

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN018015.D
 Acq On : 14 Dec 2021 23:07
 Operator : CG/JU
 Sample : M4956-01DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20211202DL

Quant Time: Dec 15 02:21:27 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)

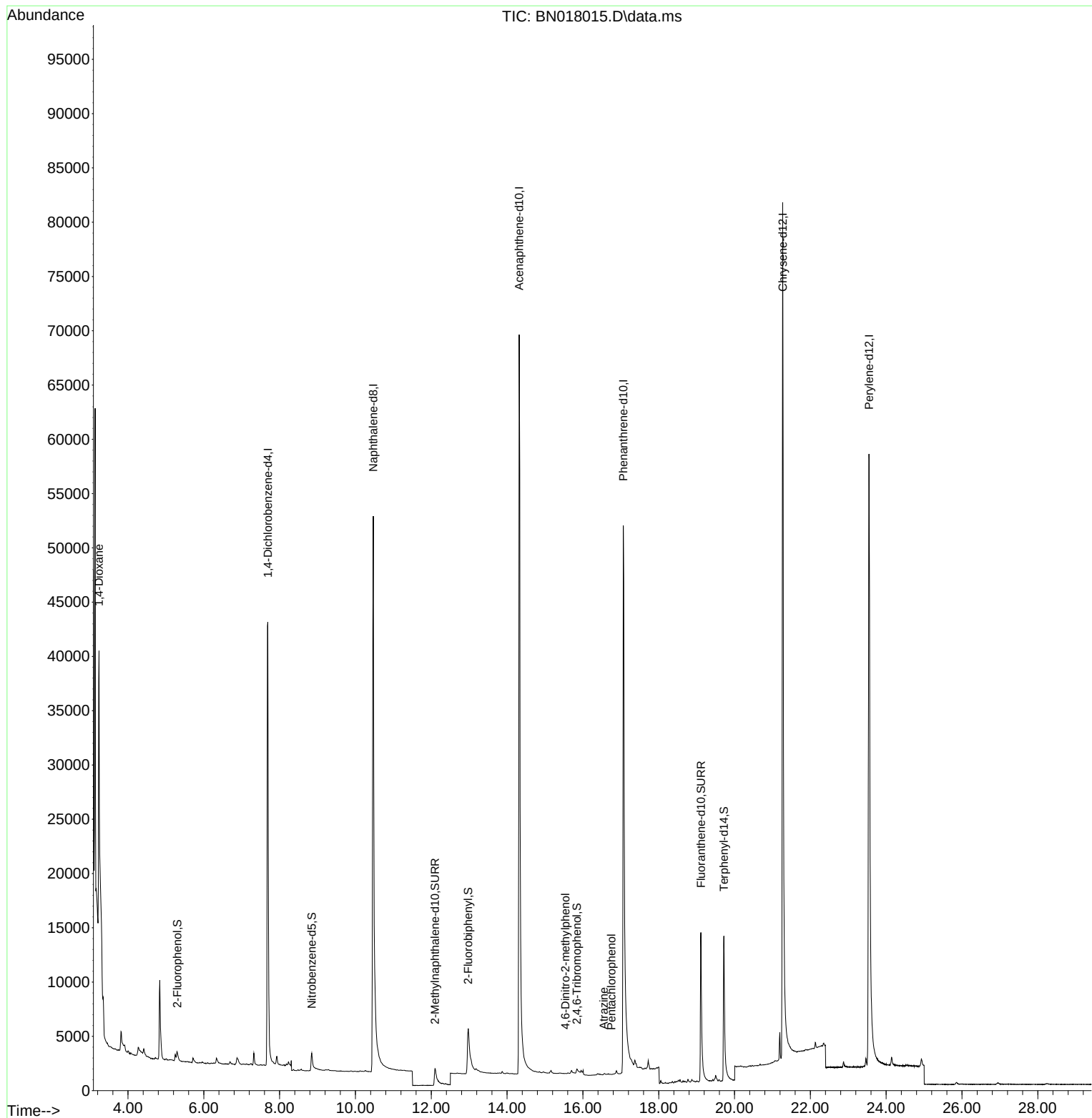
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	28144	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	102734	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	61987	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	124212	0.400	ng	0.00
29) Chrysene-d12	21.270	240	124524	0.400	ng	0.00
35) Perylene-d12	23.546	264	113270	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1256	0.021	ng	0.00
5) Phenol-d6	6.877	99	630	0.010	ng	0.00
8) Nitrobenzene-d5	8.848	82	2666	0.037	ng	0.01
11) 2-Methylnaphthalene-d10	12.096	152	6068	0.036	ng	0.03
14) 2,4,6-Tribromophenol	15.842	330	708	0.207	ng	0.03
15) 2-Fluorobiphenyl	12.974	172	7538	0.035	ng	0.03
27) Fluoranthene-d10	19.112	212	27950	0.067	ng	0.00
31) Terphenyl-d14	19.718	244	26258	0.101	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.235	88	21396	1.220	ng	# 56
20) 4,6-Dinitro-2-methylph...	15.537	198	10	0.208	ng	# 1
23) Atrazine	16.555	200	22	0.081	ng	# 1
24) Pentachlorophenol	16.750	266	18	0.244	ng	# 48

