

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080723\
 Data File : BN026829.D
 Acq On : 07 Aug 2023 14:00
 Operator : MA/JU
 Sample : 03840-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BUILDING-B-13-(0-5)

Quant Time: Aug 08 00:49:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 00:35:47 2023
 Response via : Initial Calibration

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

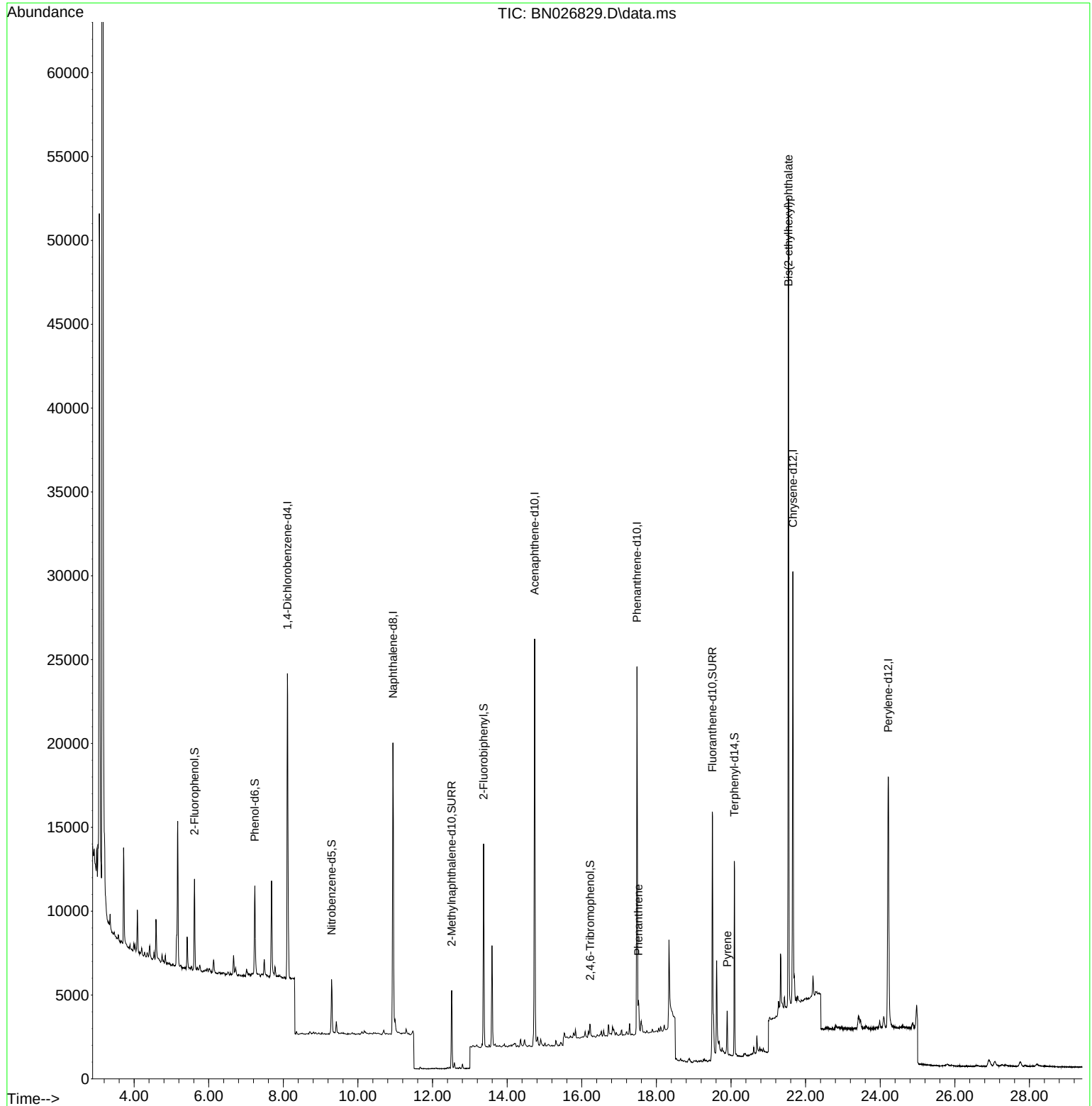
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	8908	0.400	ng	-0.01
7) Naphthalene-d8	10.938	136	24731	0.400	ng	-0.01
13) Acenaphthene-d10	14.737	164	13817	0.400	ng	-0.01
19) Phenanthrene-d10	17.480	188	28670	0.400	ng	-0.01
29) Chrysene-d12	21.659	240	23756	0.400	ng	-0.02
35) Perylene-d12	24.215	264	24352	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	4387	0.194	ng	0.00
5) Phenol-d6	7.235	99	4958	0.170	ng	0.00
8) Nitrobenzene-d5	9.294	82	2721	0.186	ng	-0.01
11) 2-Methylnaphthalene-d10	12.513	152	6288	0.177	ng	-0.01
14) 2,4,6-Tribromophenol	16.226	330	503	0.107	ng	0.00
15) 2-Fluorobiphenyl	13.368	172	9993	0.177	ng	-0.01
27) Fluoranthene-d10	19.504	212	13473	0.196	ng	0.00
31) Terphenyl-d14	20.090	244	11174	0.226	ng	-0.02
Target Compounds						Qvalue
25) Phenanthrene	17.517	178	2157	0.025	ng	# 91
30) Pyrene	19.899	202	2370	0.023	ng	97
34) Bis(2-ethylhexyl)phtha...	21.542	149	48050	1.778	ng	98

