

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN018002.D
 Acq On : 14 Dec 2021 14:05
 Operator : CG/JU
 Sample : M4956-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20211204

Quant Time: Dec 15 02:19:50 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)

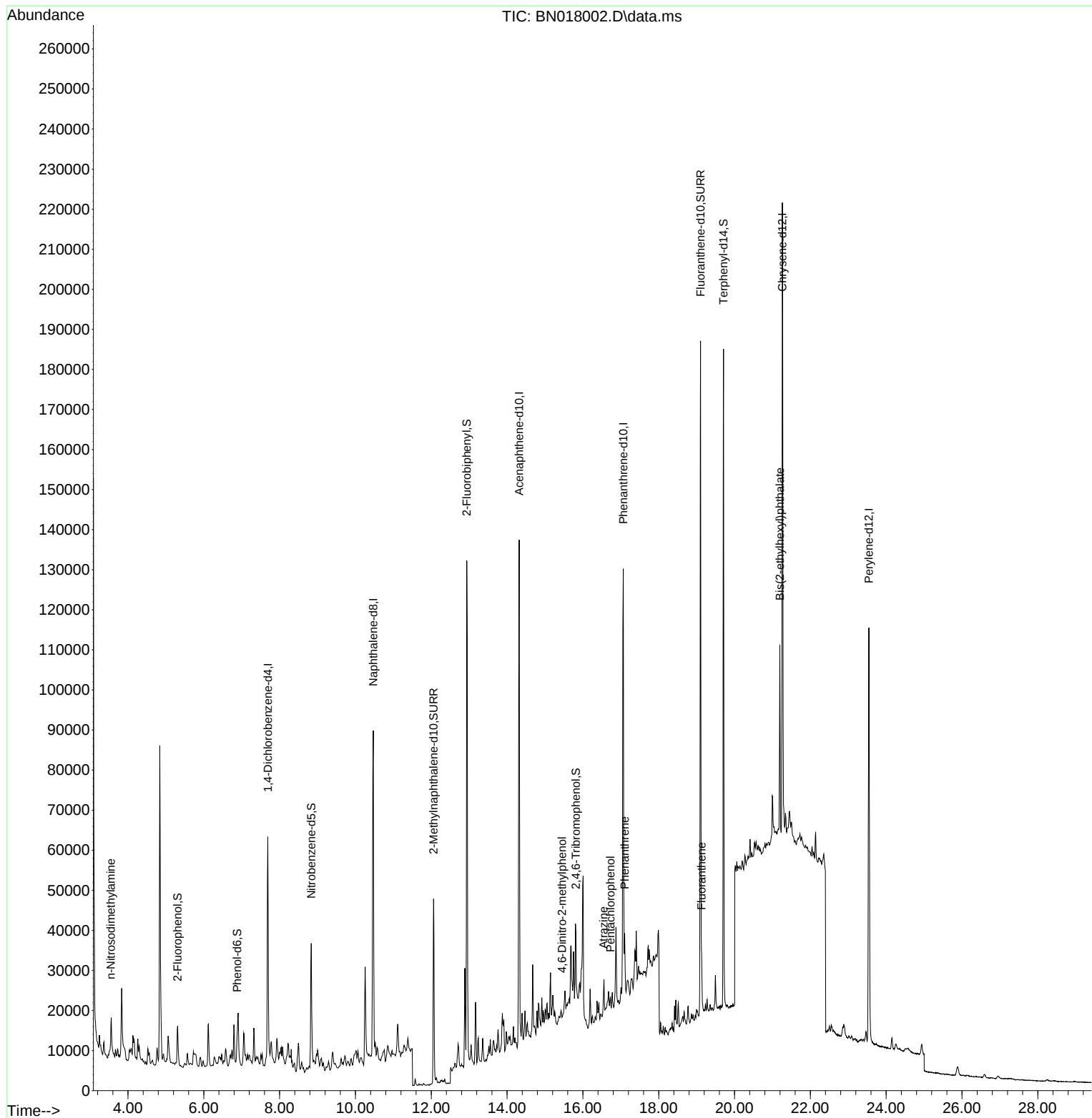
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	29147	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	121041	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	77262	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	161521	0.400	ng	0.00
29) Chrysene-d12	21.259	240	163342	0.400	ng	#-0.01
35) Perylene-d12	23.543	264	141972	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	10182	0.161	ng	0.02
5) Phenol-d6	6.877	99	6555	0.103	ng	0.00
8) Nitrobenzene-d5	8.835	82	29430	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.060	152	68081	0.339	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	19006	0.578	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	115867	0.430	ng	-0.01
27) Fluoranthene-d10	19.103	212	191593	0.355	ng	0.00
31) Terphenyl-d14	19.708	244	168423	0.495	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.548	42	2727	0.100	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.449	198	173	0.217	ng	# 1
23) Atrazine	16.543	200	928	0.092	ng	# 1
24) Pentachlorophenol	16.725	266	1860	0.302	ng	96
25) Phenanthrene	17.103	178	16385	0.040	ng	# 85
28) Fluoranthene	19.132	202	12117	0.024	ng	95
34) Bis(2-ethylhexyl)phtha...	21.195	149	40293	0.167	ng	# 98

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

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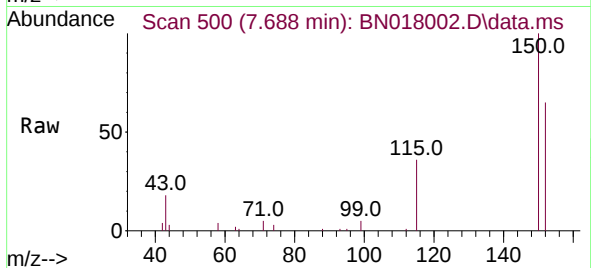
Quant Time: Dec 15 02:19:50 2021
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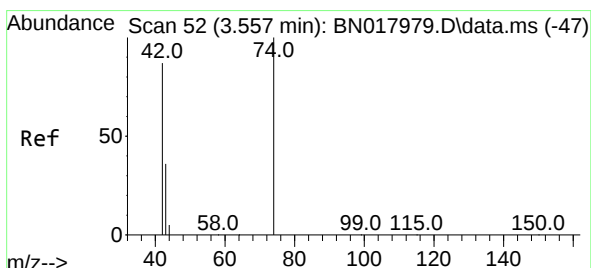
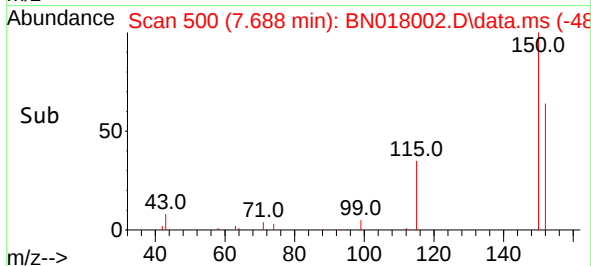
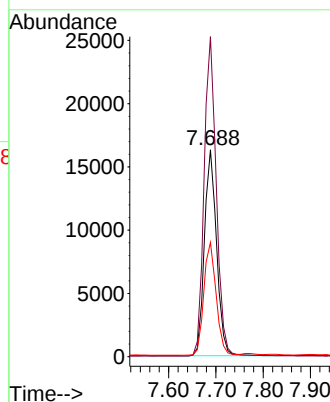


