

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018263.D
 Acq On : 29 Dec 2021 16:23
 Operator : CG/JU
 Sample : PB141483BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141483BL

Quant Time: Dec 29 17:58:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

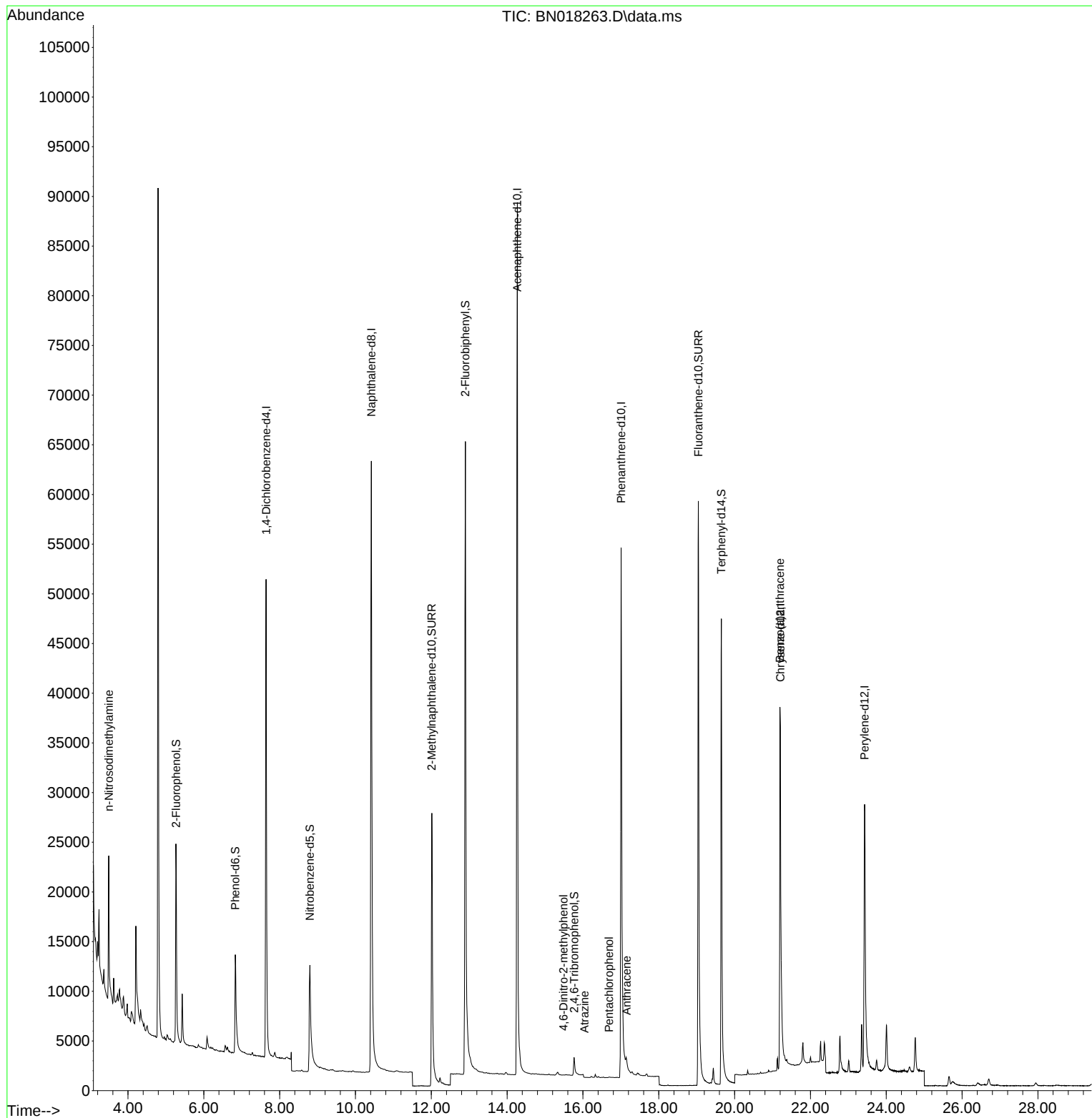
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28178	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	108957	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	62338	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	106436	0.400	ng	0.00
29) Chrysene-d12	21.206	240	60330	0.400	ng	# 0.01
35) Perylene-d12	23.430	264	49099	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	18808	0.333	ng	0.03
5) Phenol-d6	6.831	99	12824	0.235	ng	0.00
8) Nitrobenzene-d5	8.797	82	17246	0.350	ng	0.01
11) 2-Methylnaphthalene-d10	12.012	152	54209	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	2535	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	76853	0.326	ng	0.00
27) Fluoranthene-d10	19.043	212	95970	0.283	ng	0.00
31) Terphenyl-d14	19.649	244	73329	0.478	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.493	42	1095	0.047	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.487	198	8	0.206	ng	# 1
23) Atrazine	16.044	200	215	0.139	ng	# 1
24) Pentachlorophenol	16.689	266	90	0.186	ng	90
26) Anthracene	17.151	178	1263	0.048	ng	96
32) Benzo(a)anthracene	21.196	228	1380	0.063	ng	# 86