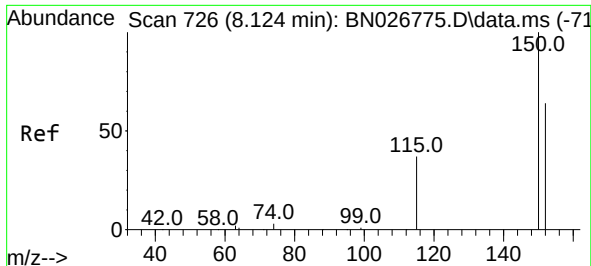
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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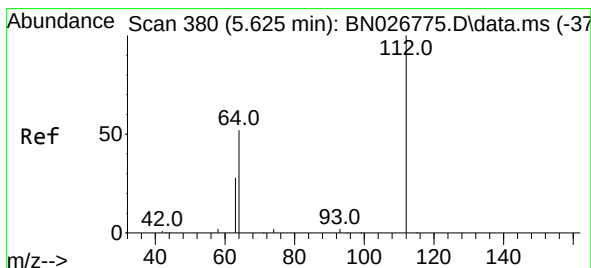
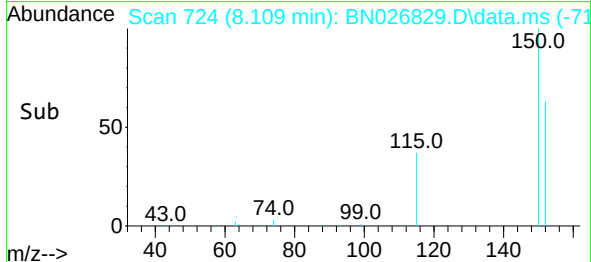
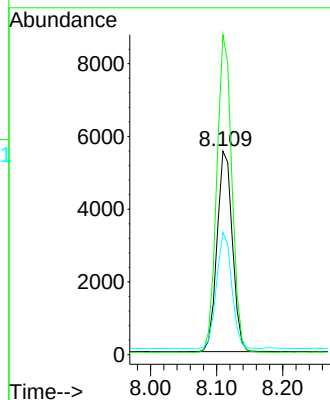
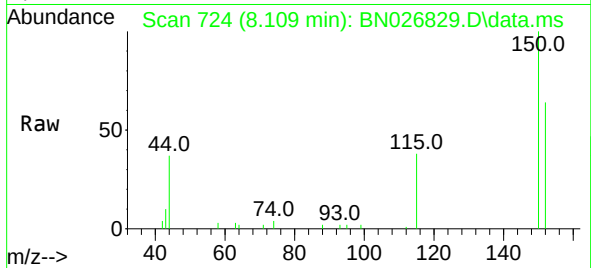




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

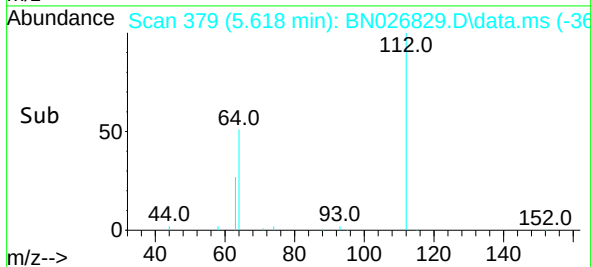
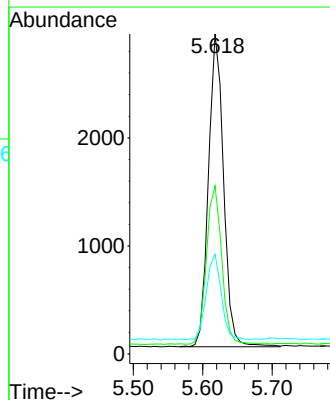
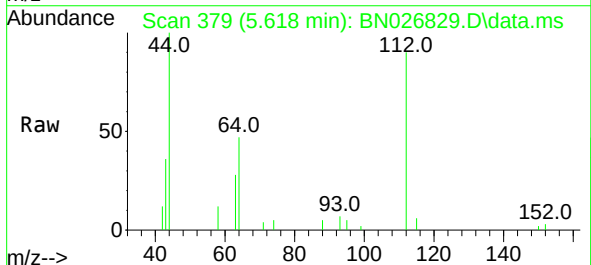
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-13-(0-5)

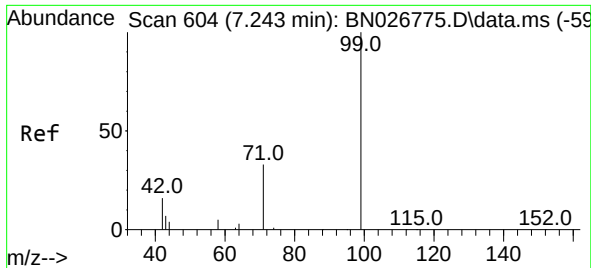
Tgt Ion:152 Resp: 8908
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.8
115 60.1 48.0 72.0



#4
2-Fluorophenol
Concen: 0.194 ng
RT: 5.618 min Scan# 379
Delta R.T. -0.007 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

Tgt Ion:112 Resp: 4387
Ion Ratio Lower Upper
112 100
64 51.2 42.2 63.2
63 26.8 22.7 34.1

