

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN018013.D
 Acq On : 14 Dec 2021 21:55
 Operator : CG/JU
 Sample : PB141193BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141193BL

Quant Time: Dec 15 02:21:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 01:08:04 2021
 Response via : Initial Calibration

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

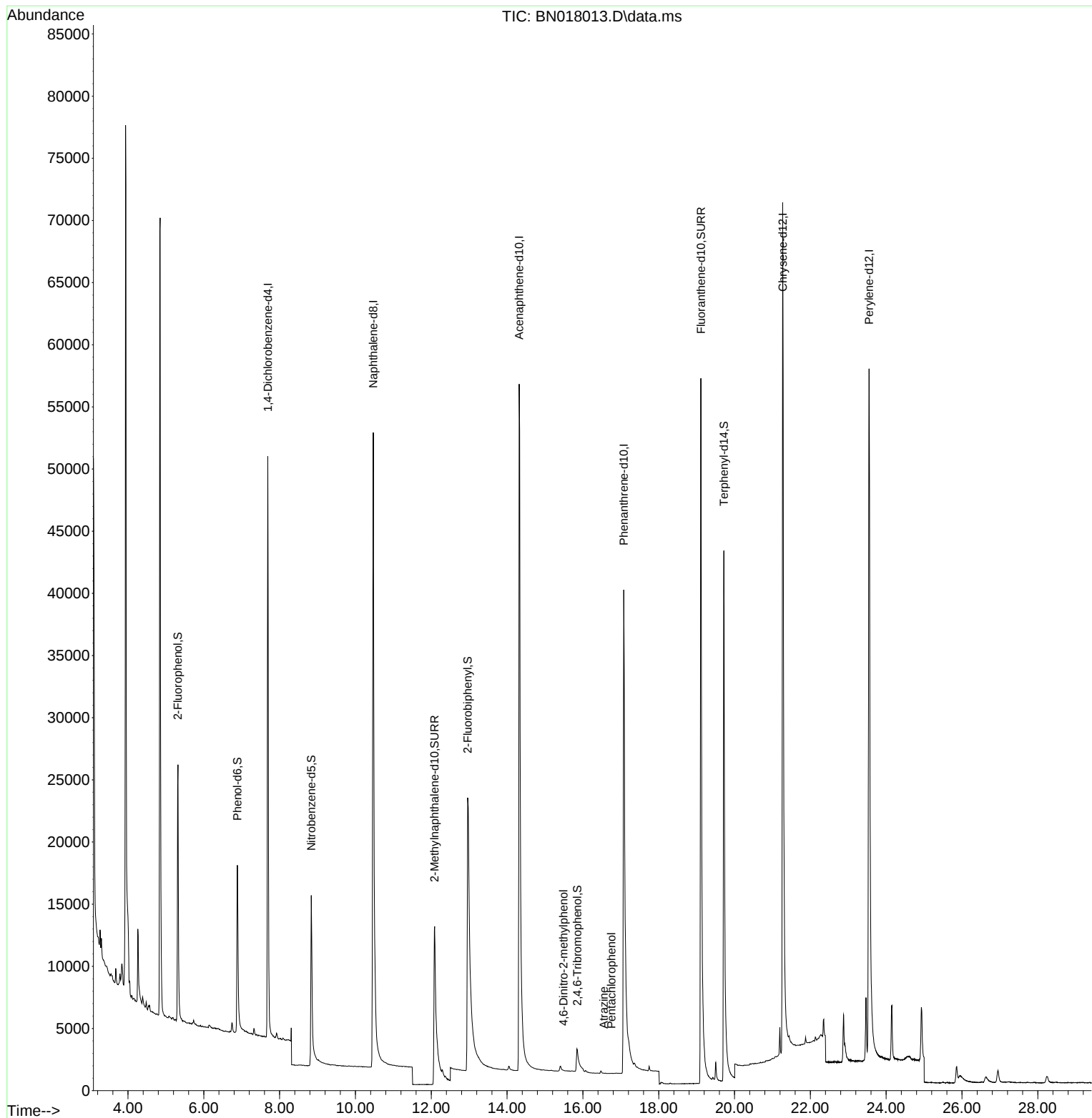
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	26322	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	100054	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	57843	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	107002	0.400	ng	0.01
29) Chrysene-d12	21.270	240	112134	0.400	ng	0.00
35) Perylene-d12	23.549	264	108918	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	19089	0.335	ng	0.03
5) Phenol-d6	6.886	99	15561	0.272	ng	0.02
8) Nitrobenzene-d5	8.835	82	16861	0.237	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	43955	0.265	ng	0.02
14) 2,4,6-Tribromophenol	15.855	330	3420	0.282	ng	0.04
15) 2-Fluorobiphenyl	12.962	172	41632	0.207	ng	0.01
27) Fluoranthene-d10	19.112	212	115771	0.324	ng	0.00
31) Terphenyl-d14	19.718	244	81966	0.351	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.487	198	2	0.208	ng	# 1
23) Atrazine	16.555	200	18	0.081	ng	# 1
24) Pentachlorophenol	16.750	266	4	0.243	ng	# 19