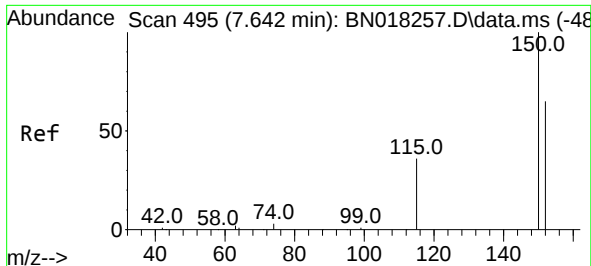
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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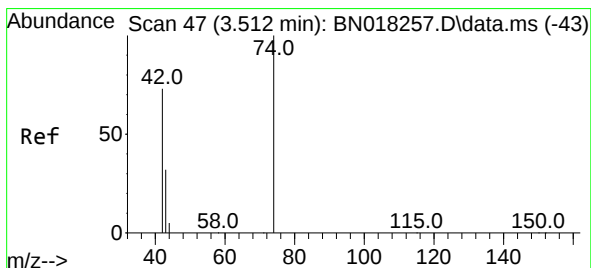
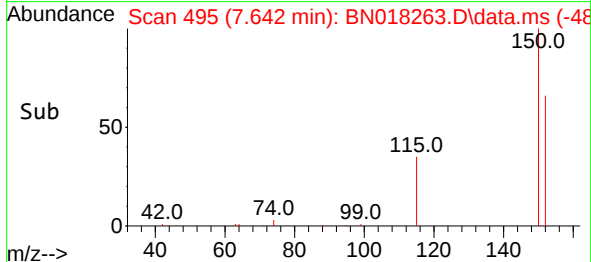
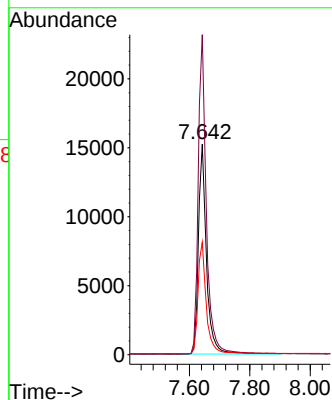
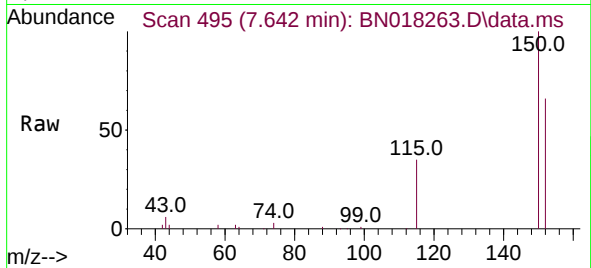




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: BN018263.D
 Acq: 29 Dec 2021 16:23

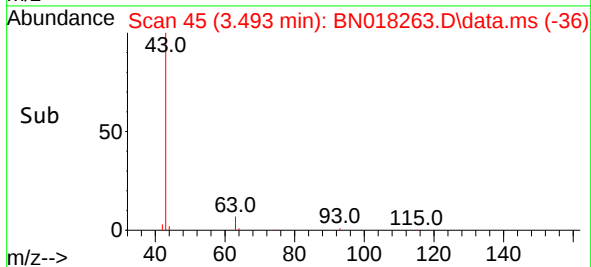
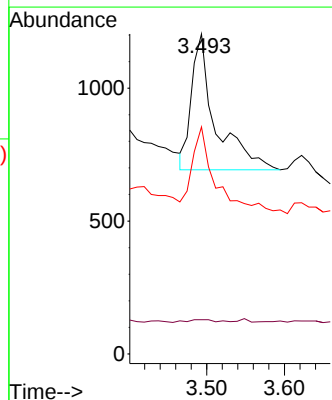
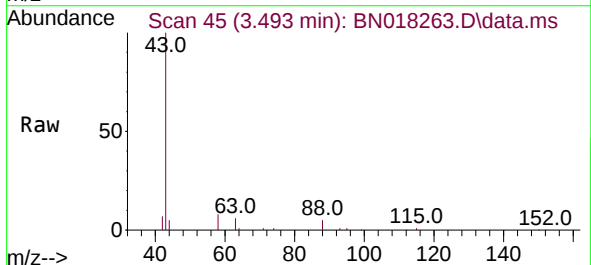
Instrument :
 BNA_N
 ClientSampleId :
 PB141483BL

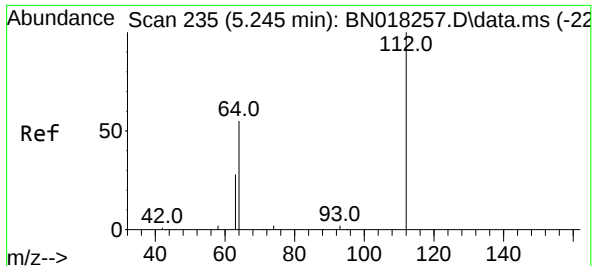
Tgt Ion:152 Resp: 28178
 Ion Ratio Lower Upper
 152 100
 150 152.0 121.7 182.5
 115 53.5 43.8 65.8



#3
 n-Nitrosodimethylamine
 Concen: 0.047 ng
 RT: 3.493 min Scan# 45
 Delta R.T. -0.018 min
 Lab File: BN018263.D
 Acq: 29 Dec 2021 16:23

Tgt Ion: 42 Resp: 1095
 Ion Ratio Lower Upper
 42 100
 74 2.6 108.6 163.0#
 44 56.1 5.8 8.8#