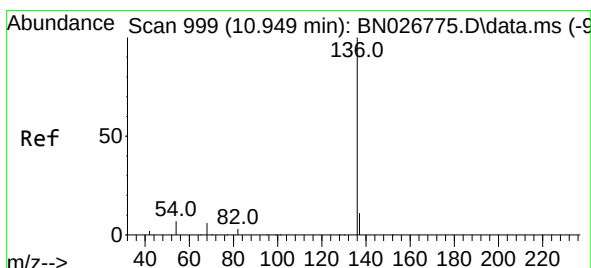
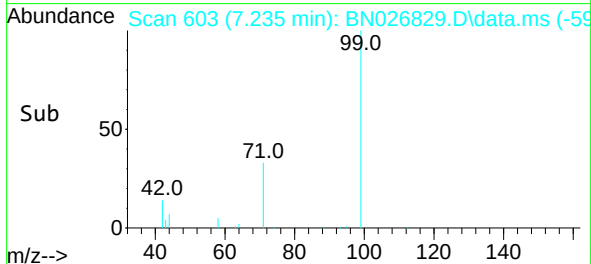
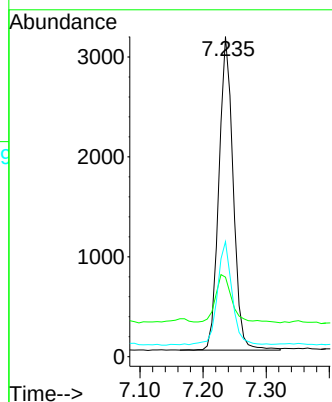
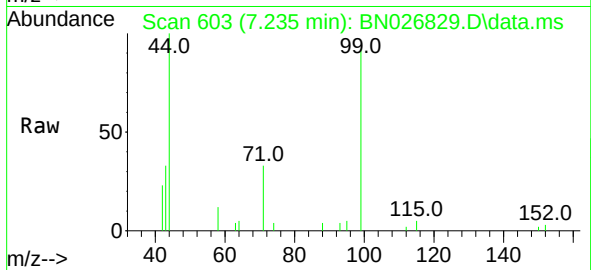




#5
Phenol-d6
Concen: 0.170 ng
RT: 7.235 min Scan# 604
Delta R.T. -0.007 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

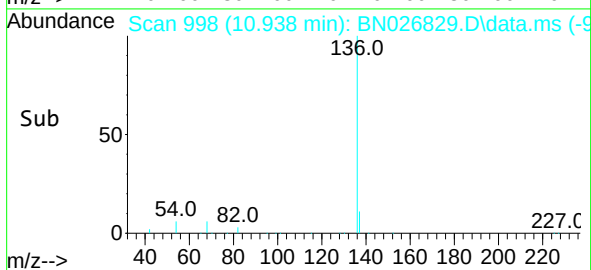
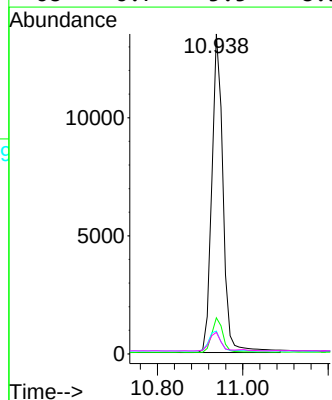
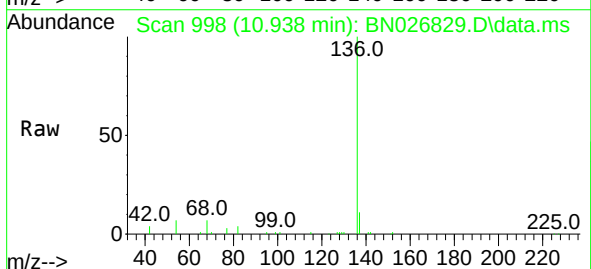
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-13-(0-5)

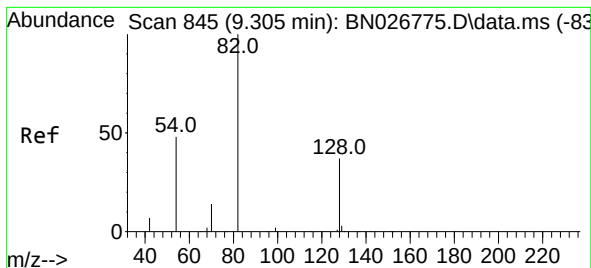
Tgt Ion: 99 Resp: 4958
Ion Ratio Lower Upper
99 100
42 17.9 14.6 22.0
71 34.4 26.6 40.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. -0.011 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

Tgt Ion: 136 Resp: 24731
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 7.2 6.2 9.2
68 6.7 5.5 8.3

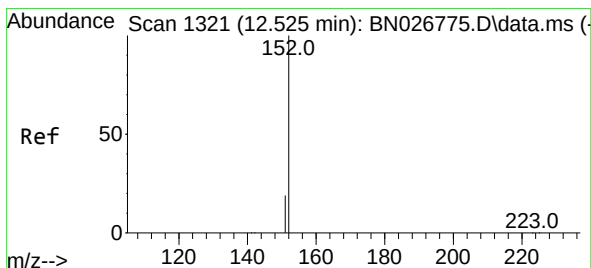
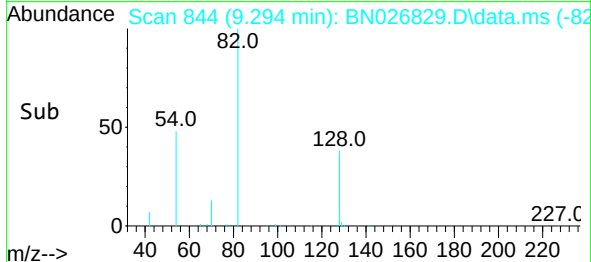
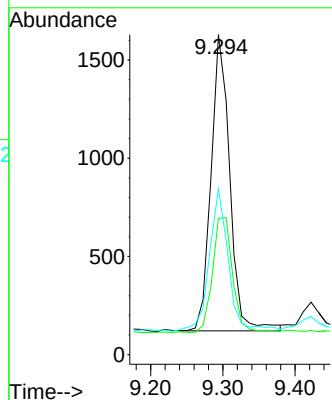
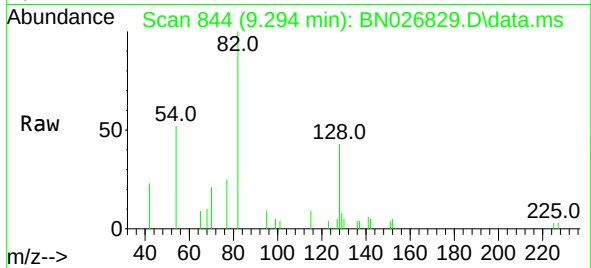