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204

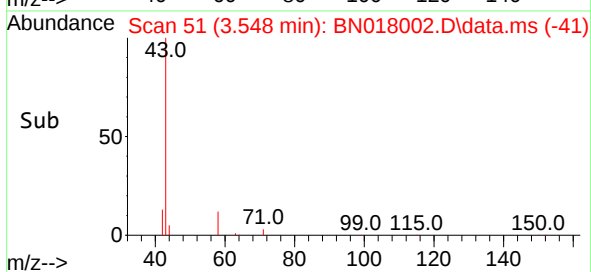
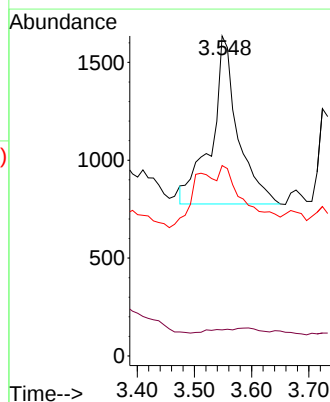
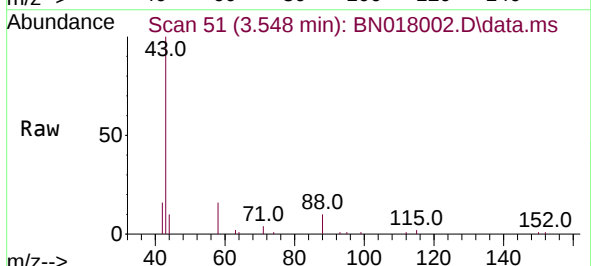


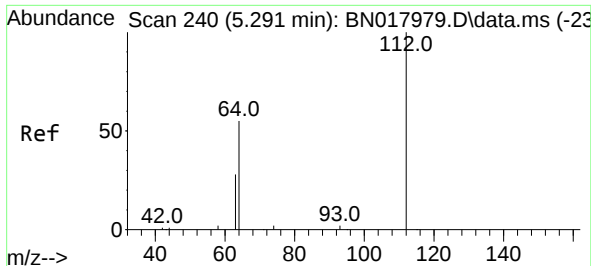
Tgt Ion:152 Resp: 29147
Ion Ratio Lower Upper
152 100
150 154.7 121.7 182.5
115 55.2 43.8 65.8



#3
n-Nitrosodimethylamine
Concen: 0.100 ng
RT: 3.548 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Tgt Ion: 42 Resp: 2727
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 0.0 5.8 8.8#

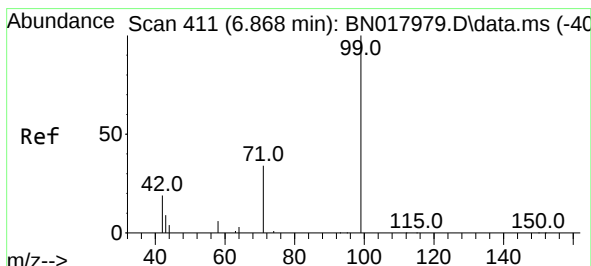
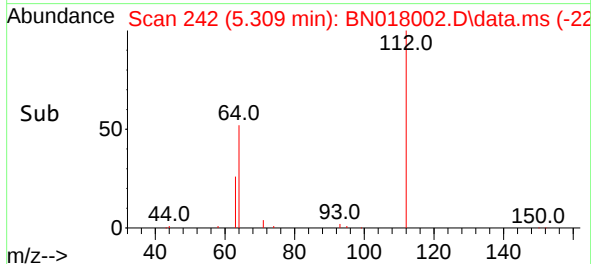
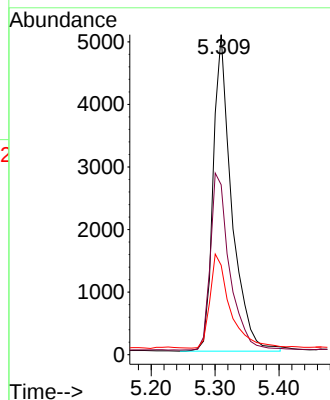
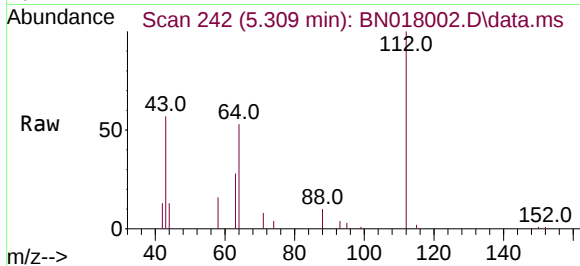




#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.309 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

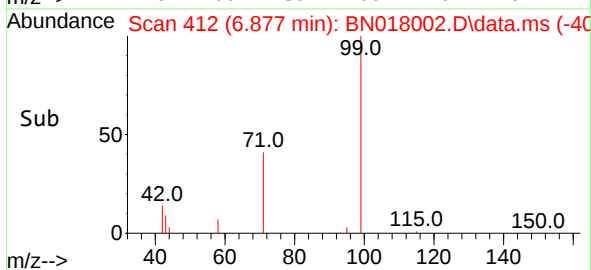
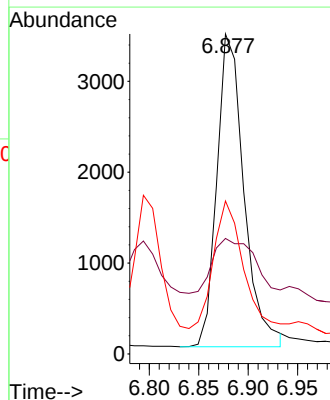
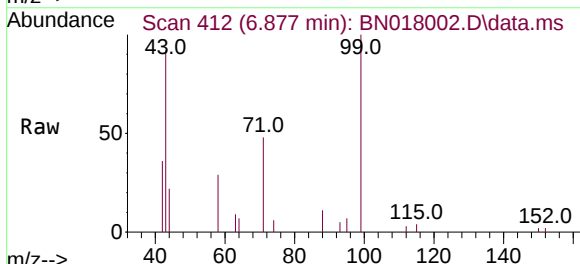
Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204