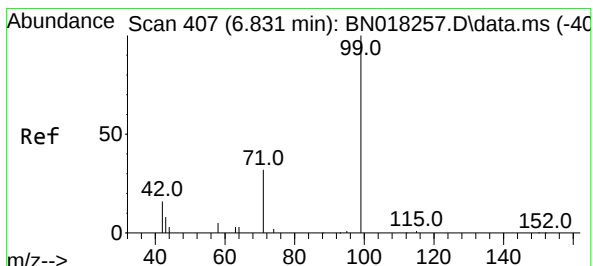
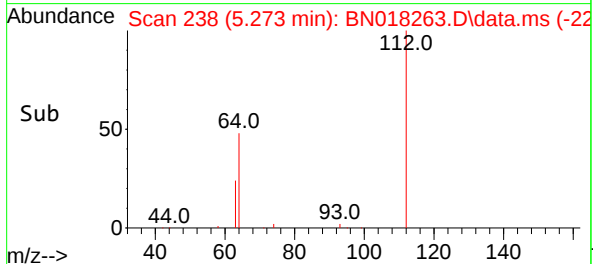
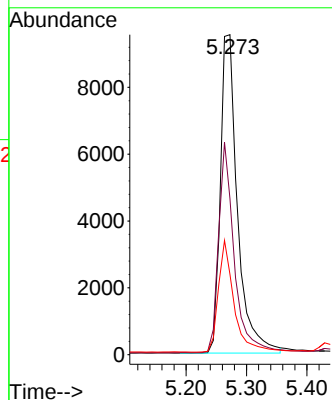
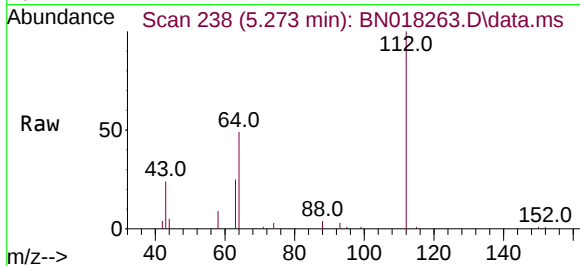




#4
2-Fluorophenol
Concen: 0.333 ng
RT: 5.273 min Scan# 21
Delta R.T. 0.028 min
Lab File: BN018263.D
Acq: 29 Dec 2021 16:23

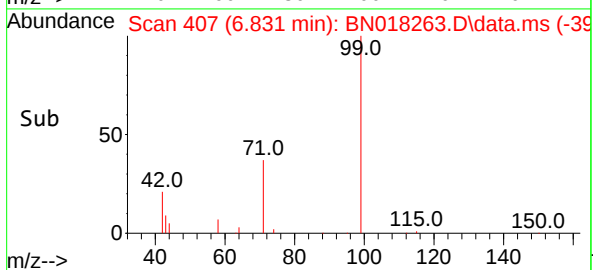
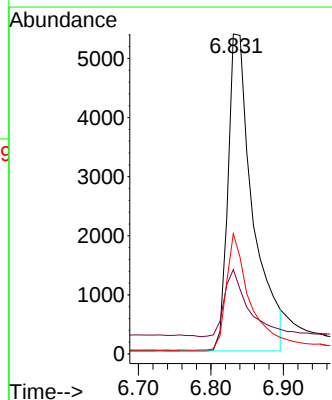
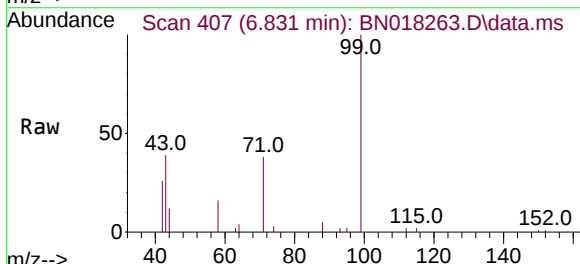
Instrument :
BNA_N
ClientSampleId :
PB141483BL

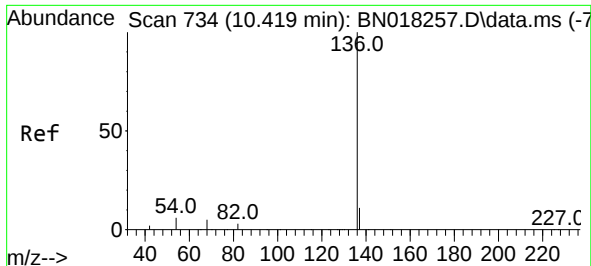
Tgt Ion:112 Resp: 18808
Ion Ratio Lower Upper
112 100
64 60.2 48.0 72.0
63 32.0 25.3 37.9



#5
Phenol-d6
Concen: 0.235 ng
RT: 6.831 min Scan# 407
Delta R.T. -0.000 min
Lab File: BN018263.D
Acq: 29 Dec 2021 16:23

Tgt Ion: 99 Resp: 12824
Ion Ratio Lower Upper
99 100
42 20.3 16.3 24.5
71 34.4 26.8 40.2

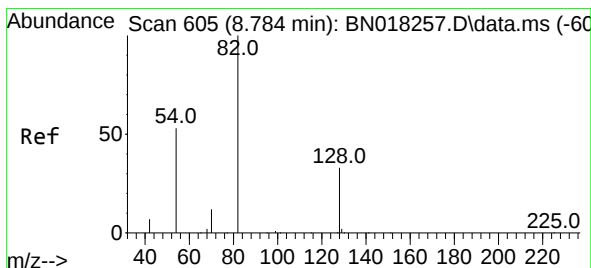
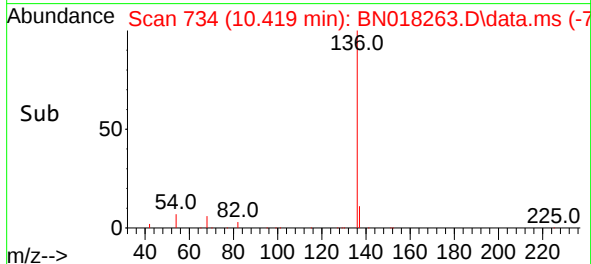
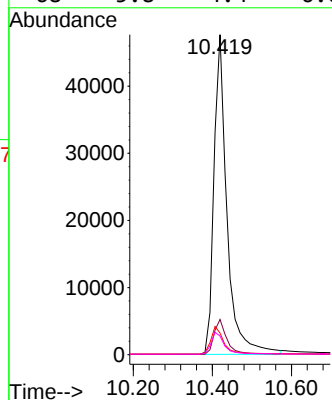
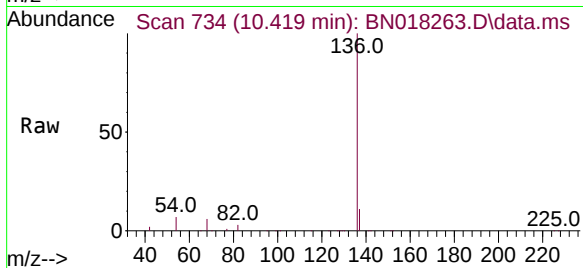