#8
Nitrobenzene-d5
Concen: 0.186 ng
RT: 9.294 min Scan# 845
Delta R.T. -0.011 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

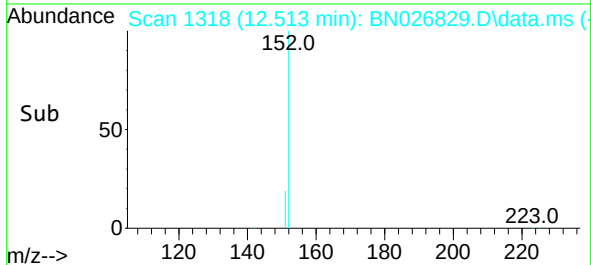
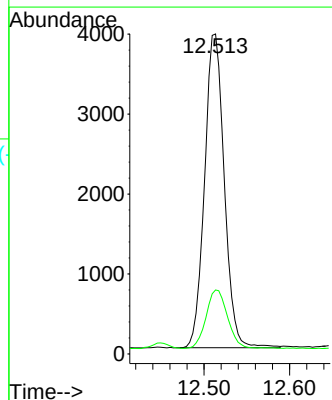
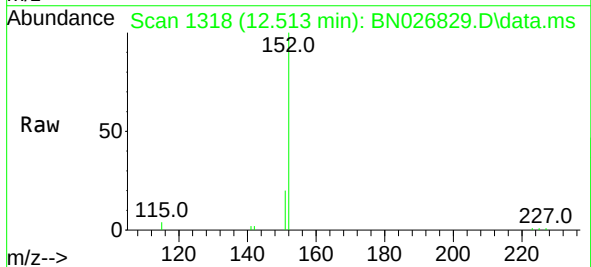
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-13-(0-5)

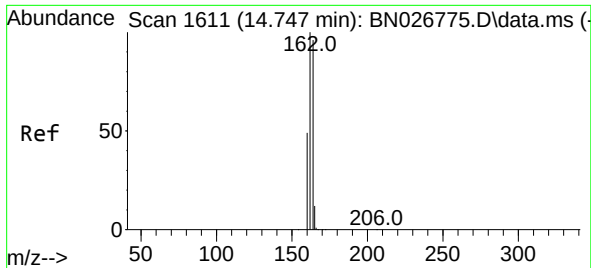
Tgt Ion: 82 Resp: 2721
Ion Ratio Lower Upper
82 100
128 42.6 30.5 45.7
54 51.7 39.4 59.2



#11
2-Methylnaphthalene-d10
Concen: 0.177 ng
RT: 12.513 min Scan# 1318
Delta R.T. -0.011 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

Tgt Ion: 152 Resp: 6288
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7

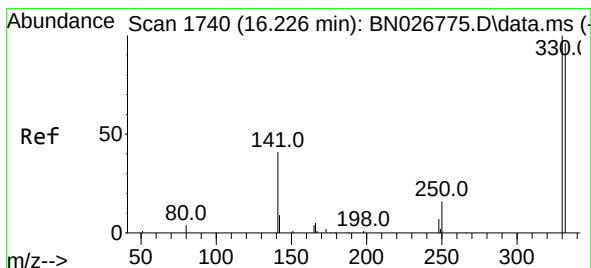
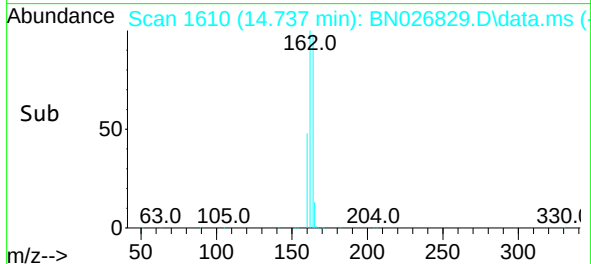
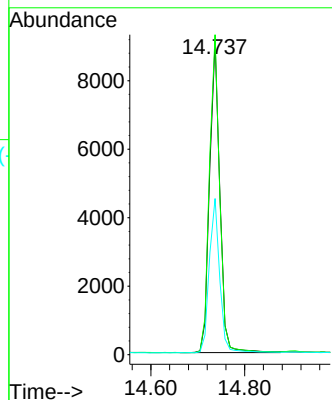
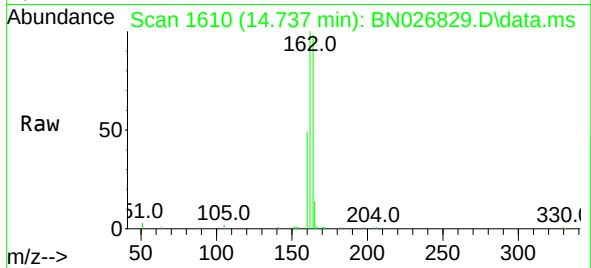




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1610
Delta R.T. -0.011 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