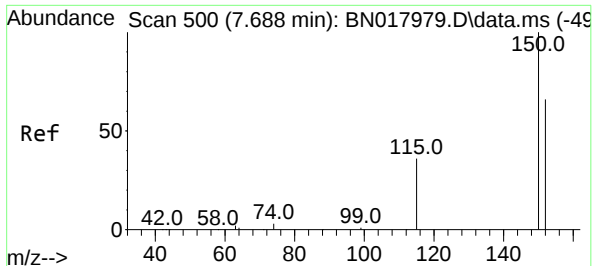
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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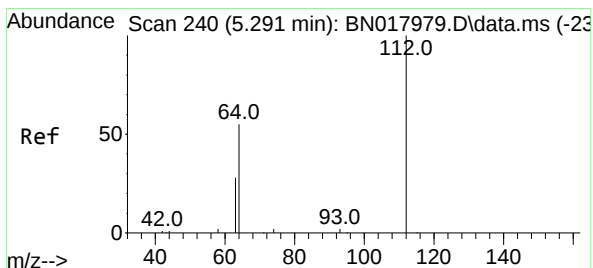
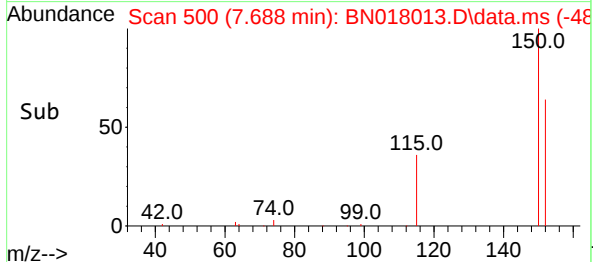
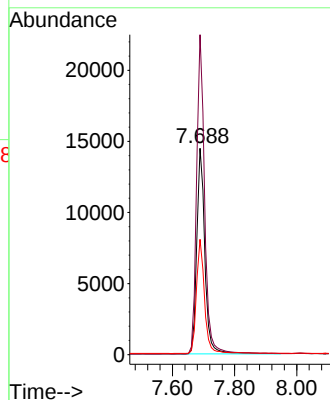
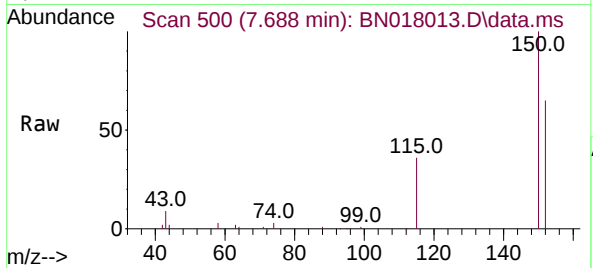




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. 0.000 min
 Lab File: BN018013.D
 Acq: 14 Dec 2021 21:55

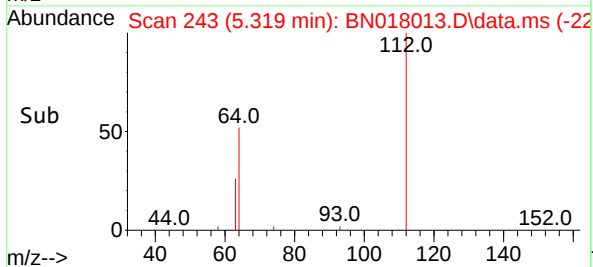
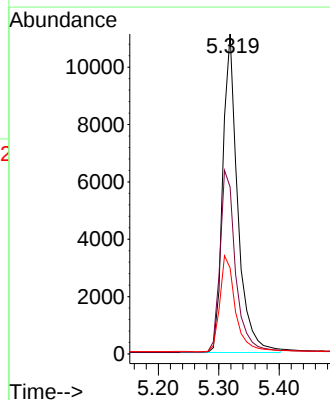
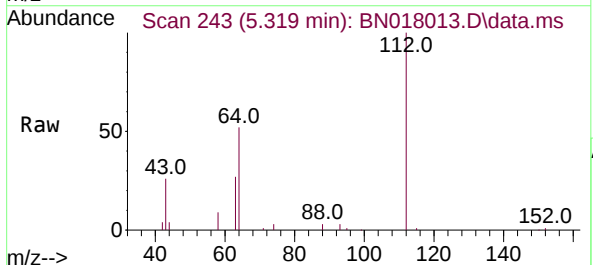
Instrument :
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 ClientSampleId :
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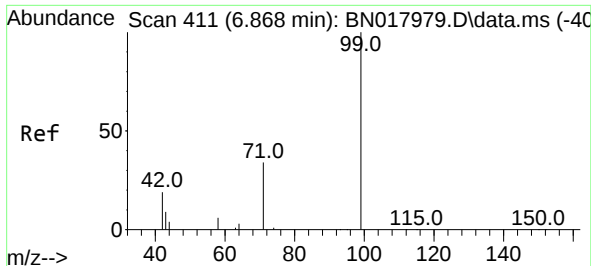
Tgt Ion:152 Resp: 26322
 Ion Ratio Lower Upper
 152 100
 150 155.0 121.7 182.5
 115 55.9 43.8 65.8



#4
 2-Fluorophenol
 Concen: 0.335 ng
 RT: 5.319 min Scan# 243
 Delta R.T. 0.028 min
 Lab File: BN018013.D
 Acq: 14 Dec 2021 21:55

Tgt Ion:112 Resp: 19089
 Ion Ratio Lower Upper
 112 100
 64 60.0 48.0 72.0
 63 31.4 25.3 37.9