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018263.D
Acq: 29 Dec 2021 16:23

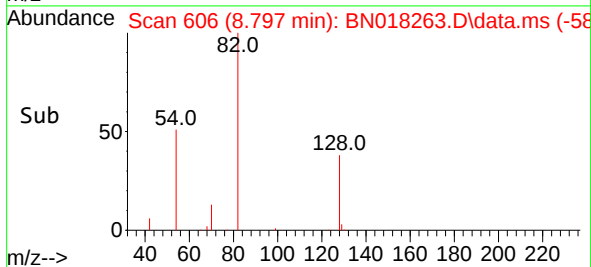
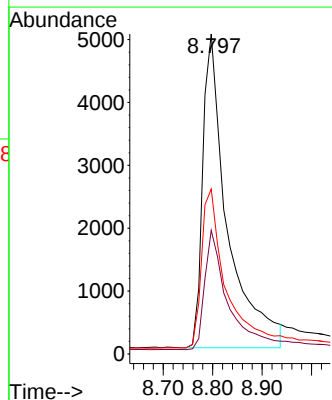
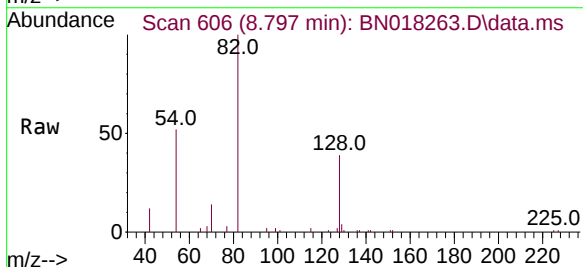
Instrument :
BNA_N
ClientSampleId :
PB141483BL

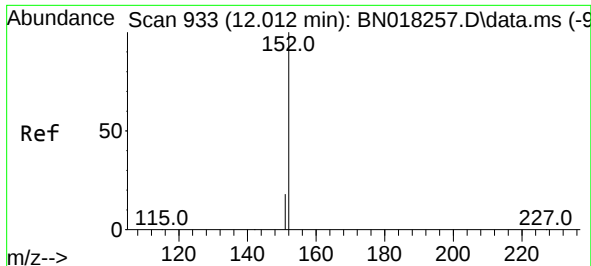
Tgt Ion:	136	Resp:	108957
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	6.8	5.0	7.6
68	5.8	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.797 min Scan# 606
Delta R.T. 0.013 min
Lab File: BN018263.D
Acq: 29 Dec 2021 16:23

Tgt Ion:	82	Resp:	17246
Ion Ratio	Lower	Upper	
82	100		
128	38.6	33.7	50.5
54	51.5	36.6	55.0





#11

2-Methylnaphthalene-d10

Concen: 0.296 ng

RT: 12.012 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN018263.D

Acq: 29 Dec 2021 16:23

Instrument :

BNA_N

ClientSampleId :

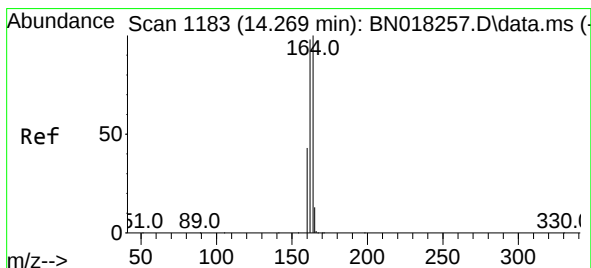
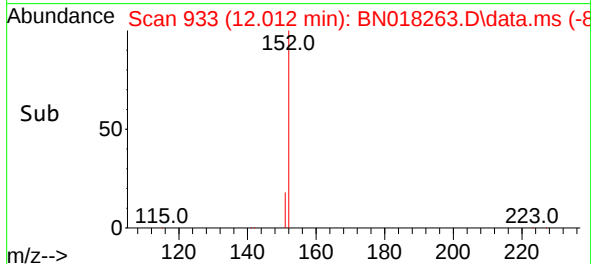
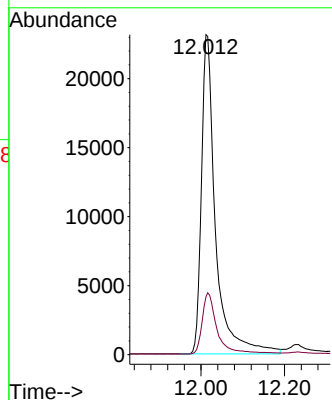
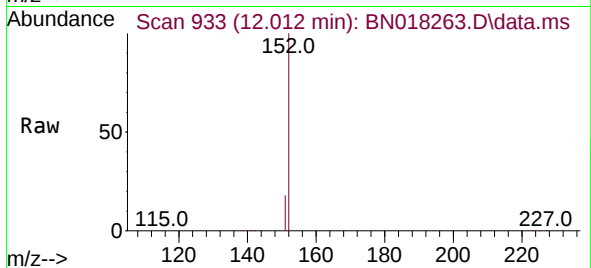
PB141483BL

Tgt Ion:152 Resp: 54209

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.269 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BN018263.D