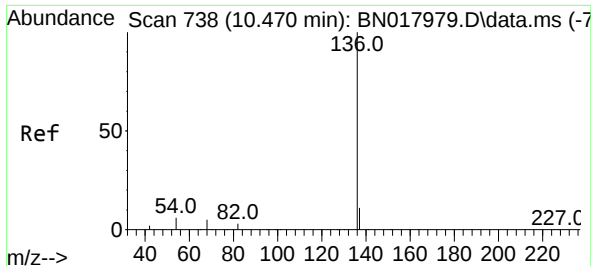
Tgt Ion:112 Resp: 10182
Ion Ratio Lower Upper
112 100
64 58.1 48.0 72.0
63 32.0 25.3 37.9



#5
Phenol-d6
Concen: 0.103 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Tgt Ion: 99 Resp: 6555
Ion Ratio Lower Upper
99 100
42 26.5 16.3 24.5#
71 44.0 26.8 40.2#

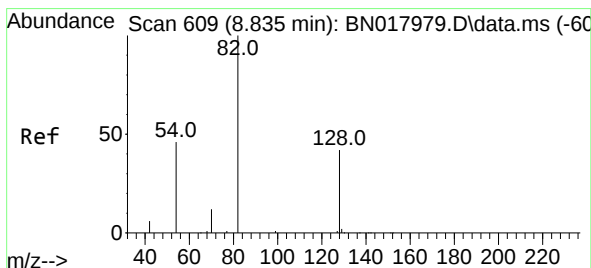
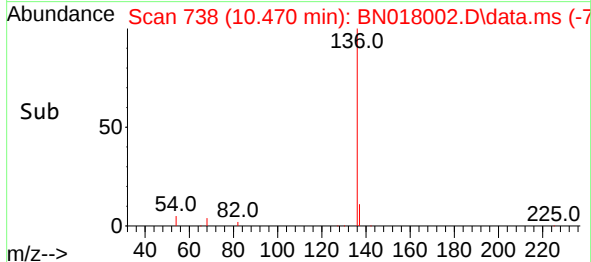
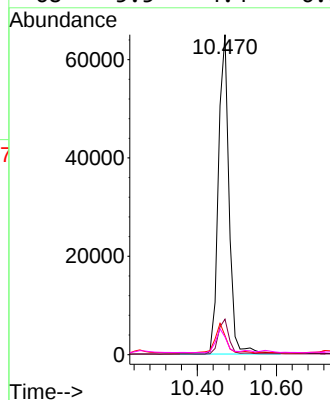
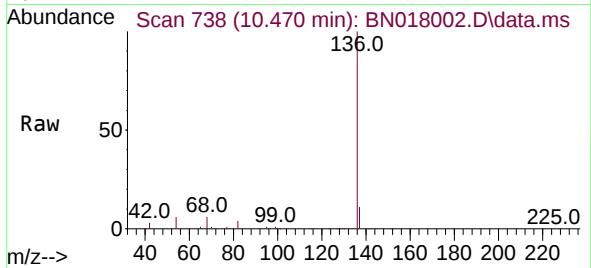




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

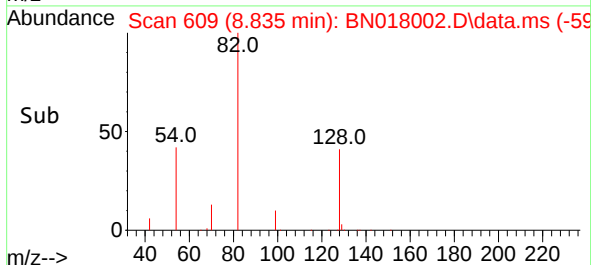
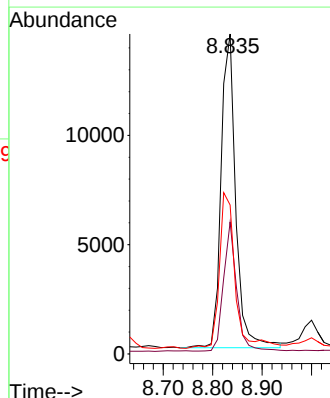
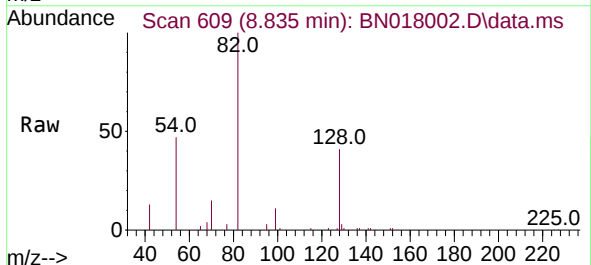
Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204

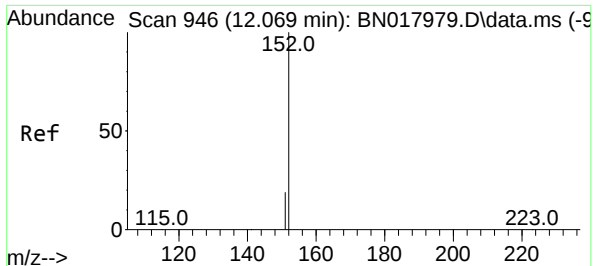
Tgt Ion:	136	Resp:	121041
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.0	5.0	7.6
68	5.5	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Tgt Ion:	82	Resp:	29430
Ion Ratio	Lower	Upper	
82	100		
128	41.3	33.7	50.5
54	46.6	36.6	55.0