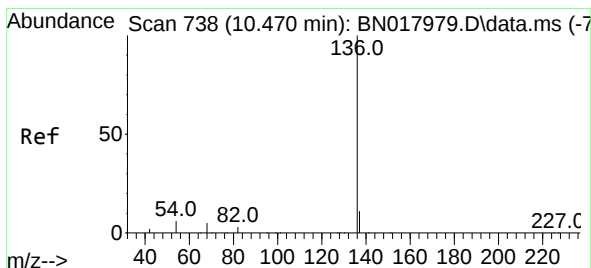
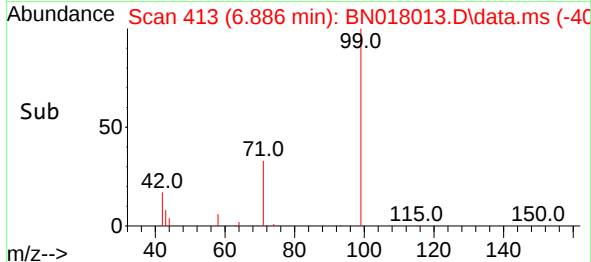
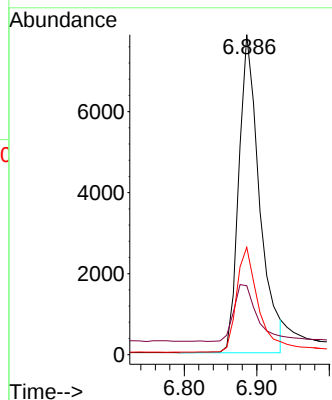
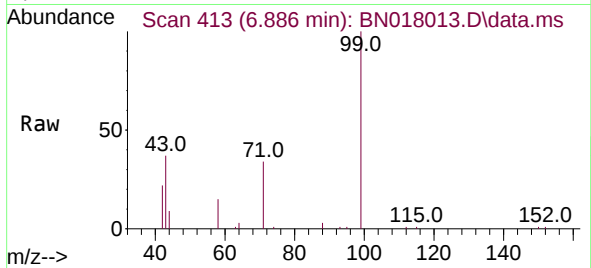




#5
Phenol-d6
Concen: 0.272 ng
RT: 6.886 min Scan# 411
Delta R.T. 0.019 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55

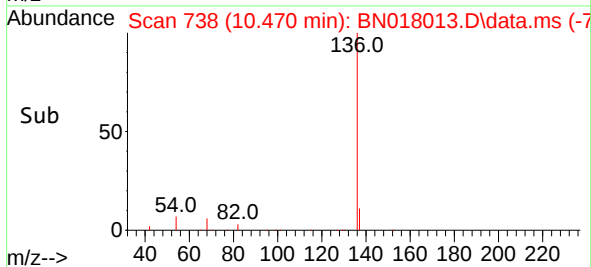
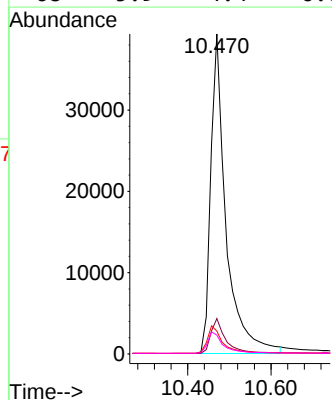
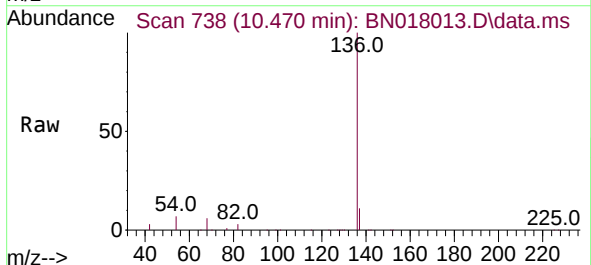
Instrument :
BNA_N
ClientSampleId :
PB141193BL

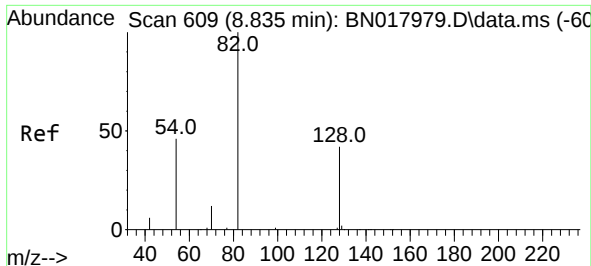
Tgt Ion: 99 Resp: 15561
Ion Ratio Lower Upper
99 100
42 19.6 16.3 24.5
71 33.7 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55

Tgt Ion: 136 Resp: 100054
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.2 5.0 7.6
68 5.9 4.4 6.6