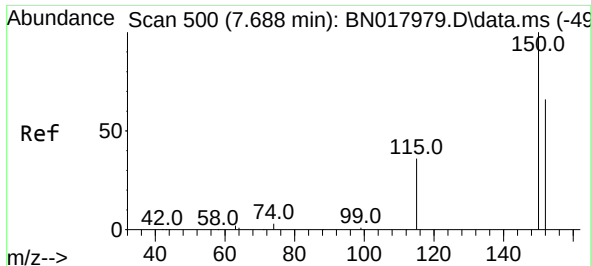
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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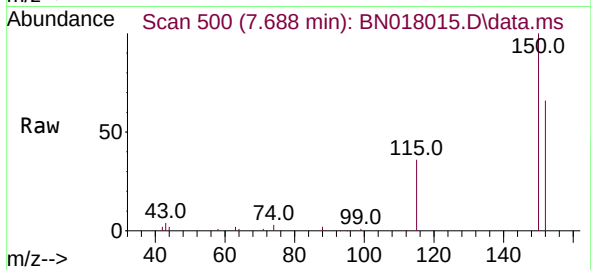
Quant Time: Dec 15 02:21:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
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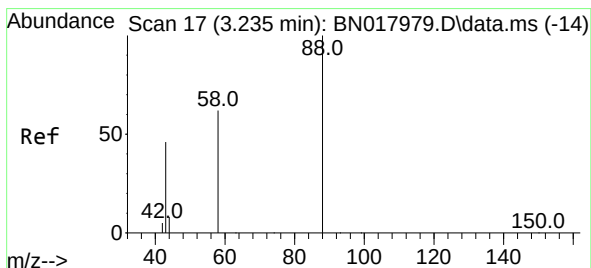
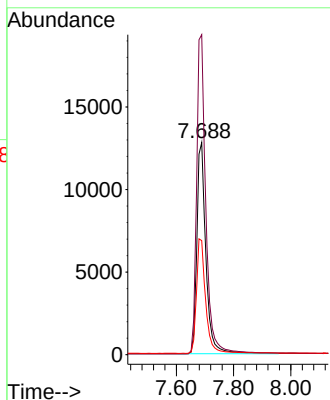
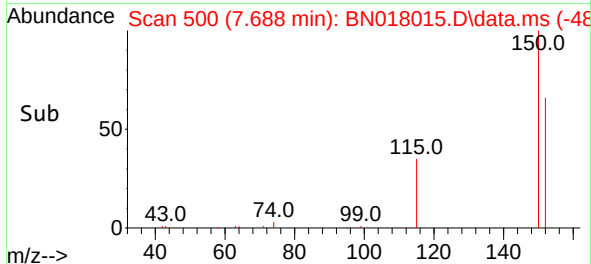


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN018015.D
 Acq: 14 Dec 2021 23:07

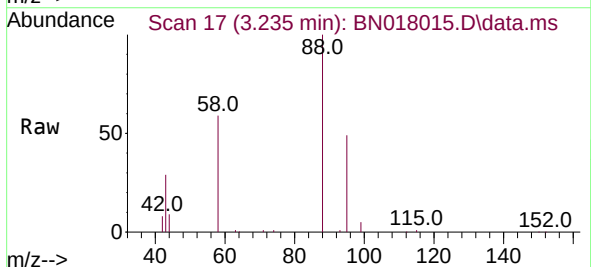
Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20211202DL



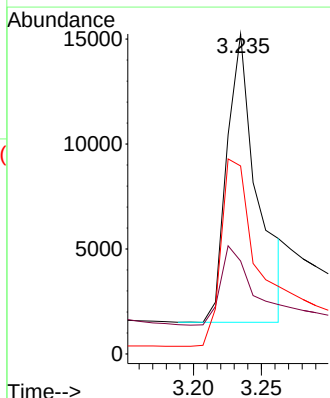
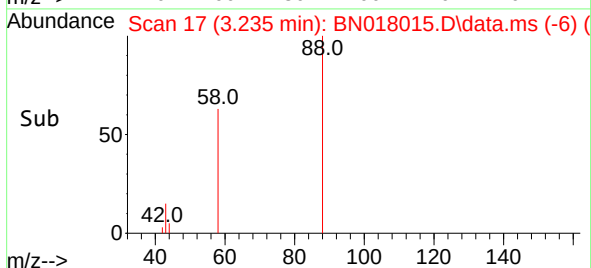
Tgt Ion:152 Resp: 28144
 Ion Ratio Lower Upper
 152 100
 150 150.8 121.7 182.5
 115 53.8 43.8 65.8

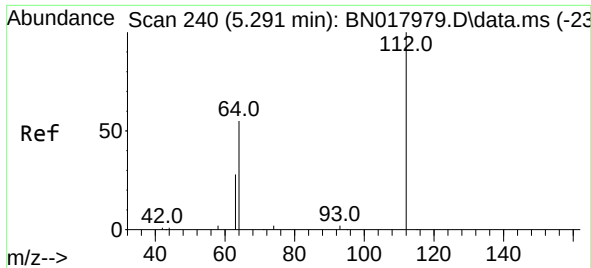


#2
 1,4-Dioxane
 Concen: 1.220 ng
 RT: 3.235 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN018015.D
 Acq: 14 Dec 2021 23:07



Tgt Ion: 88 Resp: 21396
 Ion Ratio Lower Upper
 88 100
 43 29.1 69.7 104.5#
 58 75.9 83.8 125.8#