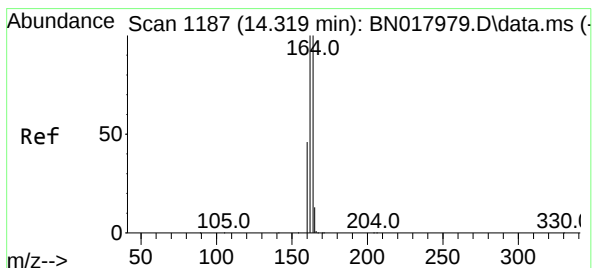
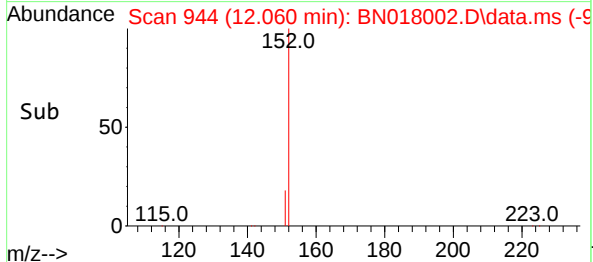
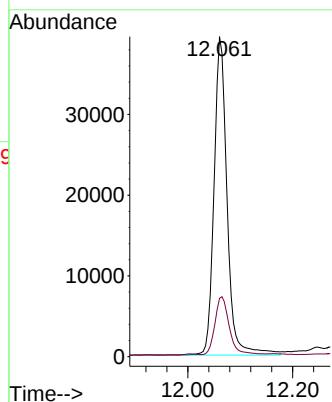
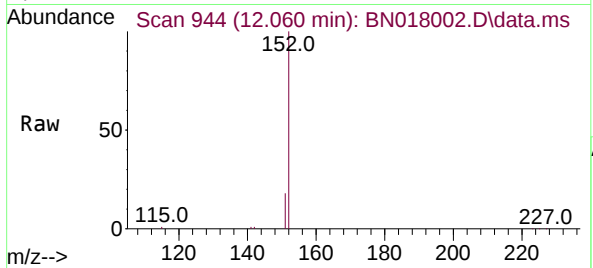




#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.060 min Scan# 946
Delta R.T. -0.009 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

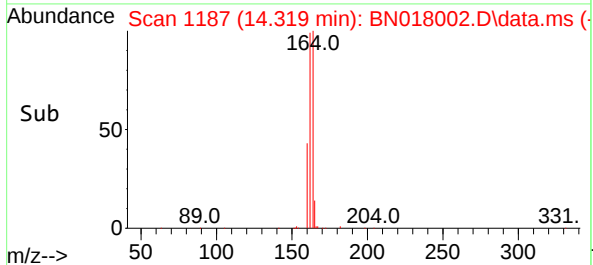
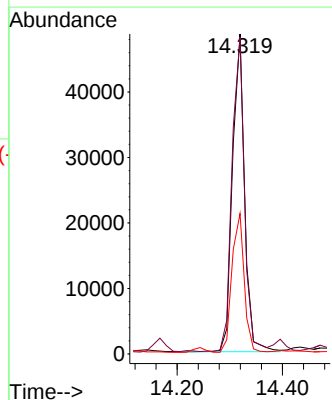
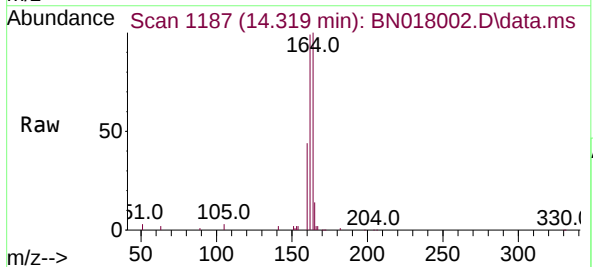
Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204

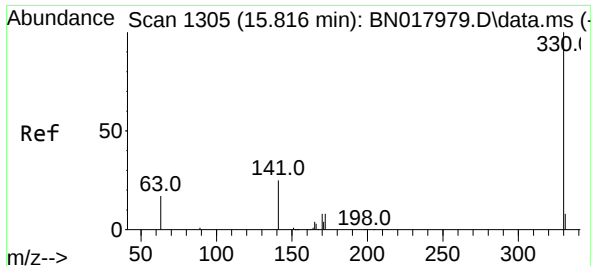
Tgt Ion:152 Resp: 68081
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.319 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Tgt Ion:164 Resp: 77262
Ion Ratio Lower Upper
164 100
162 99.1 80.2 120.2
160 43.9 36.9 55.3

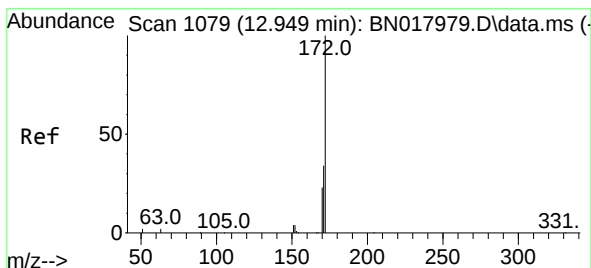
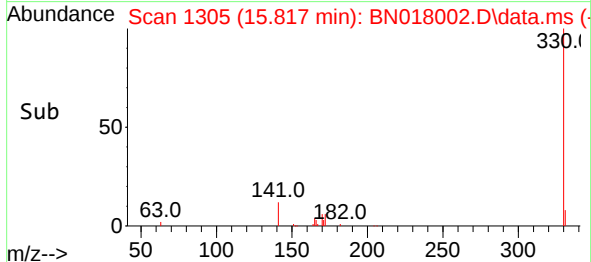
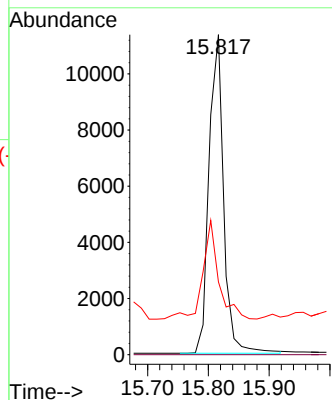
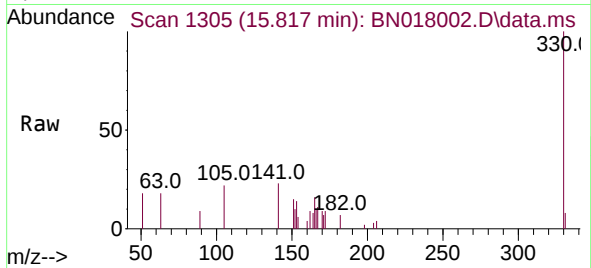




#14
2,4,6-Tribromophenol
Concen: 0.578 ng
RT: 15.817 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