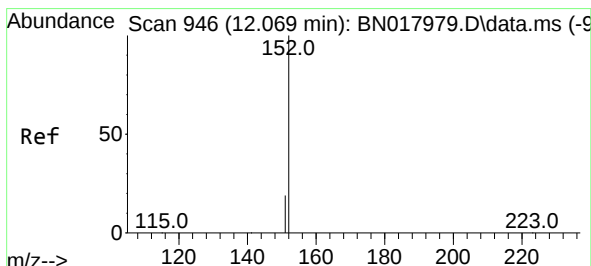
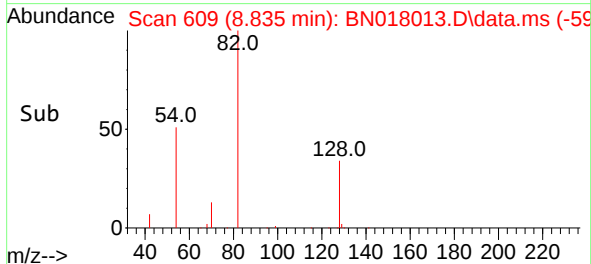
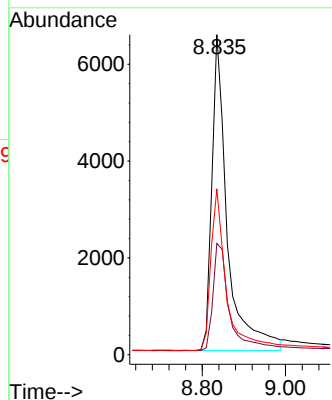
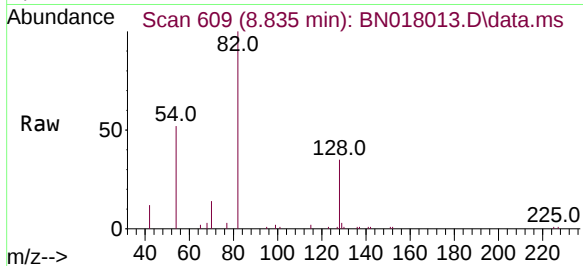




#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55

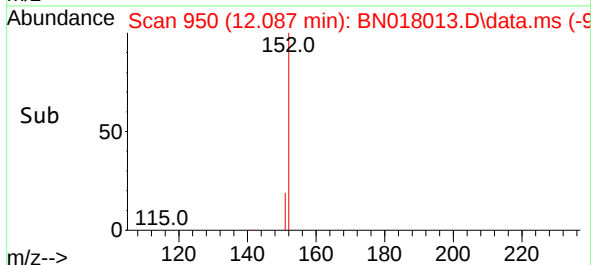
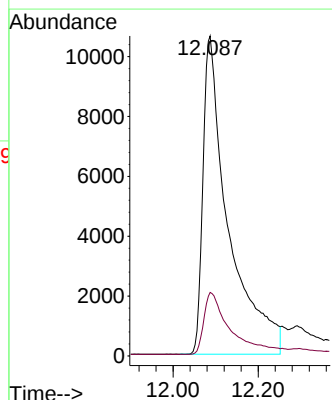
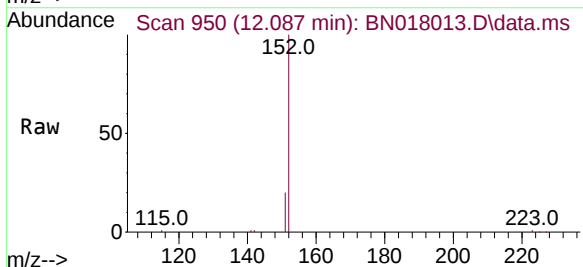
Instrument :
BNA_N
ClientSampleId :
PB141193BL

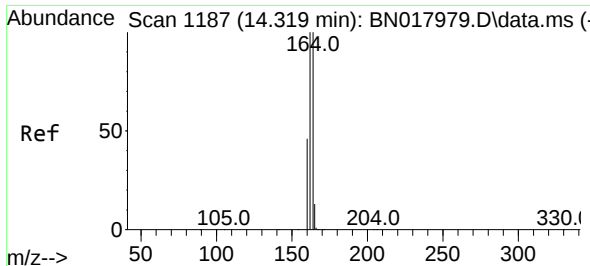
Tgt Ion: 82 Resp: 16861
Ion Ratio Lower Upper
82 100
128 34.8 33.7 50.5
54 51.8 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 12.087 min Scan# 950
Delta R.T. 0.018 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55

Tgt Ion: 152 Resp: 43955
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2

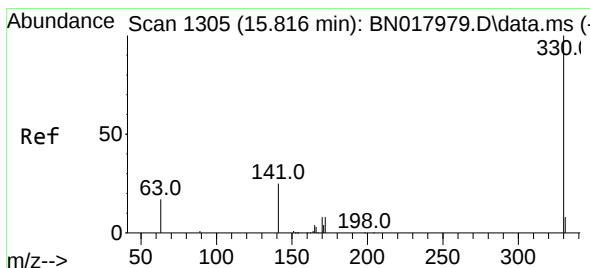
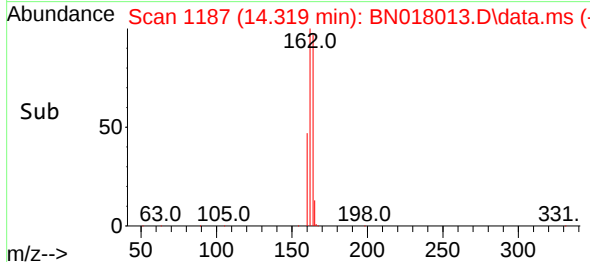
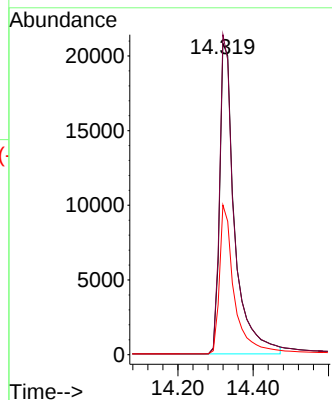
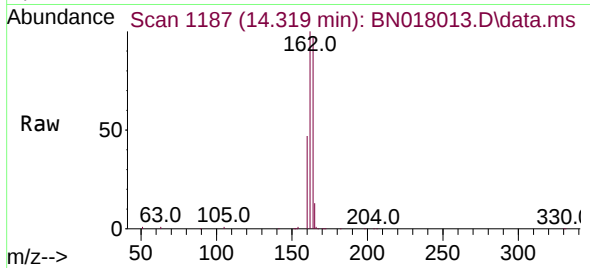