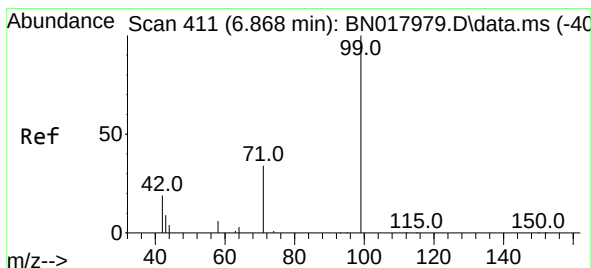
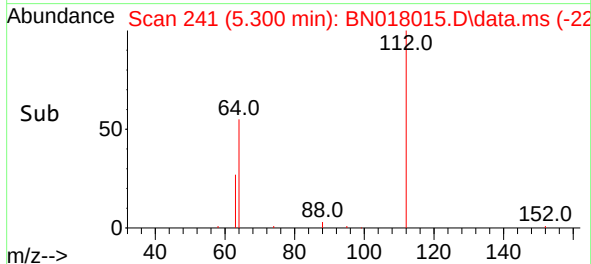
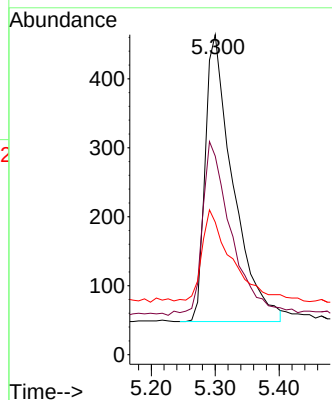
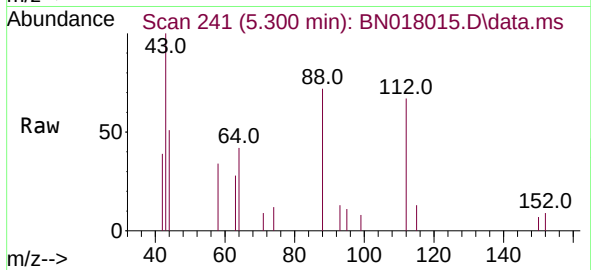




#4
2-Fluorophenol
Concen: 0.021 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.009 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

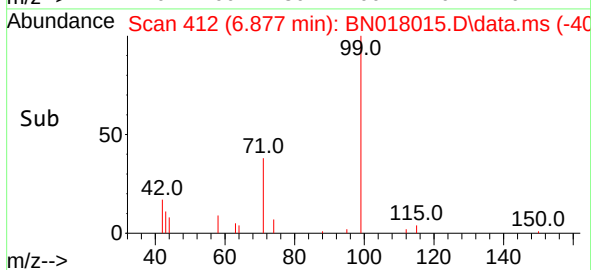
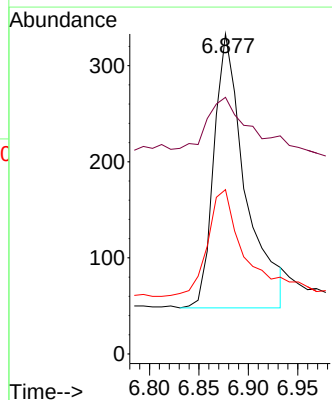
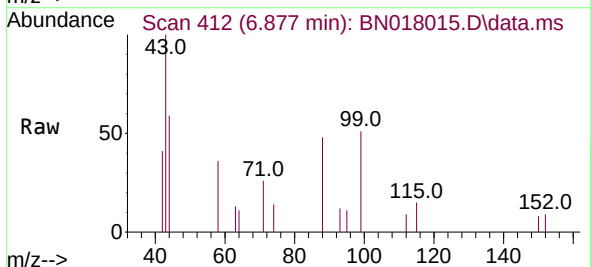
Instrument :
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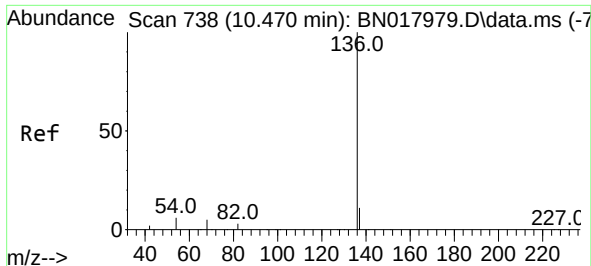
Tgt Ion:112 Resp: 1256
Ion Ratio Lower Upper
112 100
64 62.4 48.0 72.0
63 32.7 25.3 37.9



#5
Phenol-d6
Concen: 0.010 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

Tgt Ion: 99 Resp: 630
Ion Ratio Lower Upper
99 100
42 22.2 16.3 24.5
71 42.4 26.8 40.2#

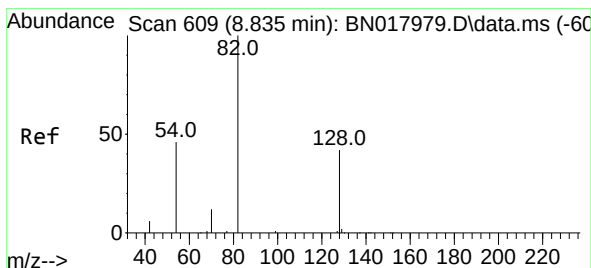
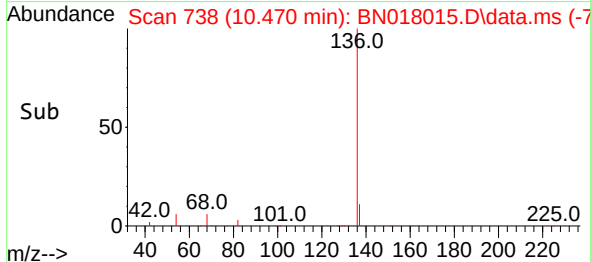
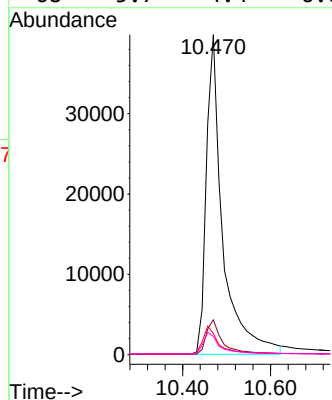
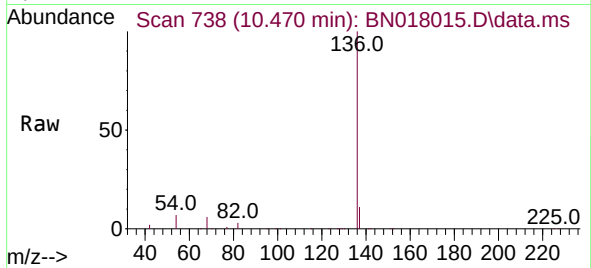