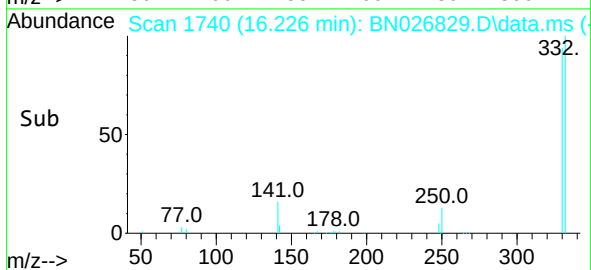
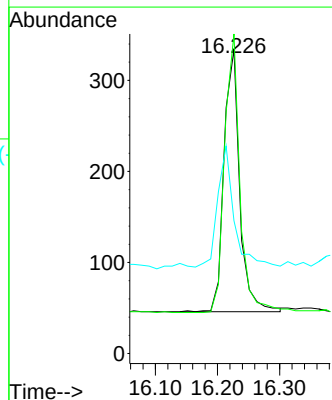
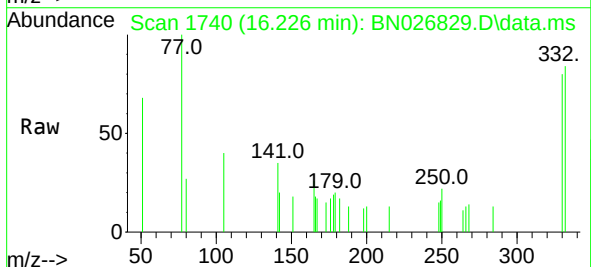
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-13-(0-5)

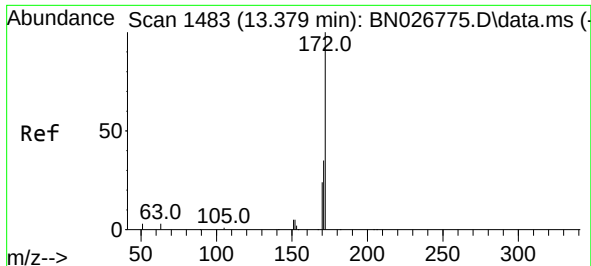
Tgt Ion:164 Resp: 13817
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.6
160 49.8 40.8 61.2



#14
2,4,6-Tribromophenol
Concen: 0.107 ng
RT: 16.226 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

Tgt Ion:330 Resp: 503
Ion Ratio Lower Upper
330 100
332 104.0 77.8 116.6
141 48.1 34.8 52.2

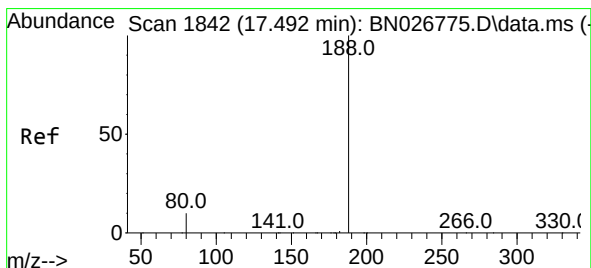
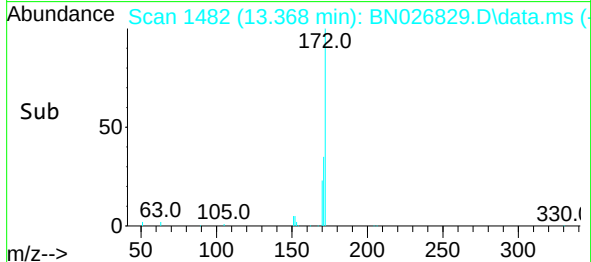
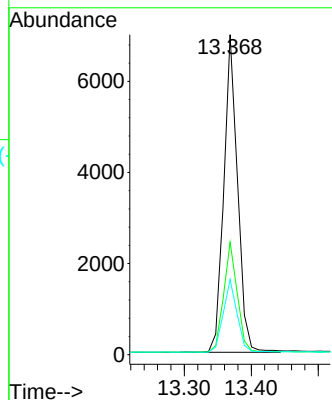
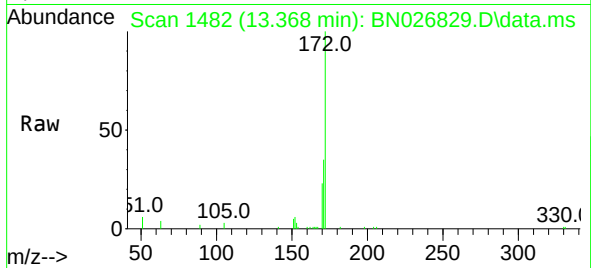




#15
2-Fluorobiphenyl
Concen: 0.177 ng
RT: 13.368 min Scan# 1482
Delta R.T. -0.011 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

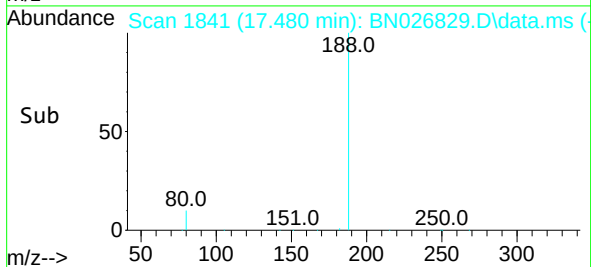
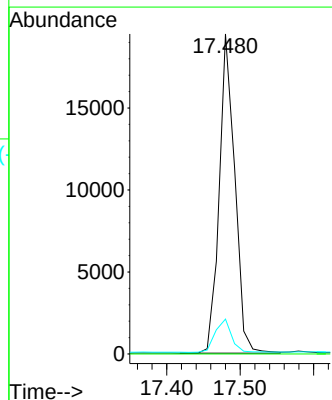
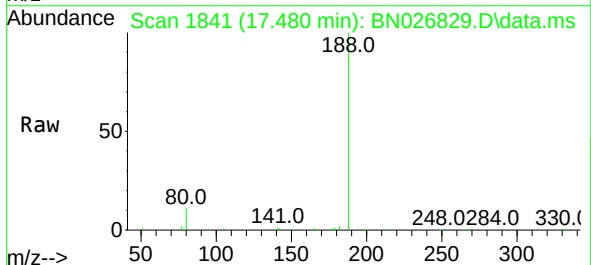
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-13-(0-5)