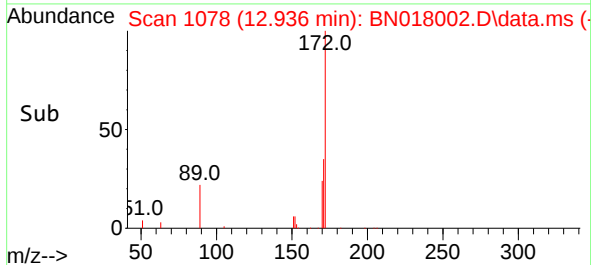
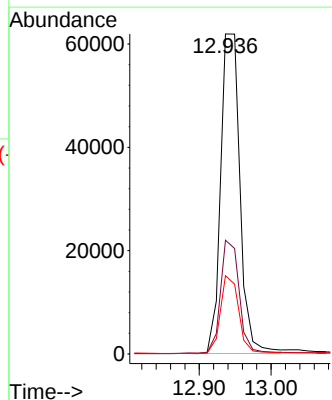
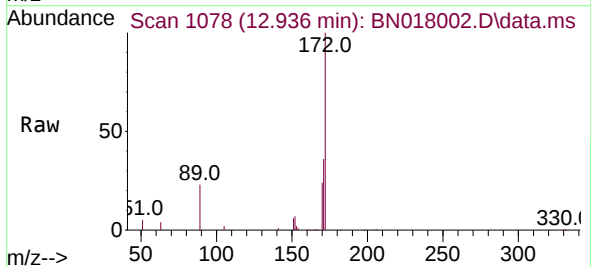
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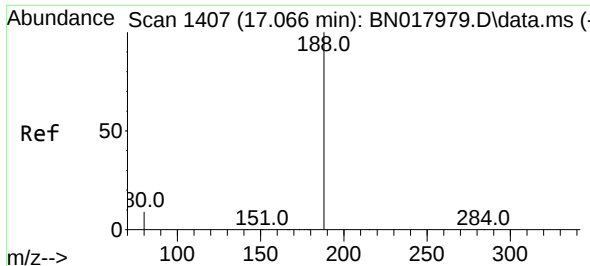
Tgt Ion: 330 Resp: 19006
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.7 21.3 31.9#



#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.936 min Scan# 1078
Delta R.T. -0.013 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Tgt Ion: 172 Resp: 115867
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 24.4 18.4 27.6

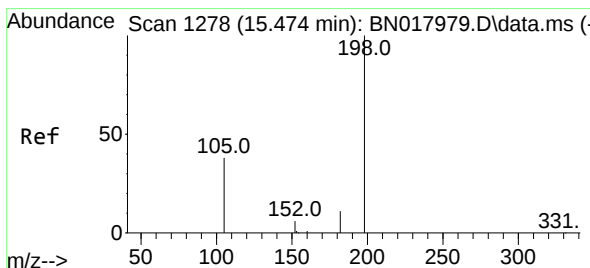
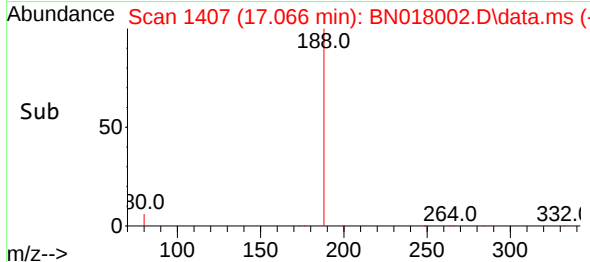
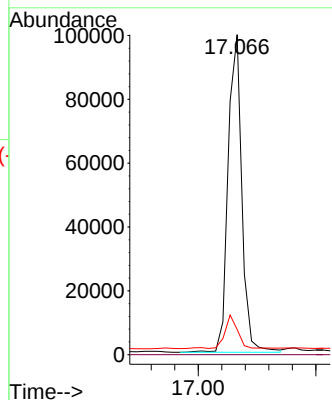
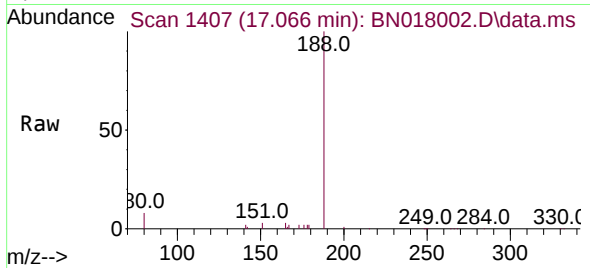




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

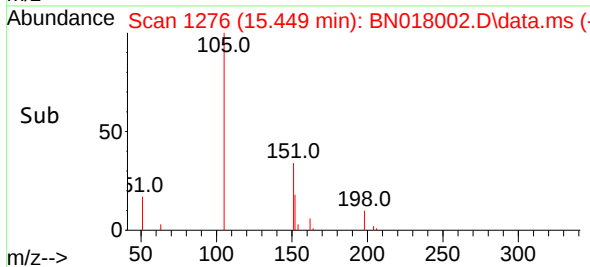
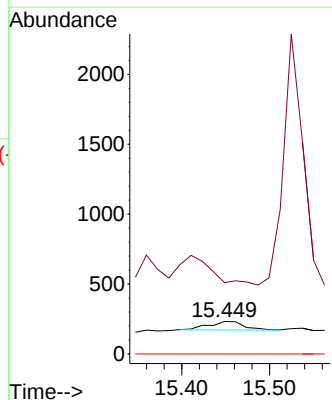
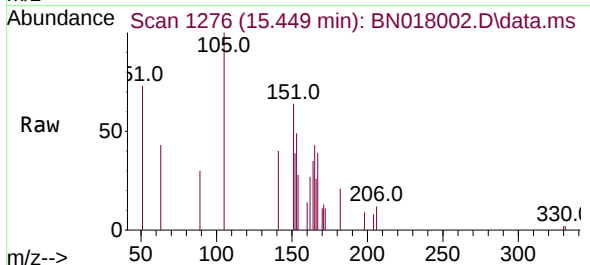
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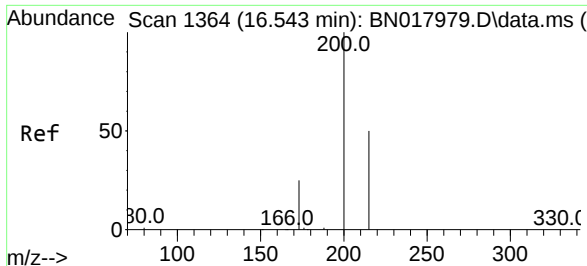
Tgt Ion:188 Resp: 161521
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.217 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.025 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Tgt Ion:198 Resp: 173
Ion Ratio Lower Upper
198 100
182 219.8 15.5 23.3#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.092 ng

RT: 16.543 min Scan# 1364

Delta R.T. -0.000 min

Lab File: BN018002.D

Acq: 14 Dec 2021 14:05

Instrument :