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

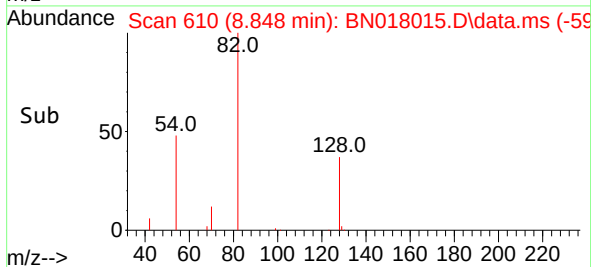
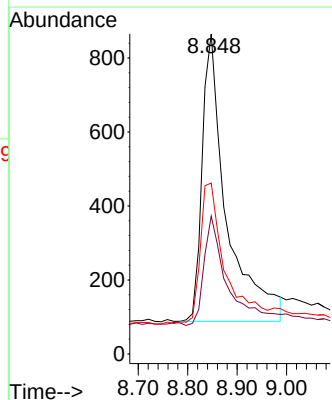
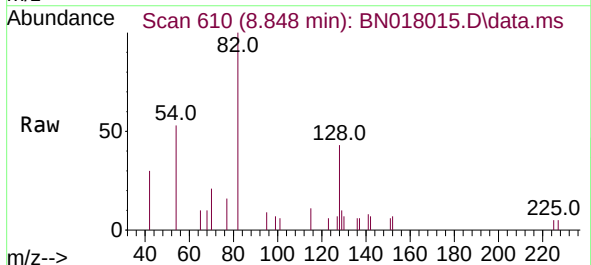
Instrument :
BNA_N
ClientSampleId :
RE134D2-20211202DL

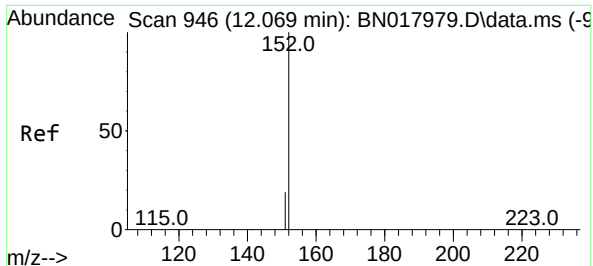
Tgt Ion:136 Resp: 102734
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 5.0 7.6
68 5.7 4.4 6.6



#8
Nitrobenzene-d5
Concen: 0.037 ng
RT: 8.848 min Scan# 610
Delta R.T. 0.013 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

Tgt Ion: 82 Resp: 2666
Ion Ratio Lower Upper
82 100
128 43.1 33.7 50.5
54 53.4 36.6 55.0





#11

2-Methylnaphthalene-d10

Concen: 0.036 ng

RT: 12.096 min Scan# 946

Delta R.T. 0.027 min

Lab File: BN018015.D

Acq: 14 Dec 2021 23:07

Instrument :

BNA_N

ClientSampleId :

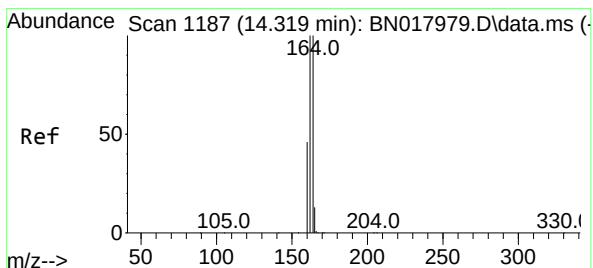
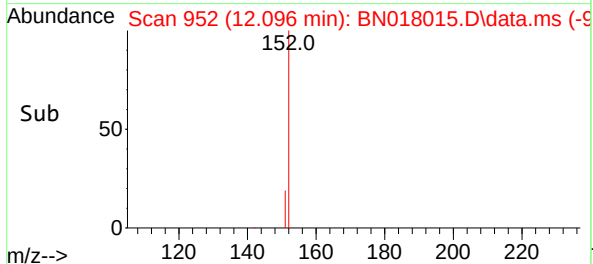
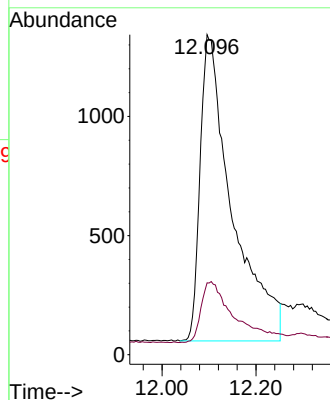
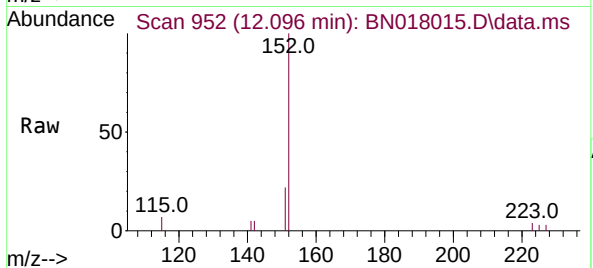
RE134D2-20211202DL