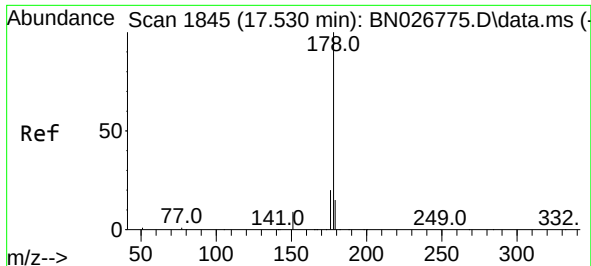
Tgt Ion:172 Resp: 9993
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.5 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

Tgt Ion:188 Resp: 28670
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 8.0 12.0

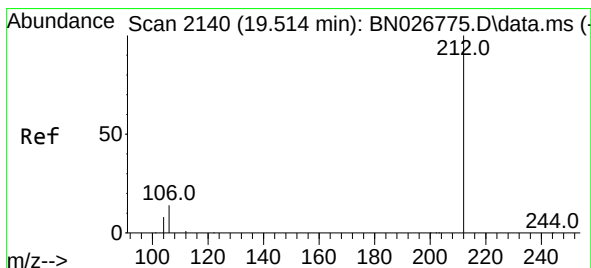
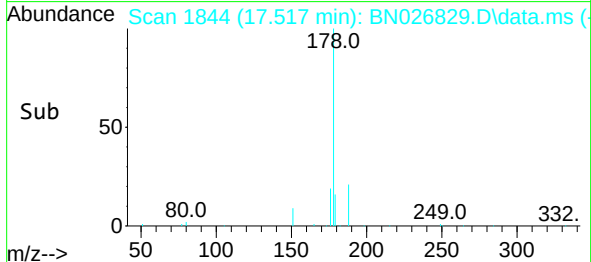
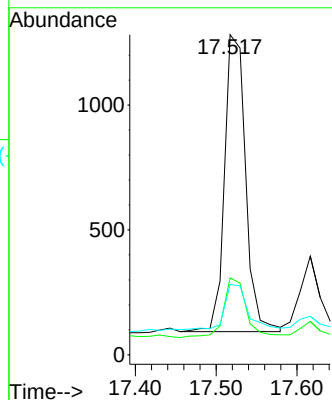
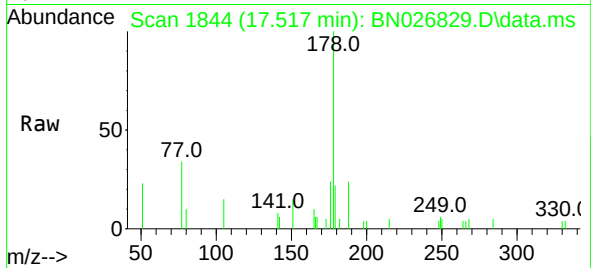




#25
Phenanthrene
Concen: 0.025 ng
RT: 17.517 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

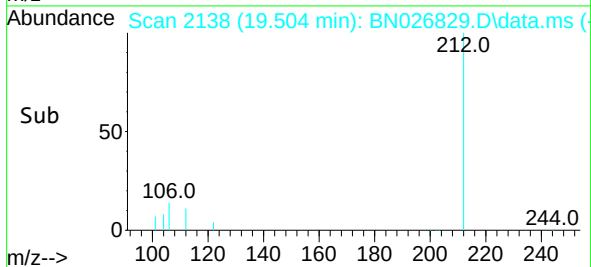
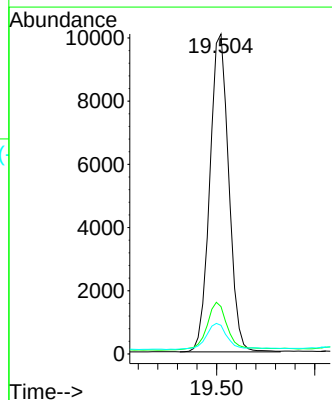
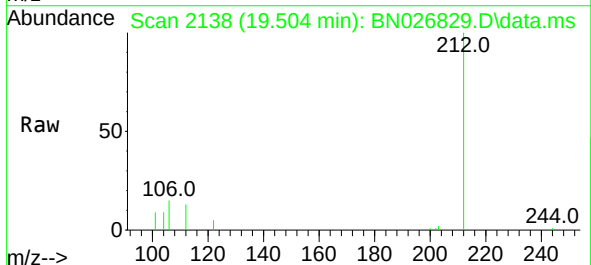
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-13-(0-5)

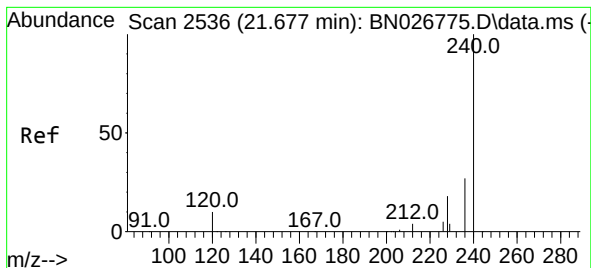
Tgt Ion:178 Resp: 2157
Ion Ratio Lower Upper
178 100
176 21.7 15.4 23.0
179 20.4 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.196 ng
RT: 19.504 min Scan# 2138
Delta R.T. -0.009 min
Lab File: BN026829.D
Acq: 07 Aug 2023 14:00