BNA_N

ClientSampleId :

MW202D1-20211204

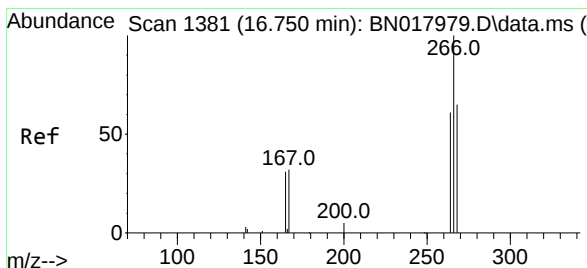
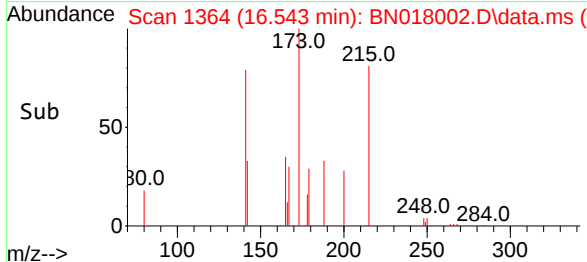
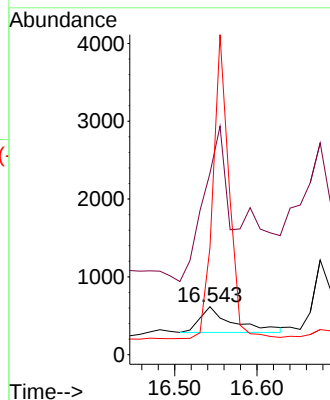
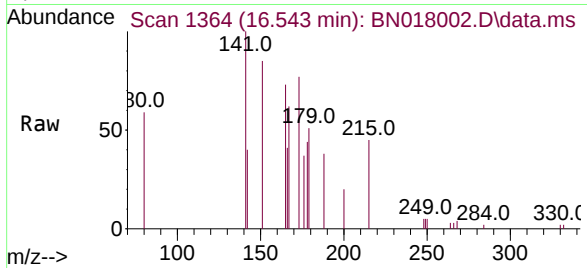
Tgt Ion:200 Resp: 928

Ion Ratio Lower Upper

200 100

173 377.8 20.3 30.5#

215 223.2 40.4 60.6#



#24

Pentachlorophenol

Concen: 0.302 ng

RT: 16.725 min Scan# 1379

Delta R.T. -0.025 min

Lab File: BN018002.D

Acq: 14 Dec 2021 14:05

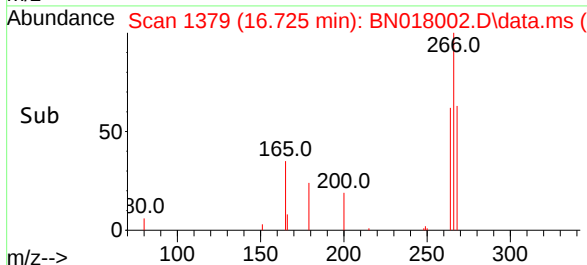
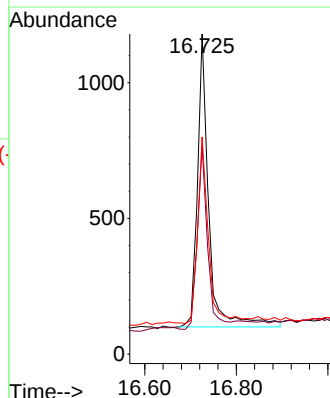
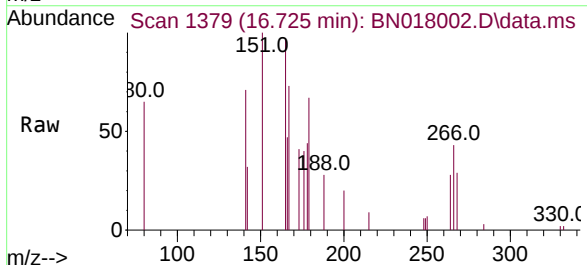
Tgt Ion:266 Resp: 1860

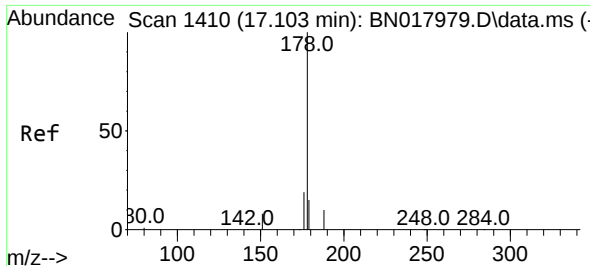
Ion Ratio Lower Upper

266 100

264 57.4 49.5 74.3

268 61.5 50.6 76.0

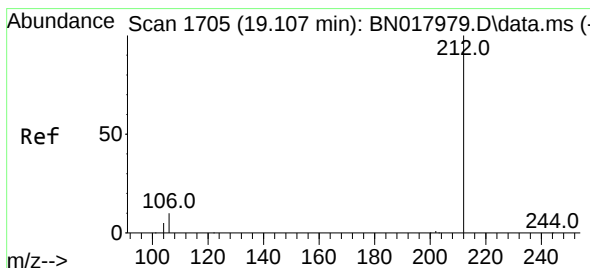
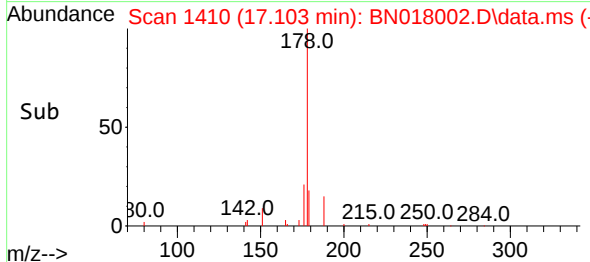
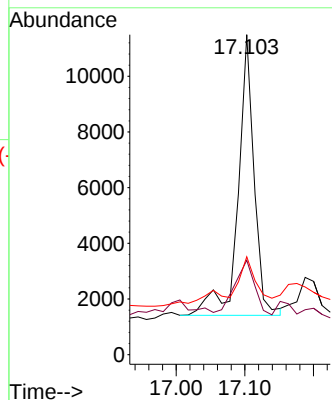
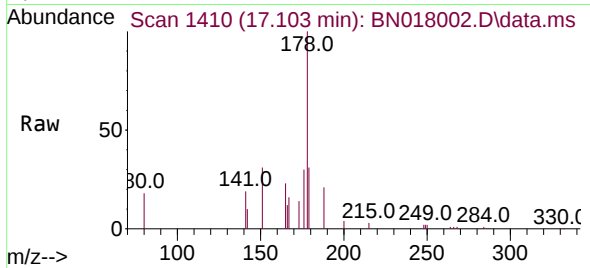