Tgt Ion:152 Resp: 6068

Ion Ratio Lower Upper

152 100

151 20.8 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: BN018015.D

Acq: 14 Dec 2021 23:07

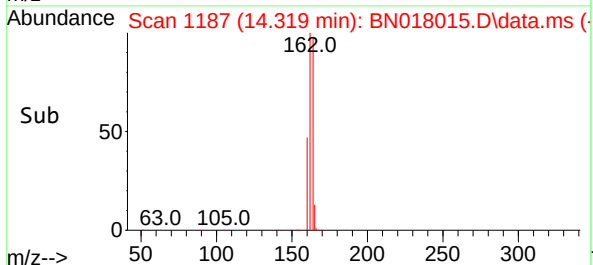
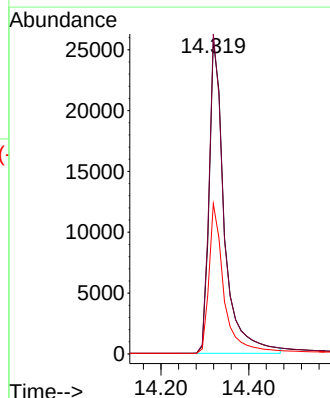
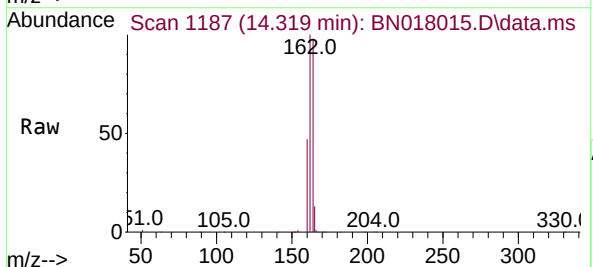
Tgt Ion:164 Resp: 61987

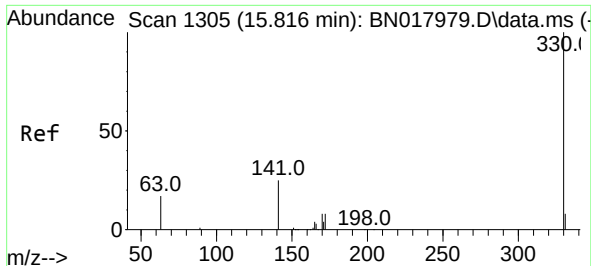
Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.2

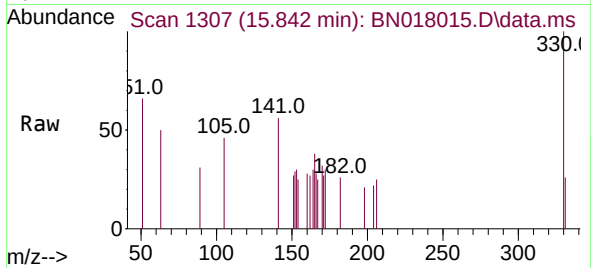
160 47.9 36.9 55.3



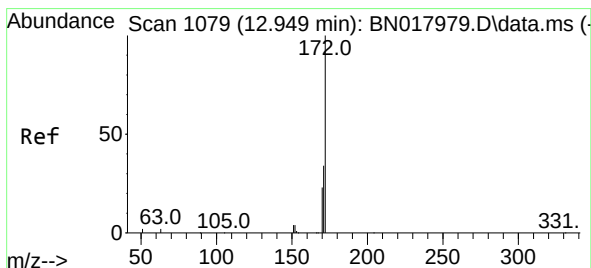
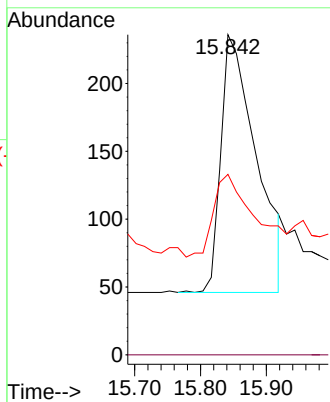
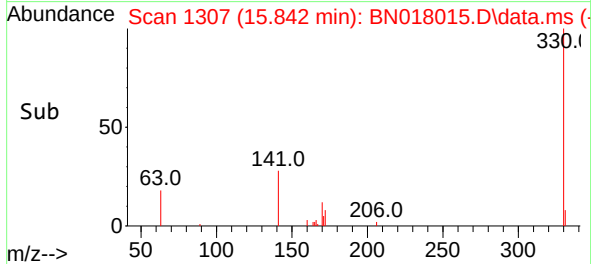


#14
2,4,6-Tribromophenol
Concen: 0.207 ng
RT: 15.842 min Scan# 11
Delta R.T. 0.026 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

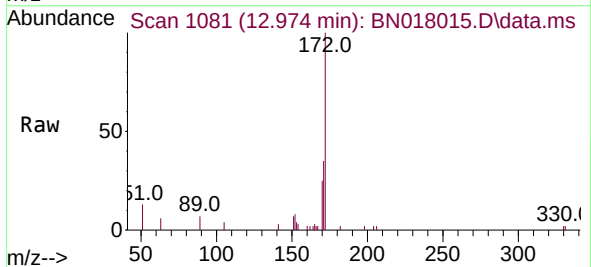
Instrument :
BNA_N
ClientSampleId :
RE134D2-20211202DL



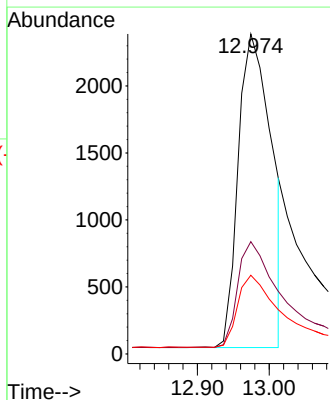
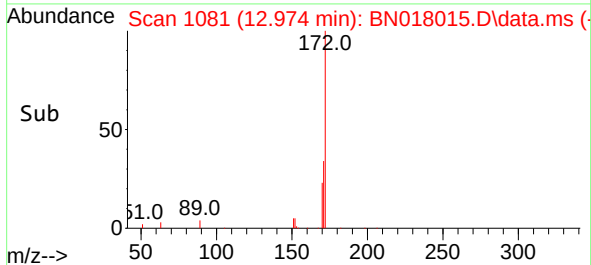
Tgt Ion:330 Resp: 708
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.8 21.3 31.9#