Acq: 29 Dec 2021 16:23

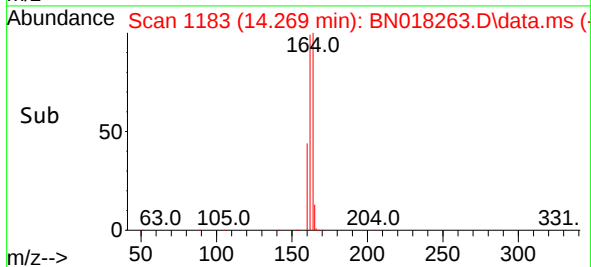
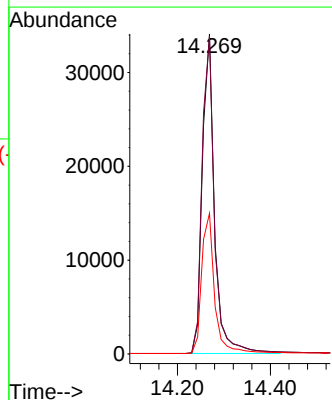
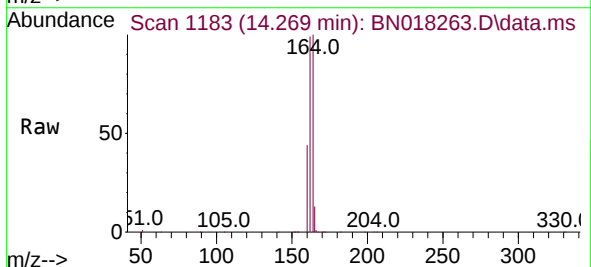
Tgt Ion:164 Resp: 62338

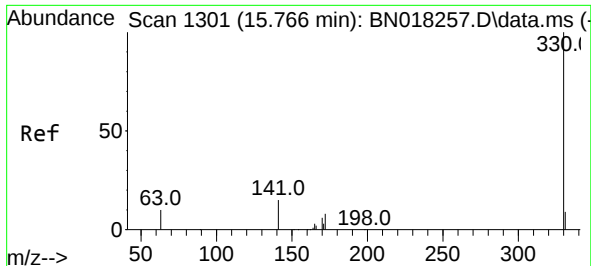
Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.2

160 43.9 36.9 55.3

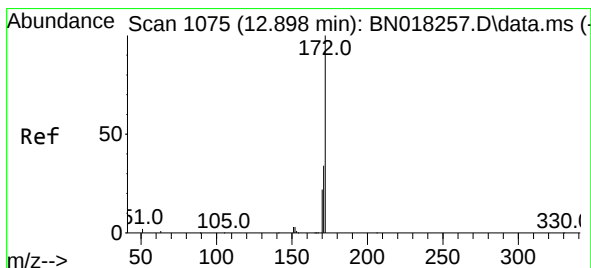
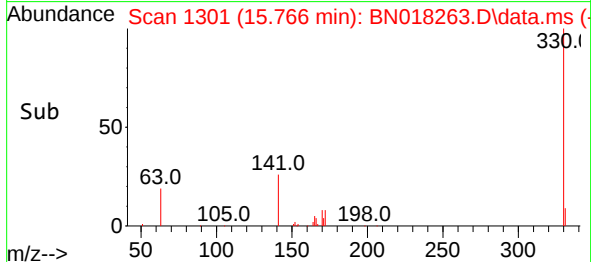
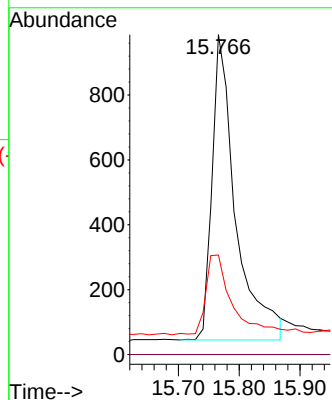
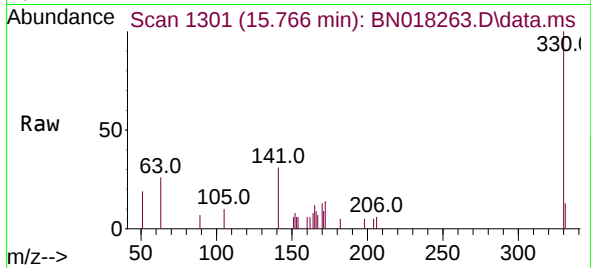




#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.766 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018263.D
Acq: 29 Dec 2021 16:23

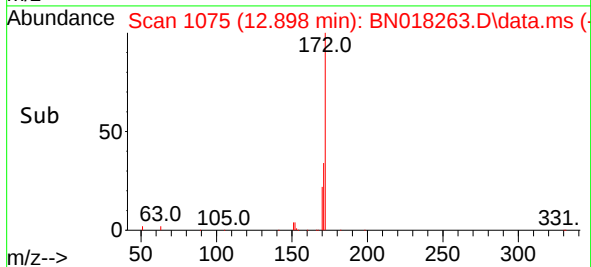
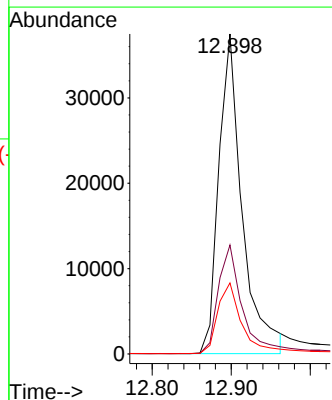
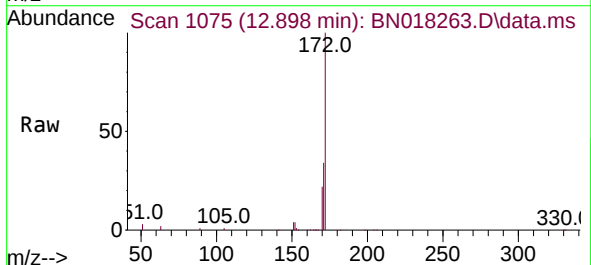
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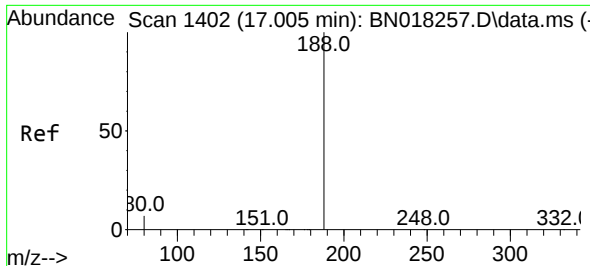
Tgt Ion:330 Resp: 2535
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.1 21.3 31.9