Tgt Ion:212 Resp: 13473
Ion Ratio Lower Upper
212 100
106 16.7 11.7 17.5
104 9.0 6.4 9.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.659 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN026829.D

Acq: 07 Aug 2023 14:00

Instrument :

BNA_N

ClientSampleId :

BUILDING-B-13-(0-5)

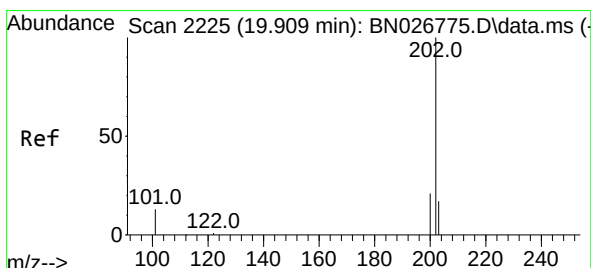
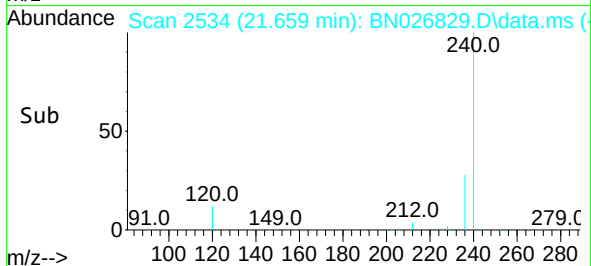
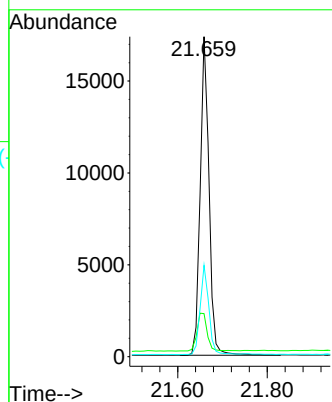
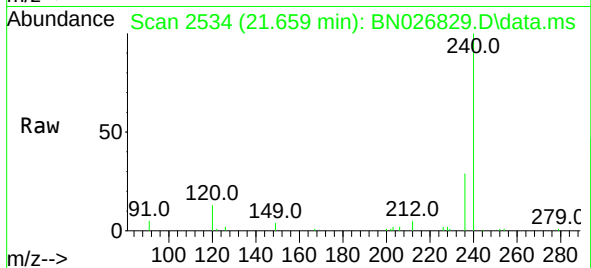
Tgt Ion:240 Resp: 23756

Ion Ratio Lower Upper

240 100

120 13.4 9.2 13.8

236 28.5 21.9 32.9



#30

Pyrene

Concen: 0.023 ng

RT: 19.899 min Scan# 2223

Delta R.T. -0.009 min

Lab File: BN026829.D

Acq: 07 Aug 2023 14:00

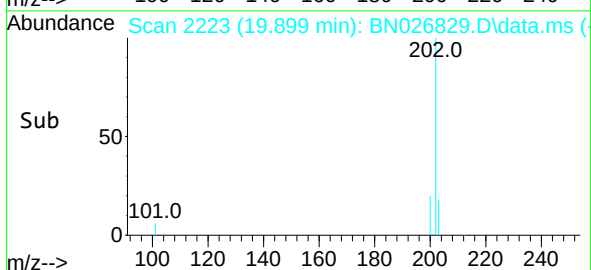
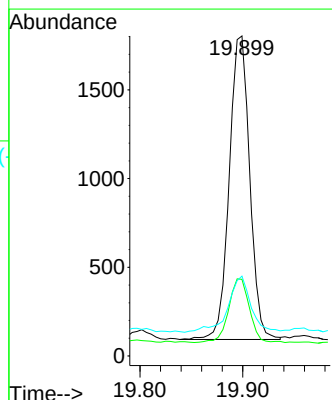
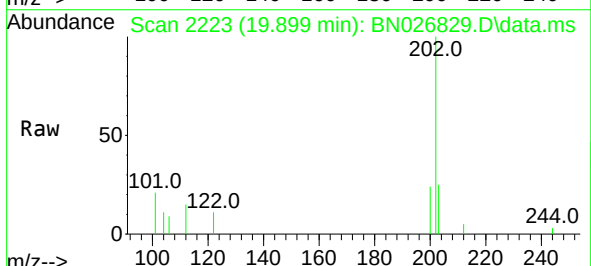
Tgt Ion:202 Resp: 2370

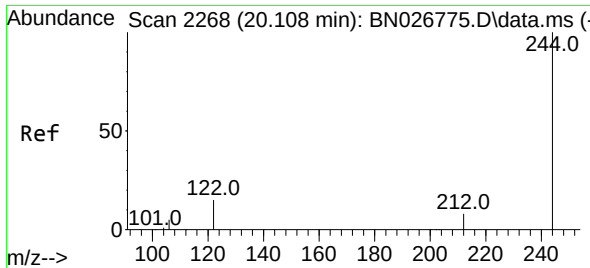
Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