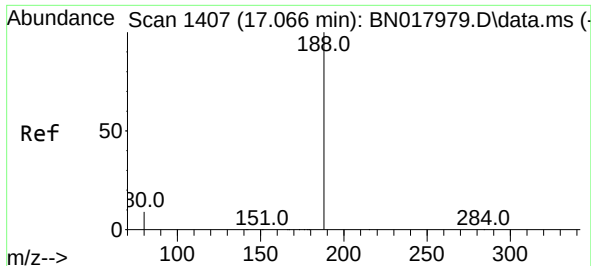


#15
2-Fluorobiphenyl
Concen: 0.035 ng
RT: 12.974 min Scan# 1081
Delta R.T. 0.025 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07



Tgt Ion:172 Resp: 7538
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 24.6 18.4 27.6

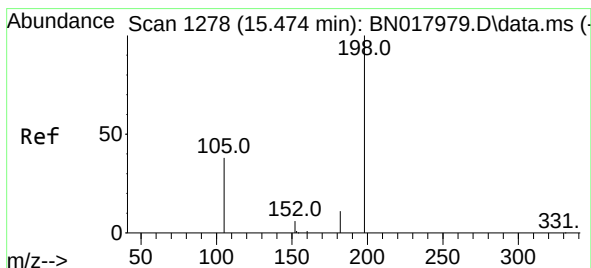
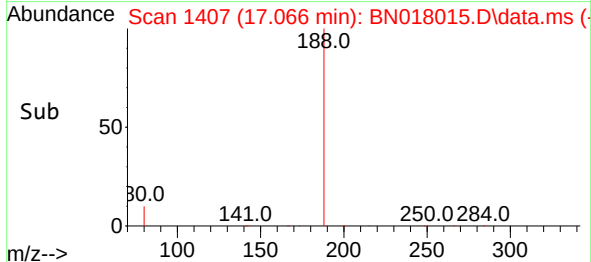
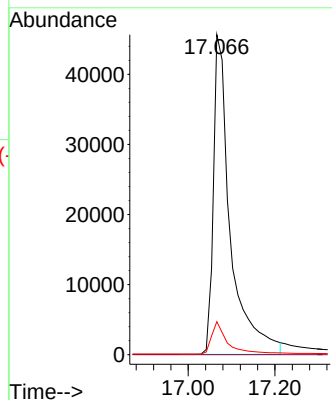
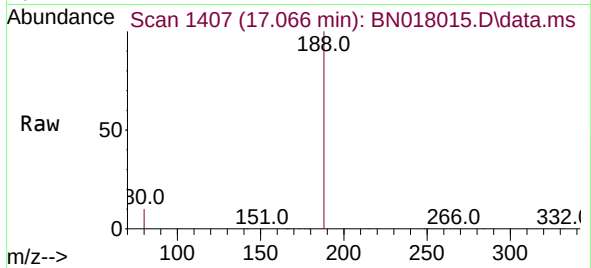




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

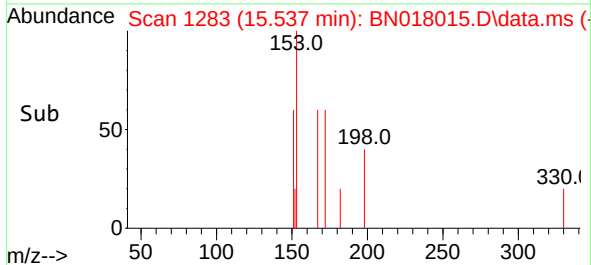
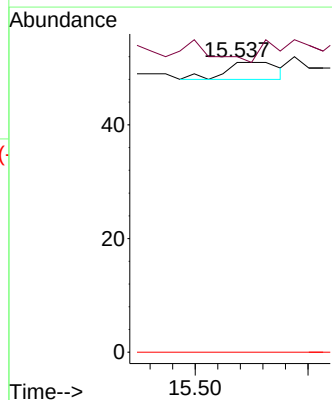
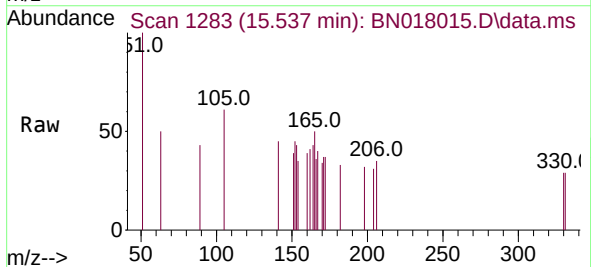
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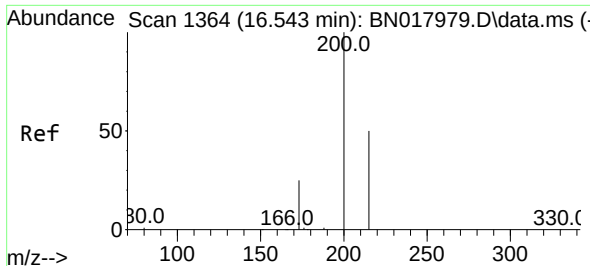
Tgt Ion:188 Resp: 124212
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.537 min Scan# 1283
Delta R.T. 0.063 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
182 102.0 15.5 23.3#
77 0.0 0.0 0.0