#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018263.D
Acq: 29 Dec 2021 16:23

Tgt Ion:172 Resp: 76853
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 22.2 18.4 27.6

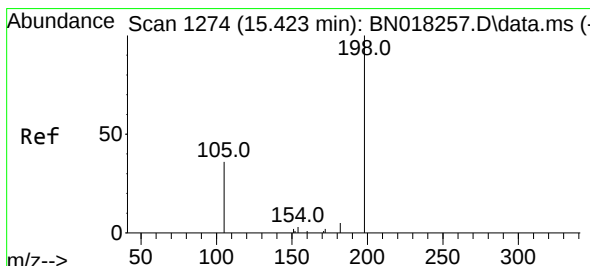
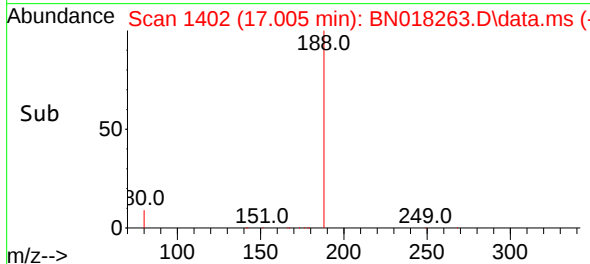
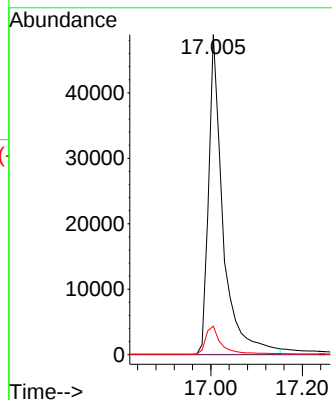
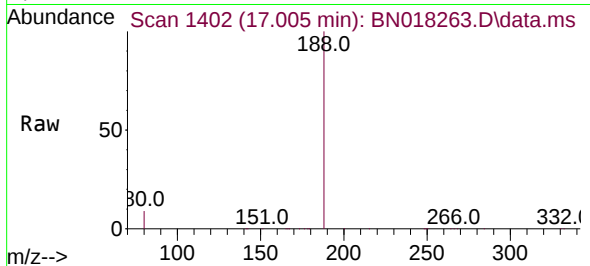




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.005 min Scan# 1402
 Delta R.T. 0.000 min
 Lab File: BN018263.D
 Acq: 29 Dec 2021 16:23

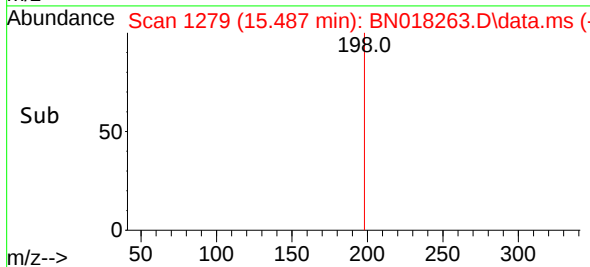
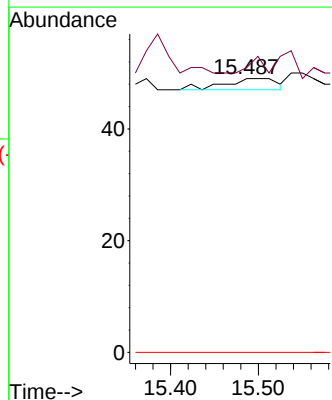
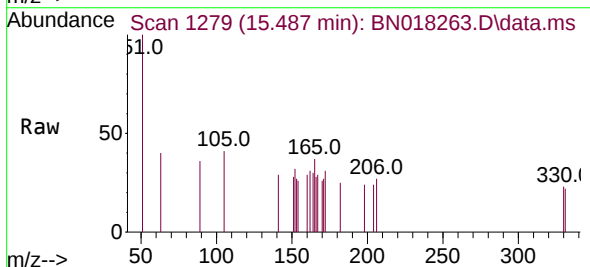
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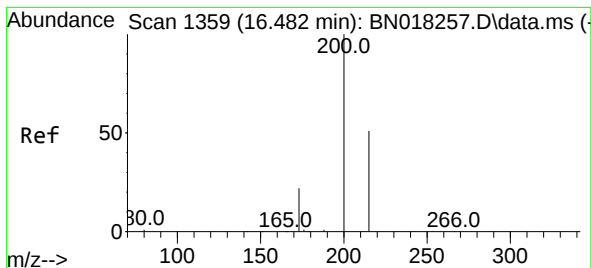
Tgt Ion:188 Resp: 106436
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.9 7.0 10.4



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.206 ng
 RT: 15.487 min Scan# 1279
 Delta R.T. 0.064 min
 Lab File: BN018263.D
 Acq: 29 Dec 2021 16:23

Tgt Ion:198 Resp: 8
 Ion Ratio Lower Upper
 198 100
 182 104.1 15.5 23.3#
 77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.139 ng

RT: 16.044 min Scan# 1323

Delta R.T. -0.438 min

Lab File: BN018263.D

Acq: 29 Dec 2021 16:23

Instrument :

BNA_N

ClientSampleId :