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.319 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55

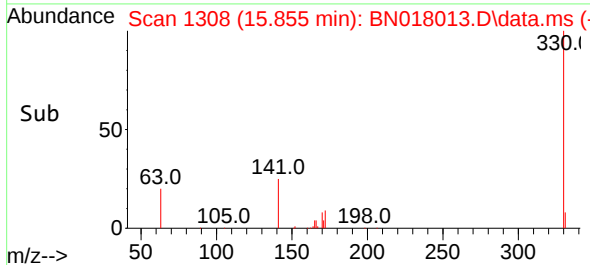
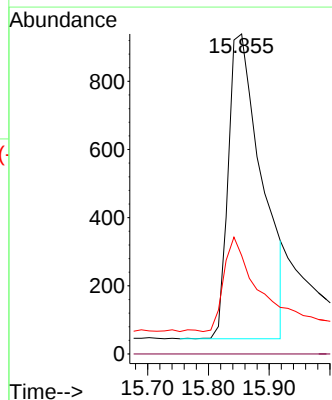
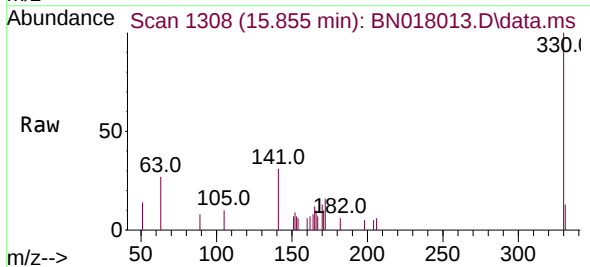
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ClientSampleId :
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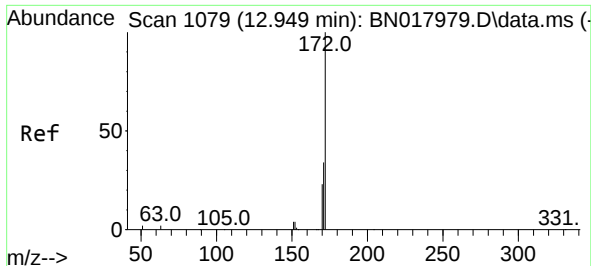
Tgt Ion:164 Resp: 57843
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 48.1 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.855 min Scan# 1308
Delta R.T. 0.039 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55

Tgt Ion:330 Resp: 3420
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.5 21.3 31.9

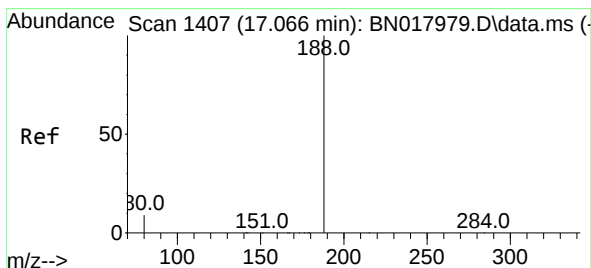
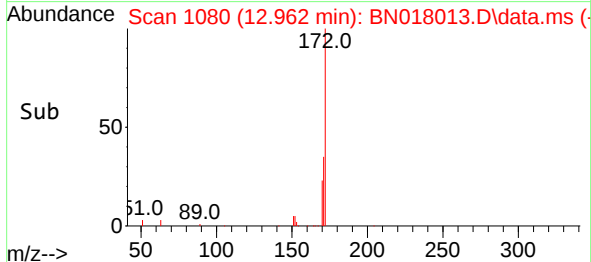
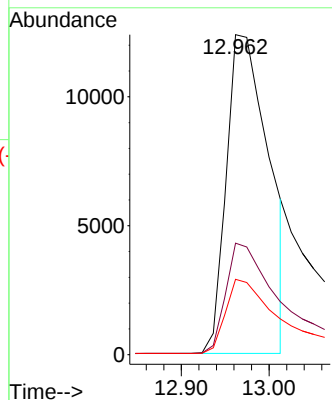
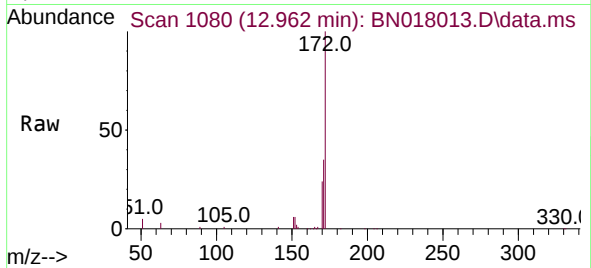




#15
2-Fluorobiphenyl
Concen: 0.207 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.013 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55