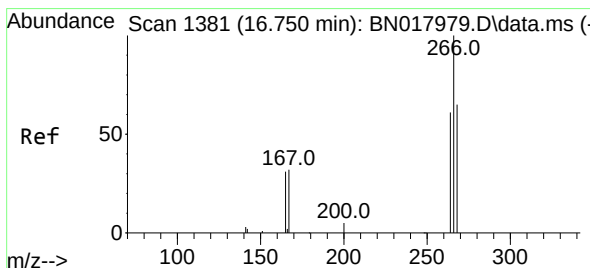
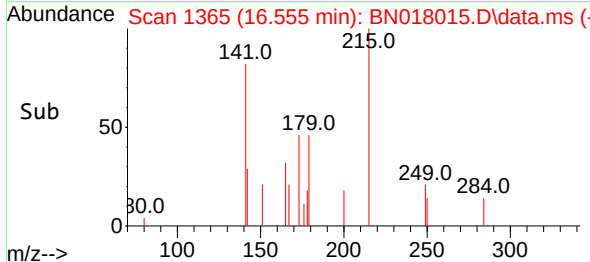
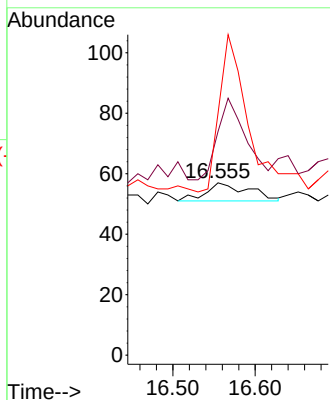
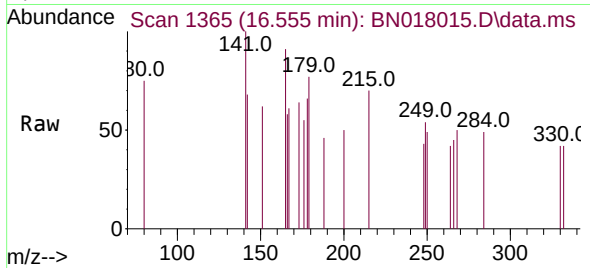




#23
Atrazine
Concen: 0.081 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

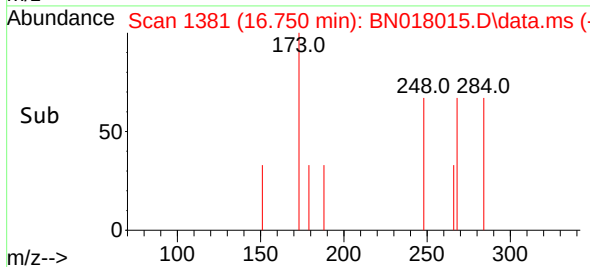
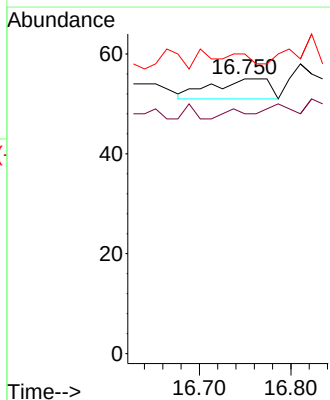
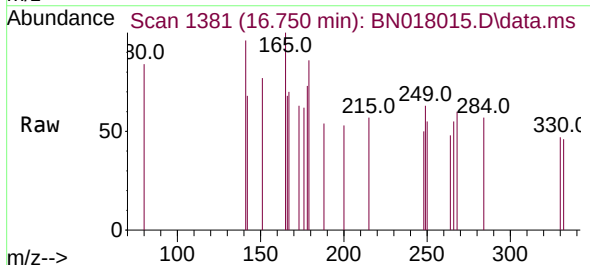
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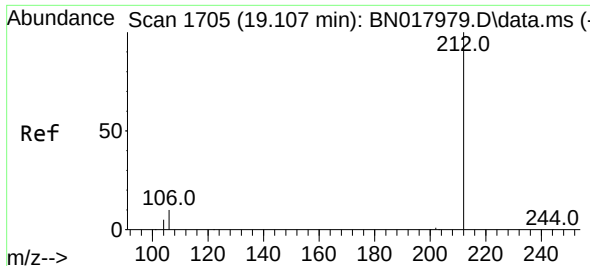
Tgt Ion:200 Resp: 22
Ion Ratio Lower Upper
200 100
173 129.8 20.3 30.5#
215 140.4 40.4 60.6#



#24
Pentachlorophenol
Concen: 0.244 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
264 16.7 49.5 74.3#
268 27.8 50.6 76.0#

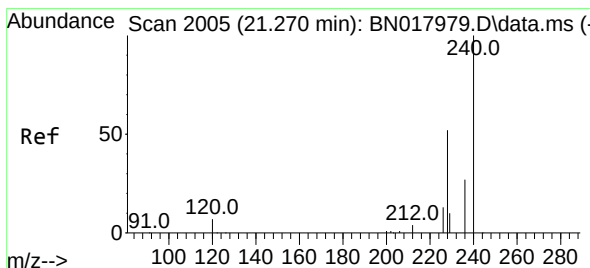
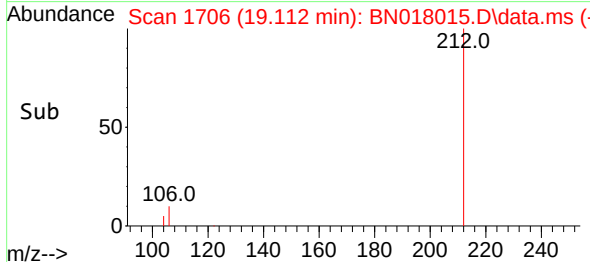
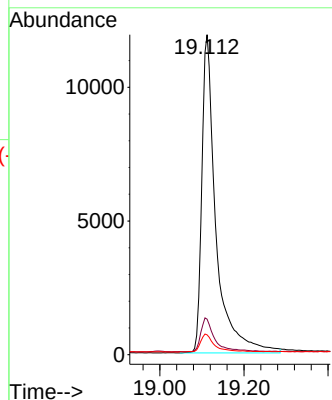
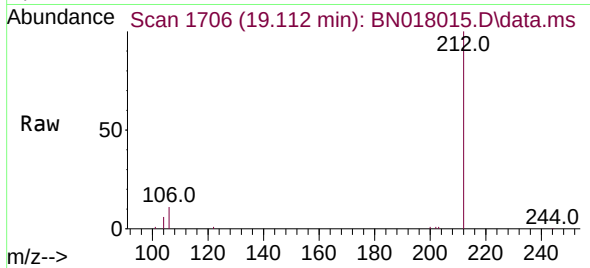




