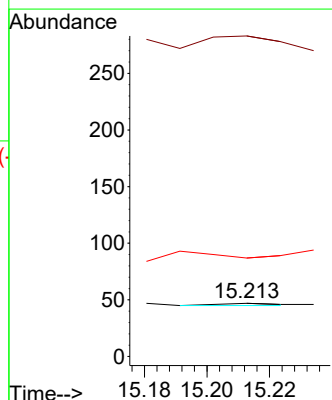
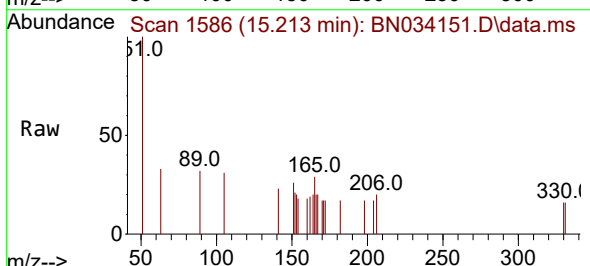
Tgt Ion:198 Resp: 3

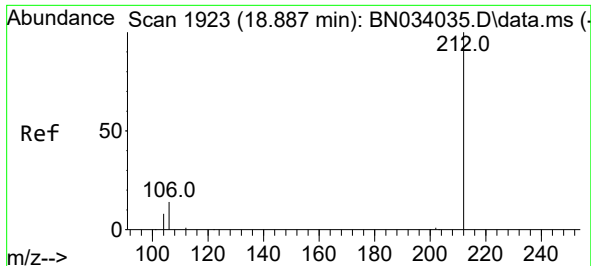
Ion Ratio Lower Upper

198 100

51 602.1 106.4 159.6#

105 185.1 38.5 57.7#

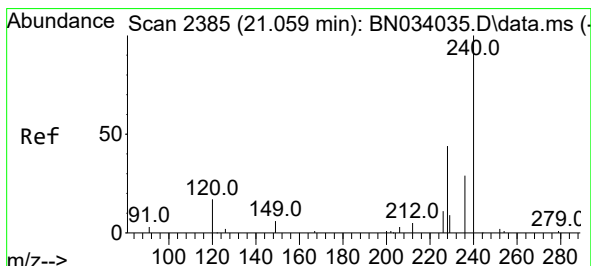
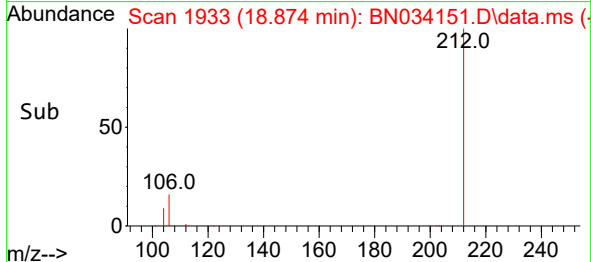
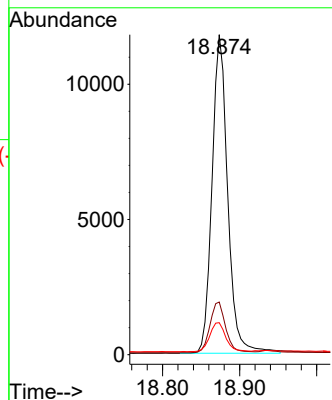
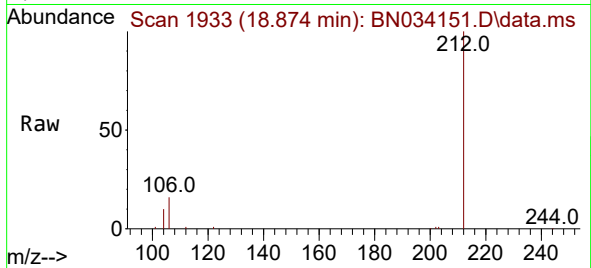




#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 18.874 min Scan# 1923
Delta R.T. -0.013 min
Lab File: BN034151.D
Acq: 22 Sep 2024 07:49