#25
Phenanthrene
Concen: 0.040 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

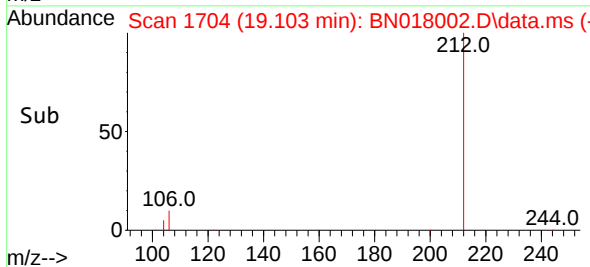
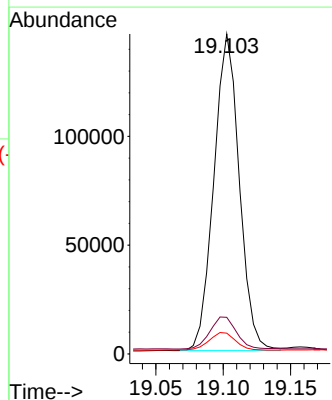
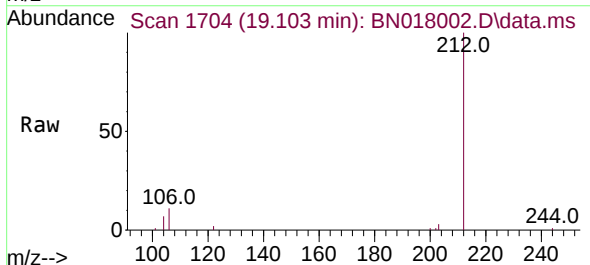
Instrument :
BNA_N
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MW202D1-20211204

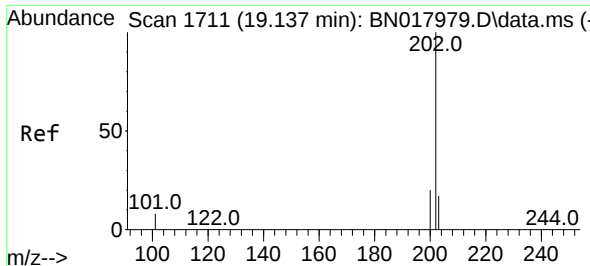
Tgt Ion:178 Resp: 16385
Ion Ratio Lower Upper
178 100
176 29.5 15.3 22.9#
179 13.5 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Tgt Ion:212 Resp: 191593
Ion Ratio Lower Upper
212 100
106 10.5 8.4 12.6
104 5.8 4.5 6.7

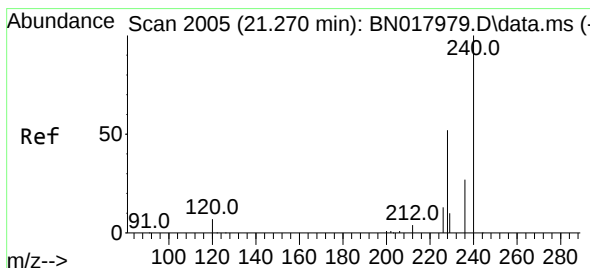
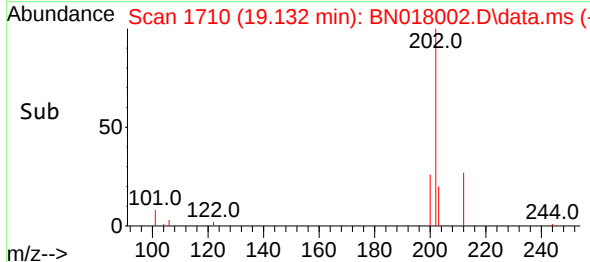
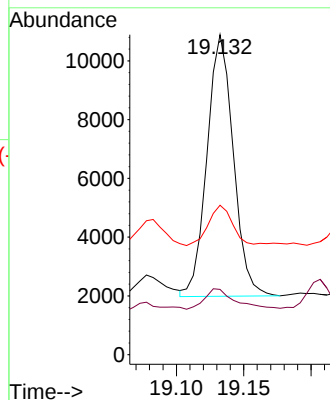
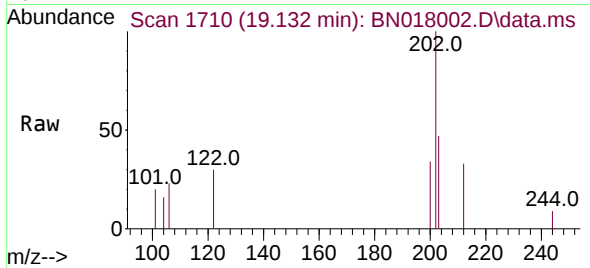




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.132 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

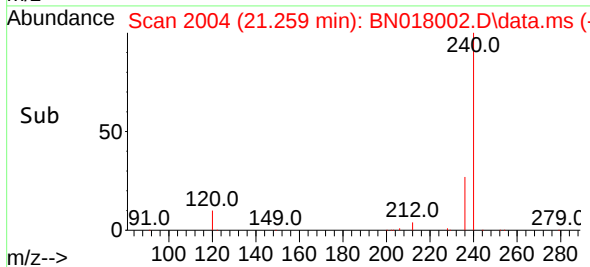
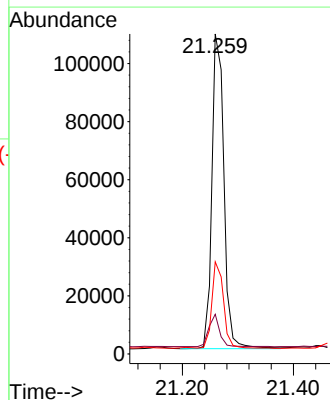
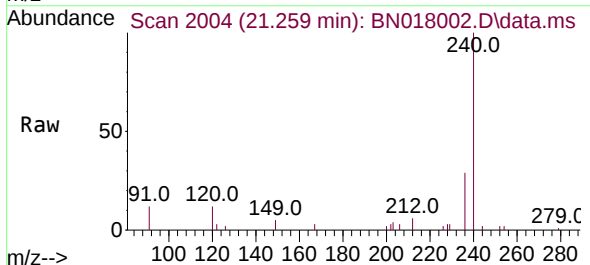
Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204