#27
Fluoranthene-d10
Concen: 0.067 ng
RT: 19.112 min Scan# 1706
Delta R.T. 0.005 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

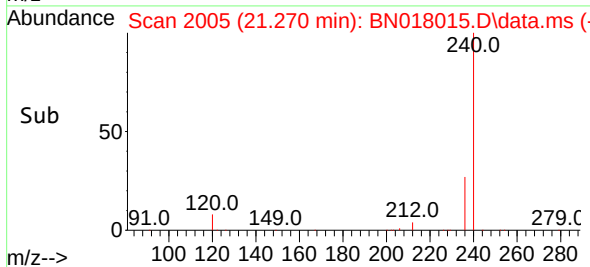
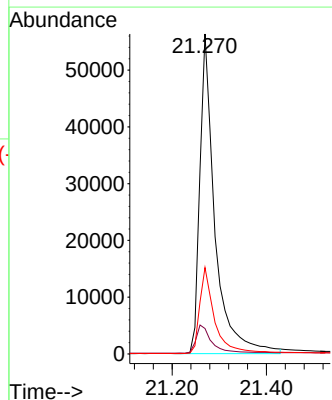
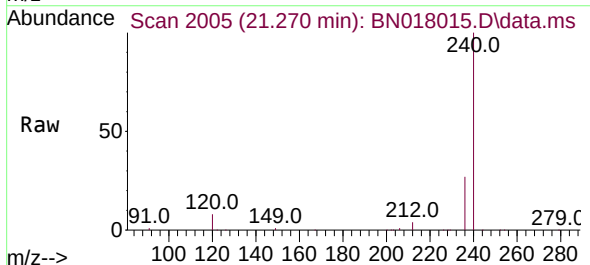
Instrument :
BNA_N
ClientSampleId :
RE134D2-20211202DL

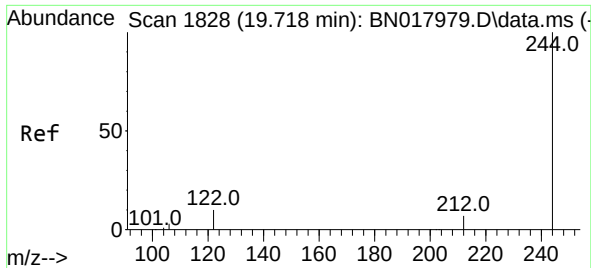
Tgt Ion:212 Resp: 27950
Ion Ratio Lower Upper
212 100
106 10.2 8.4 12.6
104 5.5 4.5 6.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

Tgt Ion:240 Resp: 124524
Ion Ratio Lower Upper
240 100
120 7.9 6.0 9.0
236 27.0 21.4 32.2

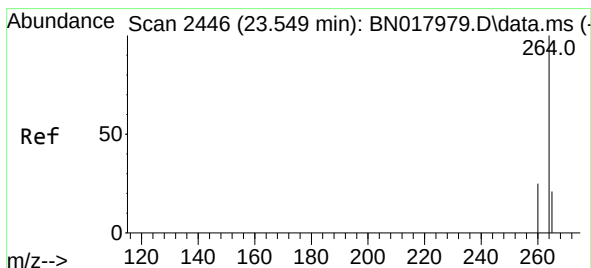
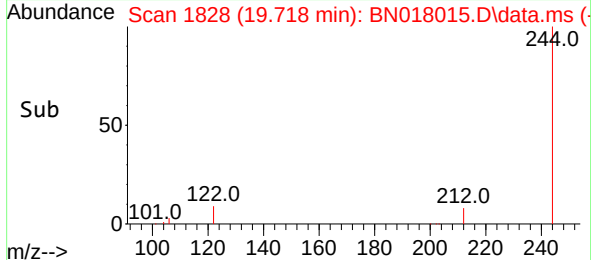
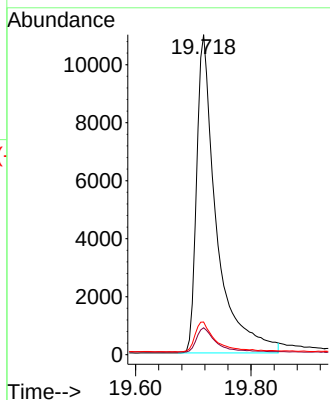
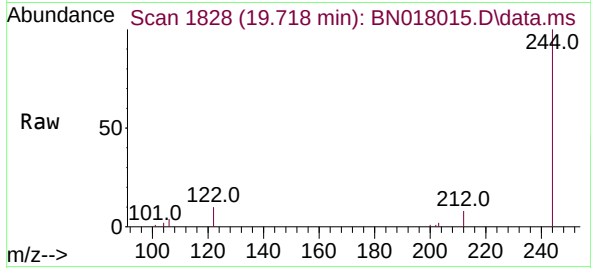




#31
 Terphenyl-d14
 Concen: 0.101 ng
 RT: 19.718 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN018015.D
 Acq: 14 Dec 2021 23:07

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20211202DL

Tgt Ion:244 Resp: 26258
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.2
 122 10.2 7.9 11.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.546 min Scan# 2445
 Delta R.T. -0.003 min
 Lab File: BN018015.D
 Acq: 14 Dec 2021 23:07

Tgt Ion:264 Resp: 113270
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.4
 265 24.0 18.2 27.2