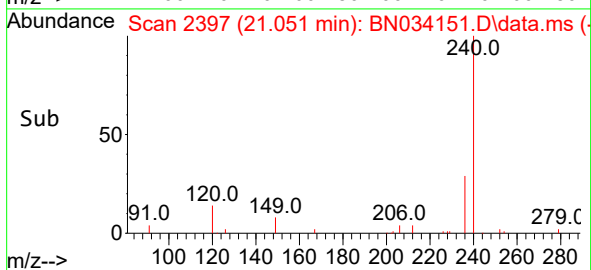
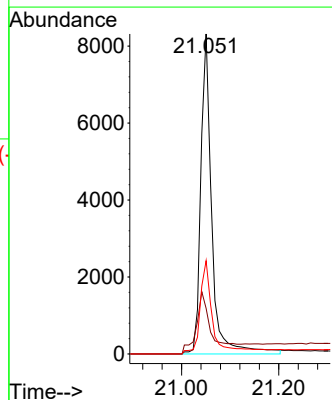
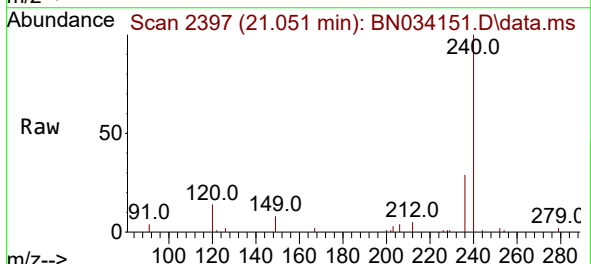
Instrument :
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RE122D1-20240916

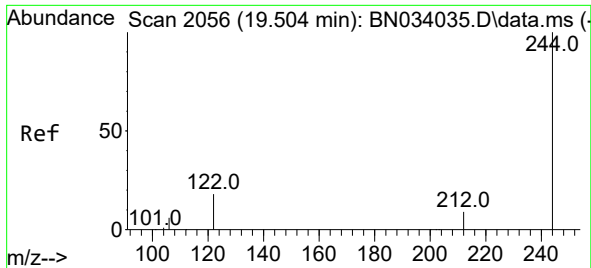
Tgt Ion:212 Resp: 16652
Ion Ratio Lower Upper
212 100
106 16.1 13.4 20.2
104 9.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.051 min Scan# 2397
Delta R.T. -0.008 min
Lab File: BN034151.D
Acq: 22 Sep 2024 07:49

Tgt Ion:240 Resp: 12486
Ion Ratio Lower Upper
240 100
120 14.3 13.5 20.3
236 29.1 23.4 35.0

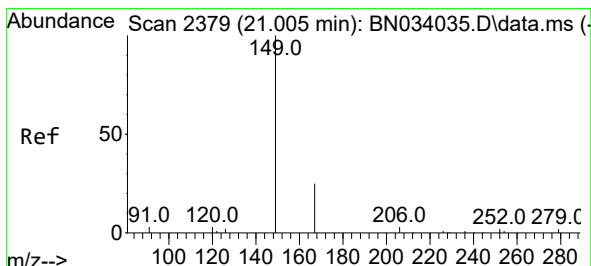
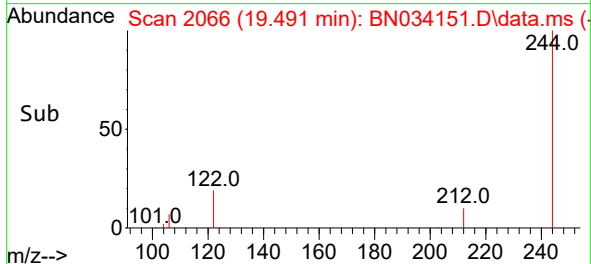
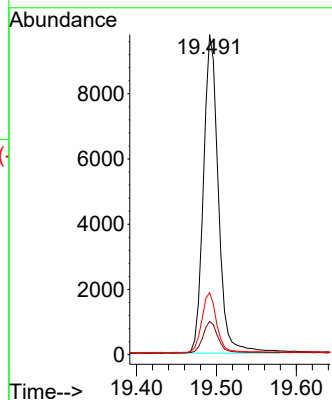
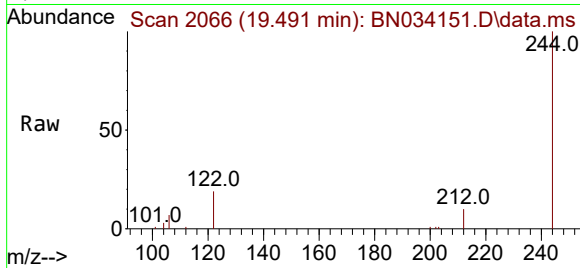