PB141483BL

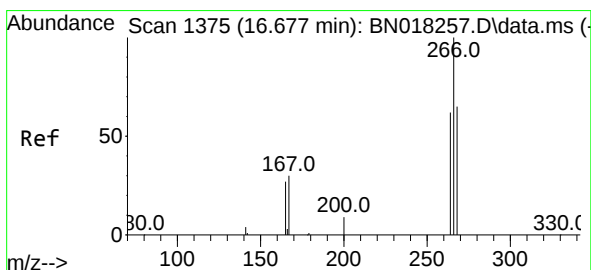
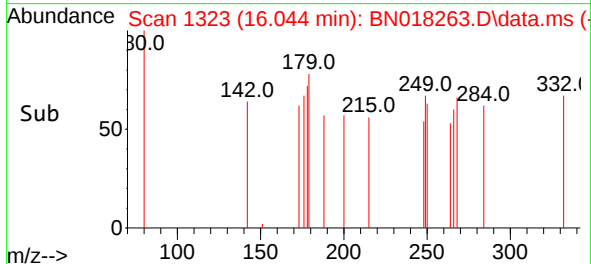
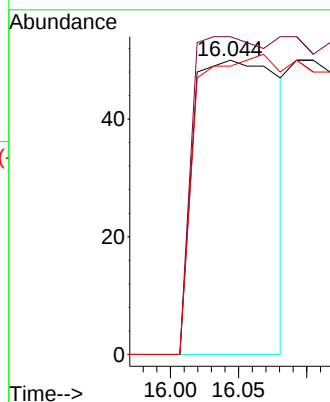
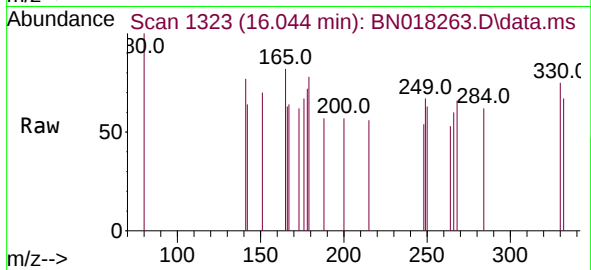
Tgt Ion:200 Resp: 215

Ion Ratio Lower Upper

200 100

173 108.0 20.3 30.5#

215 98.0 40.4 60.6#



#24

Pentachlorophenol

Concen: 0.186 ng

RT: 16.689 min Scan# 1376

Delta R.T. 0.012 min

Lab File: BN018263.D

Acq: 29 Dec 2021 16:23

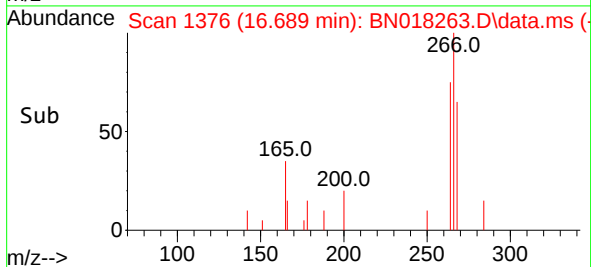
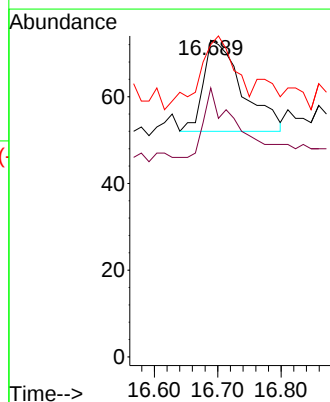
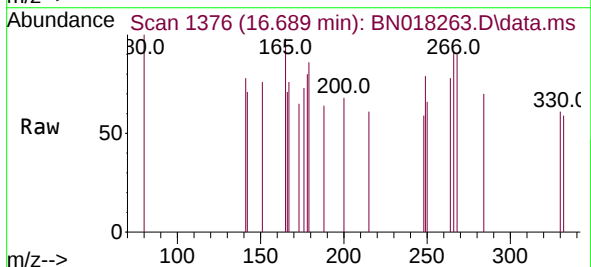
Tgt Ion:266 Resp: 90

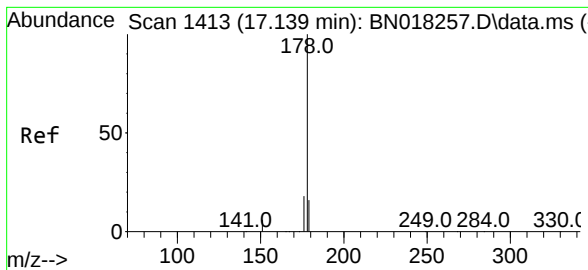
Ion Ratio Lower Upper

266 100

264 67.8 49.5 74.3

268 73.3 50.6 76.0

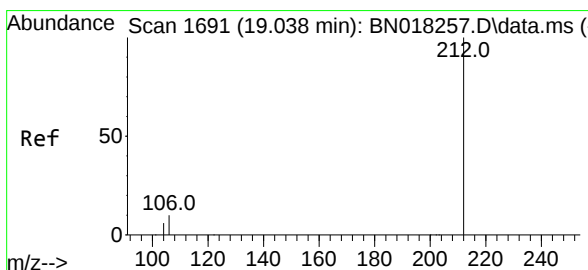
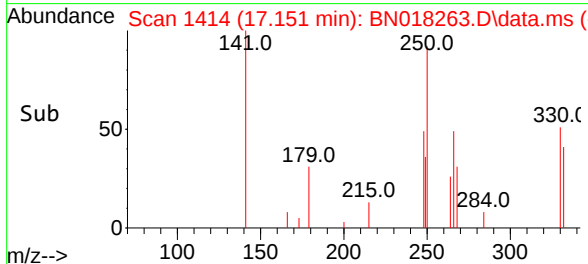
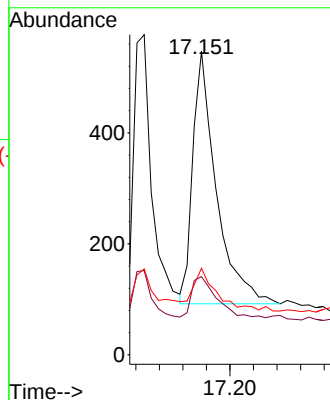
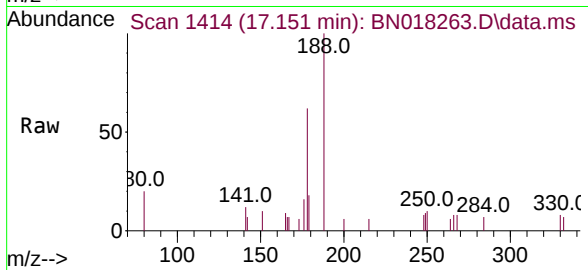