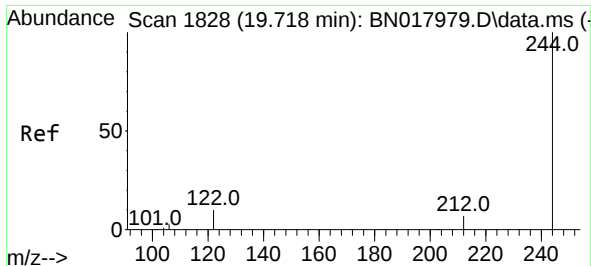
Tgt Ion:202 Resp: 12117
Ion Ratio Lower Upper
202 100
101 10.0 7.2 10.8
203 14.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.010 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Tgt Ion:240 Resp: 163342
Ion Ratio Lower Upper
240 100
120 12.4 6.0 9.0#
236 28.8 21.4 32.2

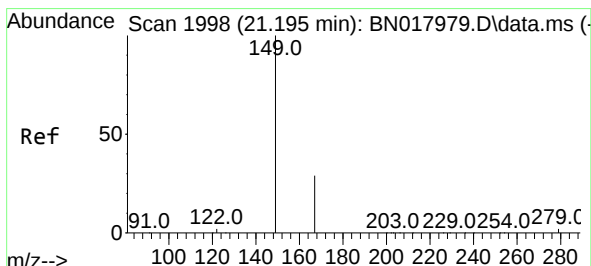
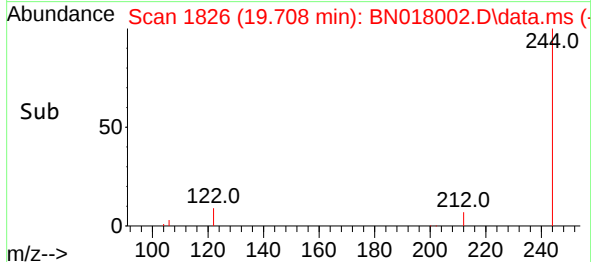
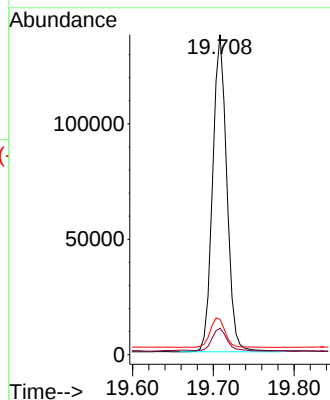
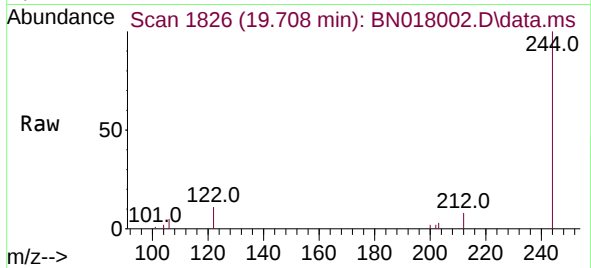




#31
 Terphenyl-d14
 Concen: 0.495 ng
 RT: 19.708 min Scan# 1826
 Delta R.T. -0.010 min
 Lab File: BN018002.D
 Acq: 14 Dec 2021 14:05

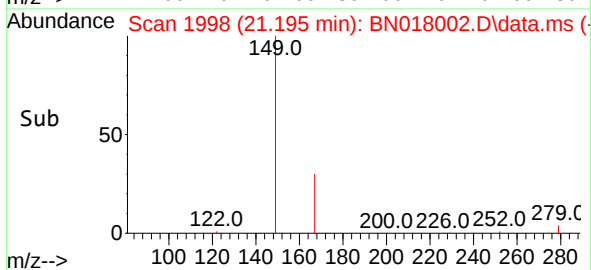
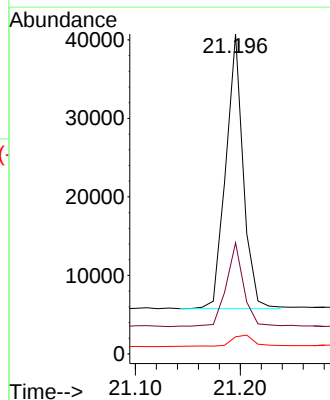
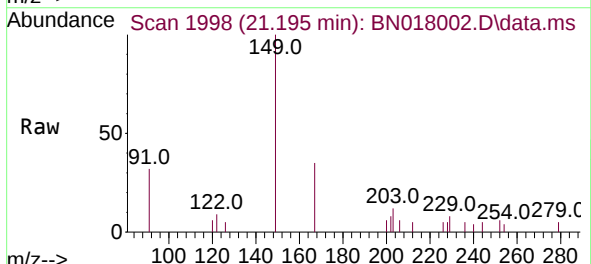
Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20211204

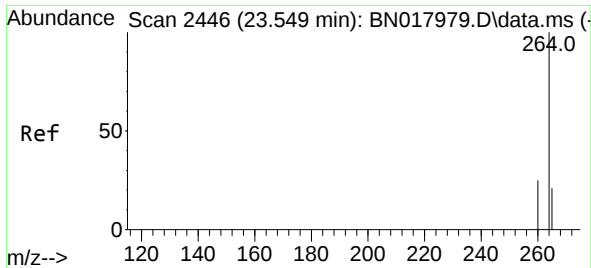
Tgt Ion:244 Resp: 168423
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 11.0 7.9 11.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.167 ng
 RT: 21.195 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN018002.D
 Acq: 14 Dec 2021 14:05

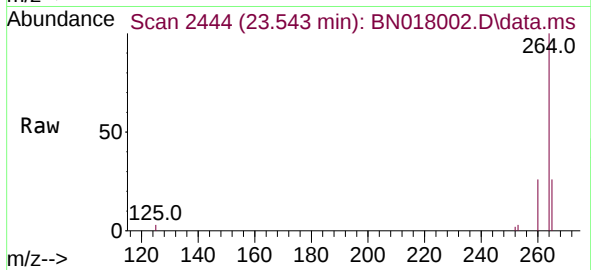
Tgt Ion:149 Resp: 40293
 Ion Ratio Lower Upper
 149 100
 167 30.7 23.7 35.5
 279 5.9 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.543 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN018002.D
Acq: 14 Dec 2021 14:05

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204



Tgt Ion:264 Resp: 141972
Ion Ratio Lower Upper
264 100
260 26.2 20.2 30.4
265 26.0 18.2 27.2