#31
 Terphenyl-d14
 Concen: 0.507 ng
 RT: 19.491 min Scan# 2056
 Delta R.T. -0.013 min
 Lab File: BN034151.D
 Acq: 22 Sep 2024 07:49

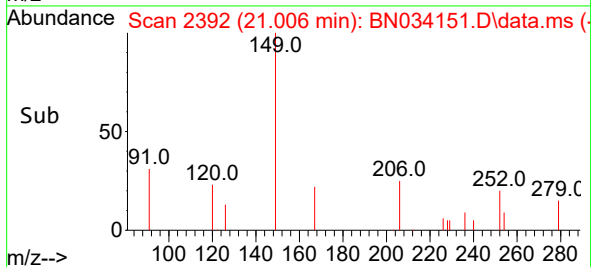
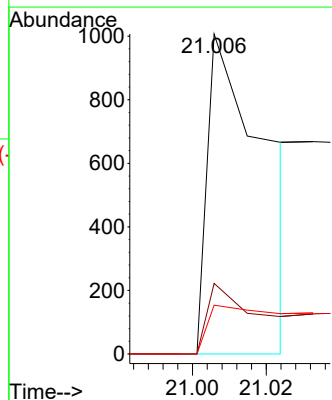
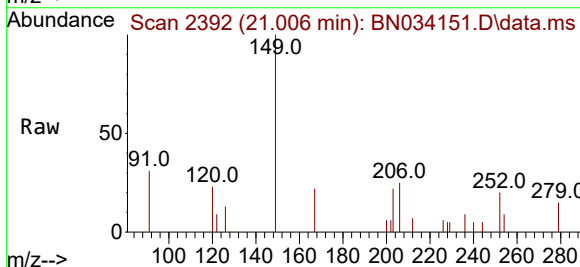
Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20240916

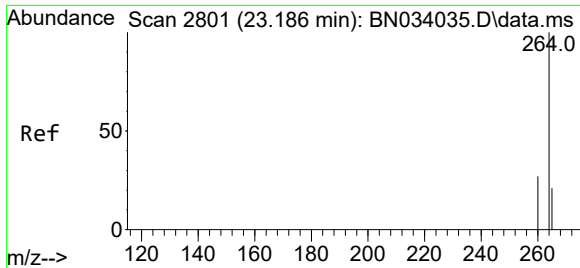
Tgt Ion:244 Resp: 12654
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.8 11.6
 122 19.3 14.8 22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.006 min Scan# 2392
 Delta R.T. 0.001 min
 Lab File: BN034151.D
 Acq: 22 Sep 2024 07:49

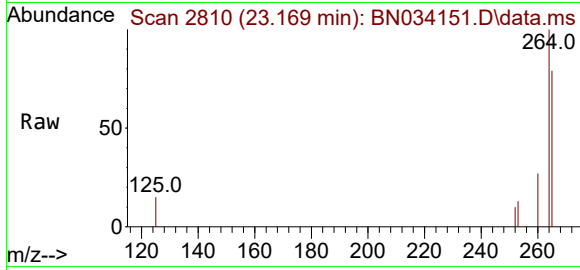
Tgt Ion:149 Resp: 962
 Ion Ratio Lower Upper
 149 100
 167 19.9 19.9 29.9#
 279 17.8 4.6 6.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.169 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BN034151.D
 Acq: 22 Sep 2024 07:49

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20240916



Tgt Ion:264 Resp: 9674
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.7 32.5
 265 78.6 52.1 78.1#