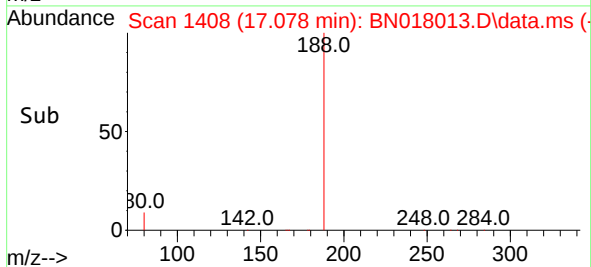
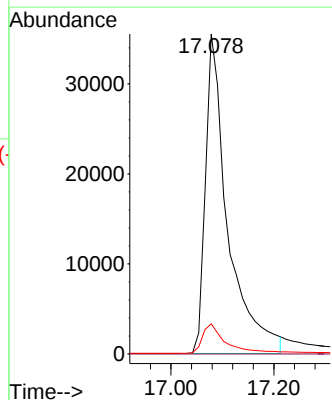
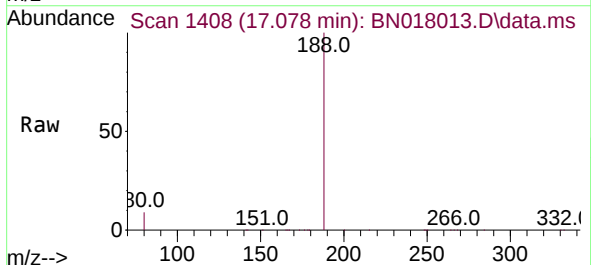
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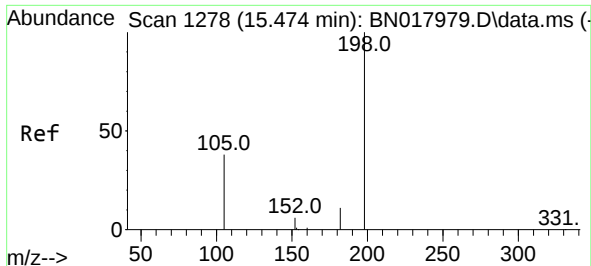
Tgt Ion:172 Resp: 41632
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 23.5 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55

Tgt Ion:188 Resp: 107002
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.0 10.4

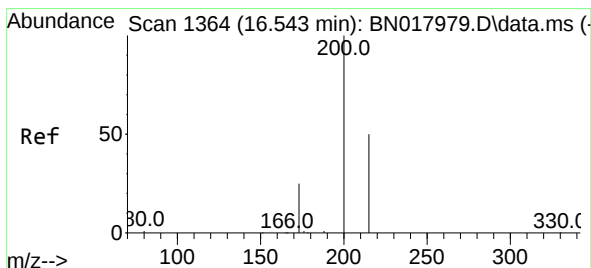
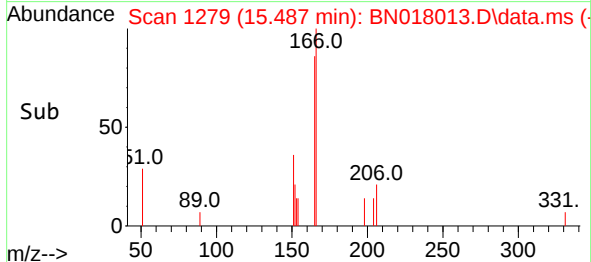
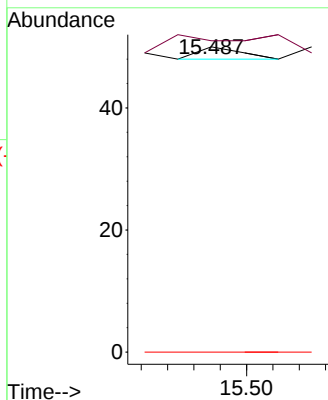
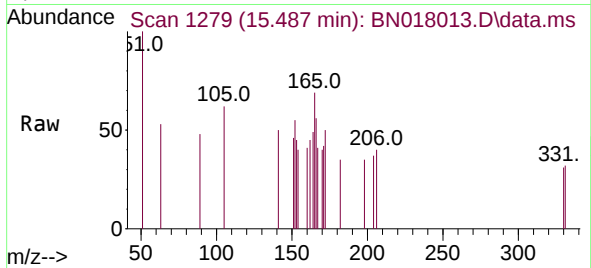




#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.487 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55

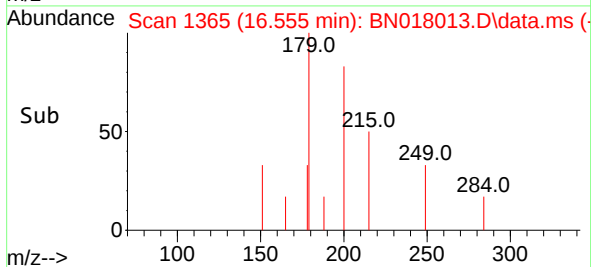
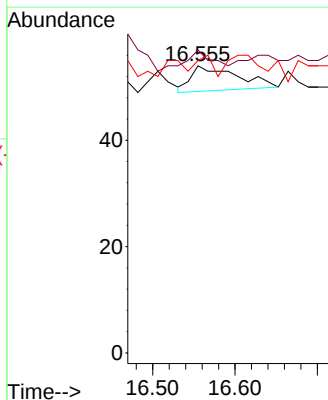
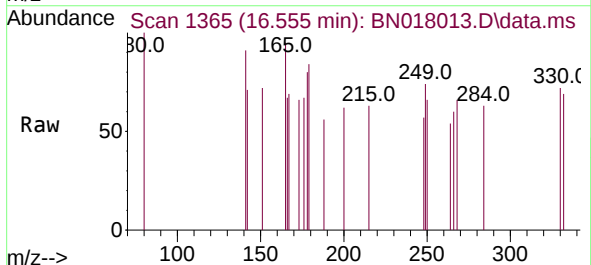
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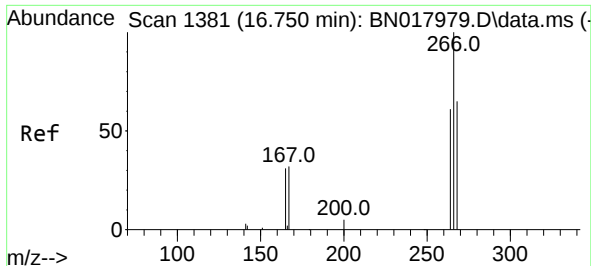
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 102.0 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.081 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55