203 20.5 14.2 21.2

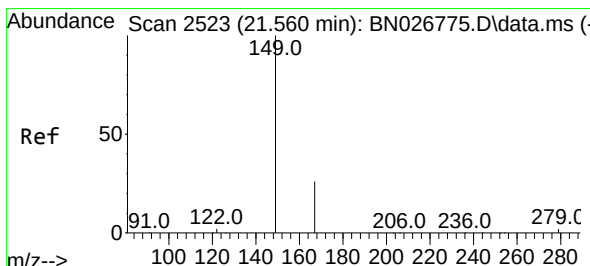
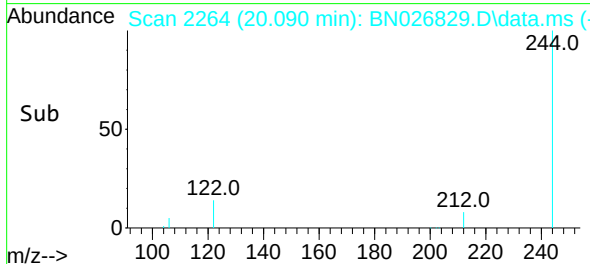
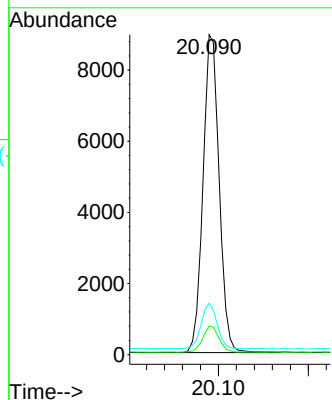
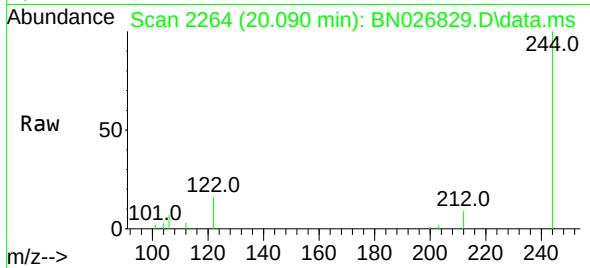




#31
 Terphenyl-d14
 Concen: 0.226 ng
 RT: 20.090 min Scan# 21174
 Delta R.T. -0.019 min
 Lab File: BN026829.D
 Acq: 07 Aug 2023 14:00

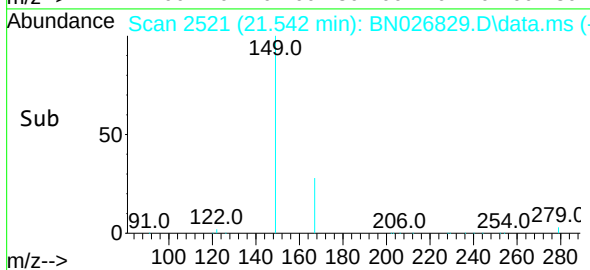
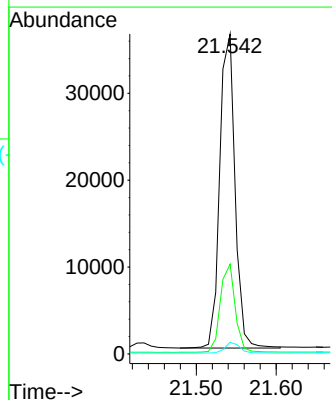
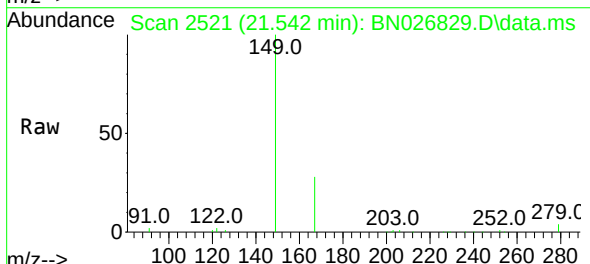
Instrument :
 BNA_N
 ClientSampleId :
 BUILDING-B-13-(0-5)

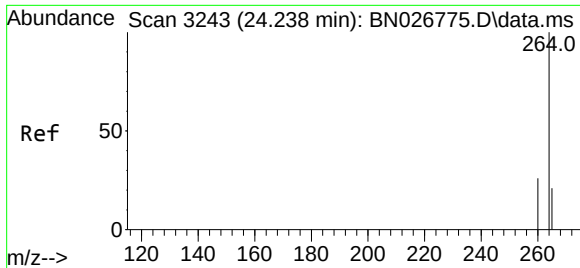
Tgt Ion:244 Resp: 11174
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.4
 122 16.1 12.3 18.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.778 ng
 RT: 21.542 min Scan# 2521
 Delta R.T. -0.018 min
 Lab File: BN026829.D
 Acq: 07 Aug 2023 14:00

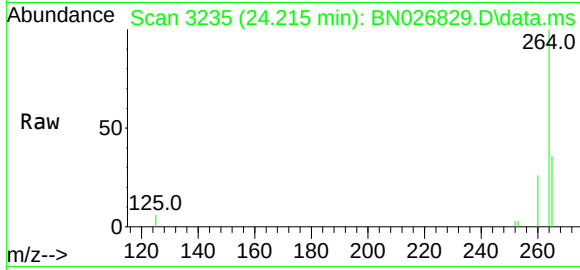
Tgt Ion:149 Resp: 48050
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.8 31.2
 279 3.2 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.215 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: BN026829.D
 Acq: 07 Aug 2023 14:00

Instrument :
 BNA_N
 ClientSampleId :
 BUILDING-B-13-(0-5)



Tgt Ion:264 Resp: 24352
 Ion Ratio Lower Upper
 264 100
 260 25.6 21.0 31.6
 265 36.4 22.6 33.8#