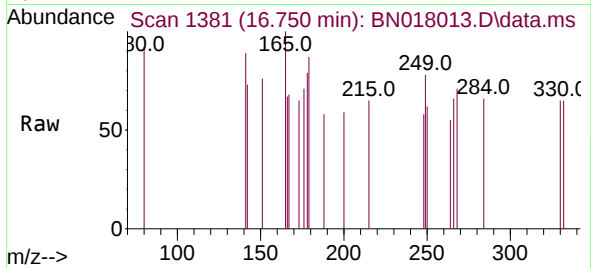
Tgt Ion:200 Resp: 18
Ion Ratio Lower Upper
200 100
173 105.6 20.3 30.5#
215 101.9 40.4 60.6#



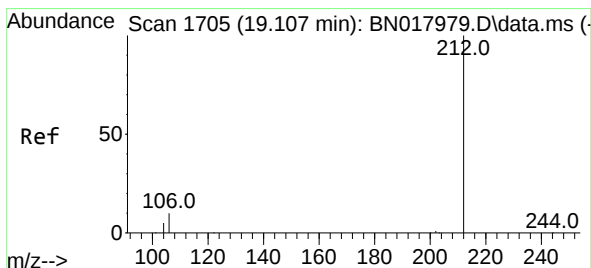
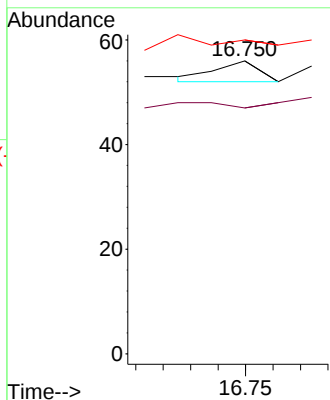
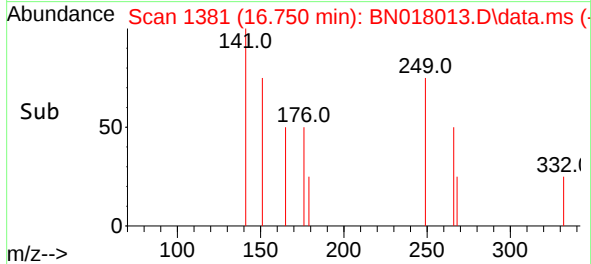


#24
Pentachlorophenol
Concen: 0.243 ng
RT: 16.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55

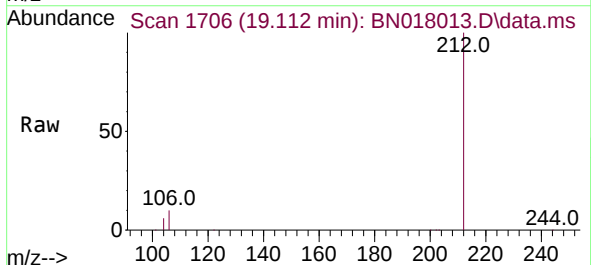
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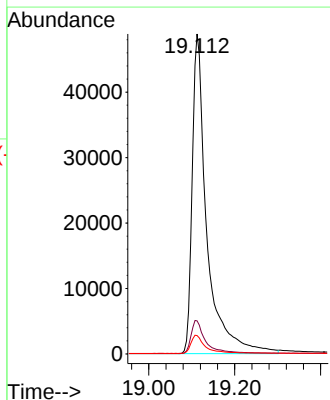
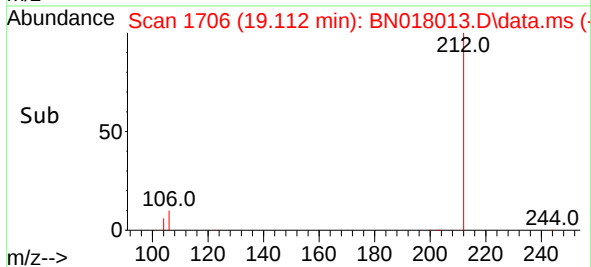
Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 0.0 49.5 74.3#
268 0.0 50.6 76.0#

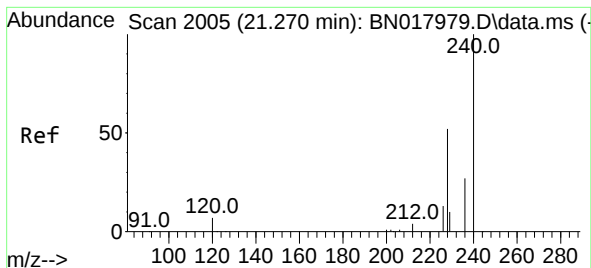


#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.112 min Scan# 1706
Delta R.T. 0.005 min
Lab File: BN018013.D
Acq: 14 Dec 2021 21:55



Tgt Ion:212 Resp: 115771
Ion Ratio Lower Upper
212 100
106 10.4 8.4 12.6
104 5.8 4.5 6.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.270 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BN018013.D

Acq: 14 Dec 2021 21:55

Instrument :

BNA_N

ClientSampleId :

PB141193BL

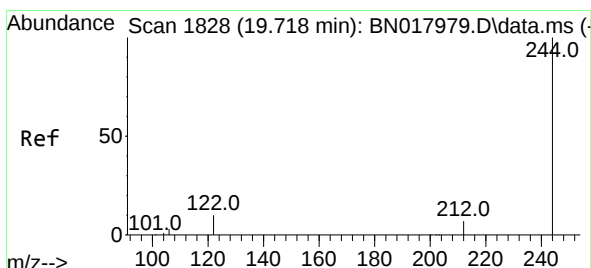
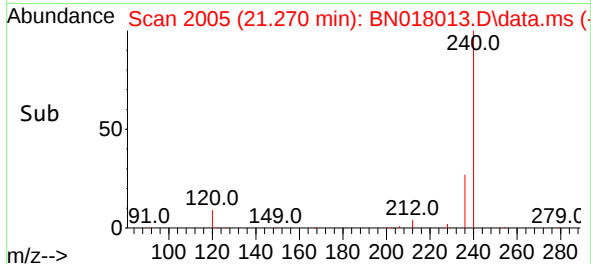
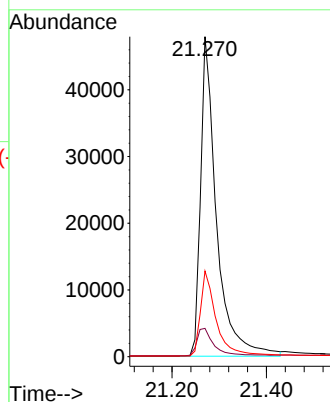
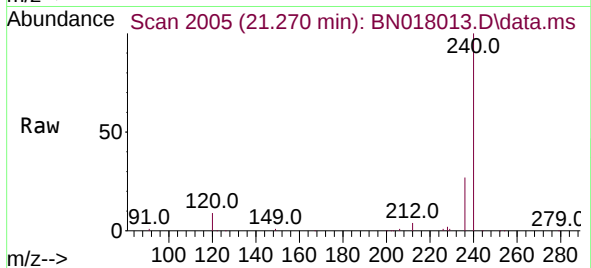
Tgt Ion:240 Resp: 112134

Ion Ratio Lower Upper

240 100

120 8.9 6.0 9.0

236 26.7 21.4 32.2



#31

Terphenyl-d14

Concen: 0.351 ng

RT: 19.718 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BN018013.D

Acq: 14 Dec 2021 21:55

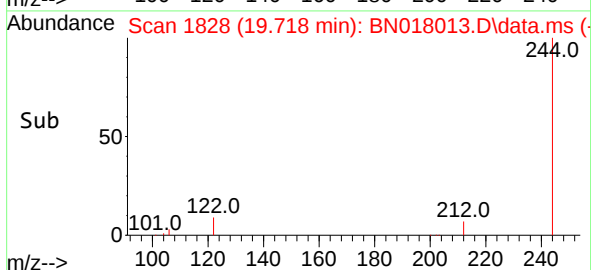
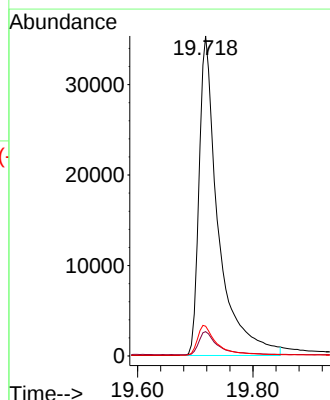
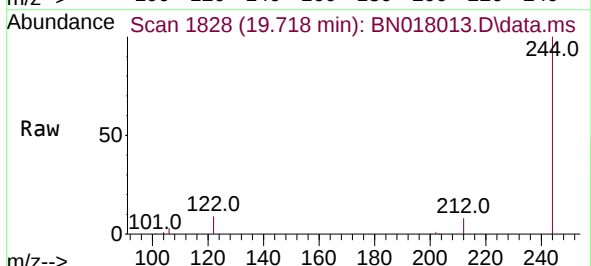
Tgt Ion:244 Resp: 81966

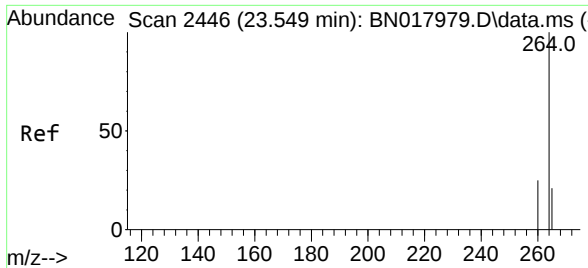
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

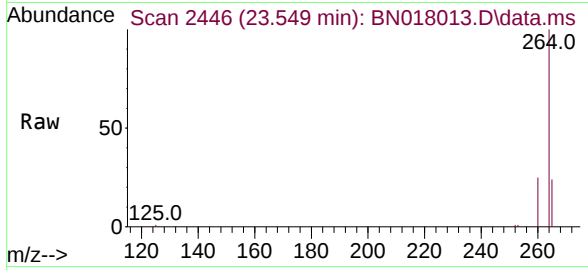
122 9.3 7.9 11.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.549 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN018013.D
 Acq: 14 Dec 2021 21:55

Instrument :
 BNA_N
 ClientSampleId :
 PB141193BL



Tgt Ion:264 Resp: 108918

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	24.4	18.2	27.2