#26
 Anthracene
 Concen: 0.048 ng
 RT: 17.151 min Scan# 1414
 Delta R.T. 0.012 min
 Lab File: BN018263.D
 Acq: 29 Dec 2021 16:23

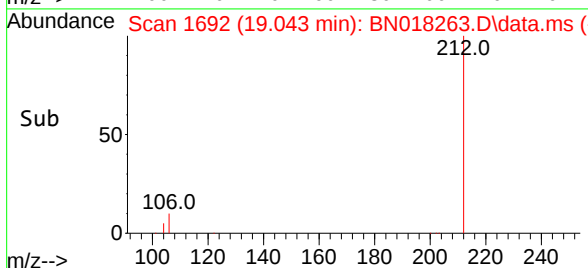
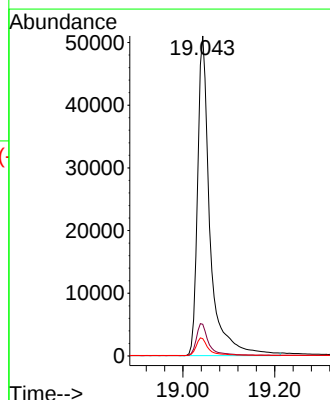
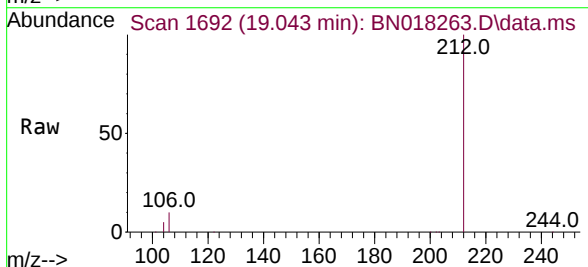
Instrument :
 BNA_N
 ClientSampleId :
 PB141483BL

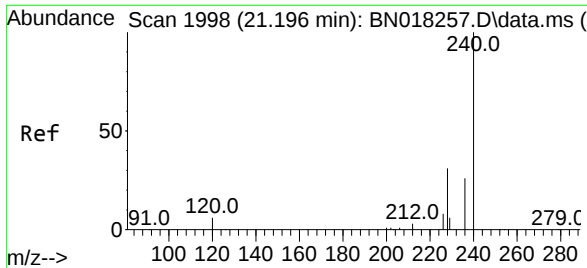
Tgt Ion:178 Resp: 1263
 Ion Ratio Lower Upper
 178 100
 176 17.1 14.8 22.2
 179 17.3 12.2 18.4



#27
 Fluoranthene-d10
 Concen: 0.283 ng
 RT: 19.043 min Scan# 1692
 Delta R.T. 0.005 min
 Lab File: BN018263.D
 Acq: 29 Dec 2021 16:23

Tgt Ion:212 Resp: 95970
 Ion Ratio Lower Upper
 212 100
 106 10.3 8.4 12.6
 104 5.5 4.5 6.7

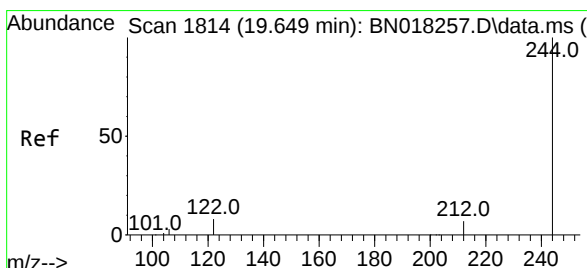
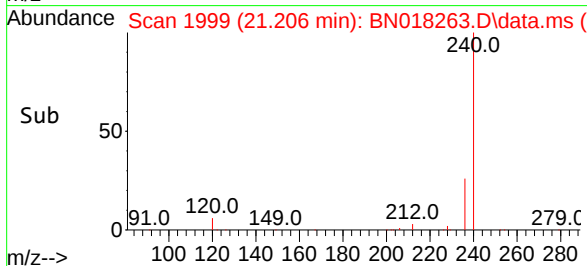
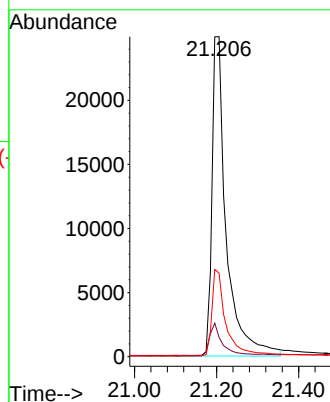
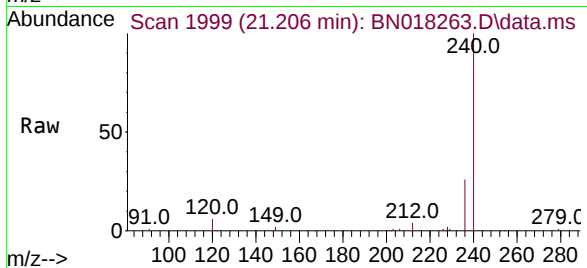




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.010 min
Lab File: BN018263.D
Acq: 29 Dec 2021 16:23

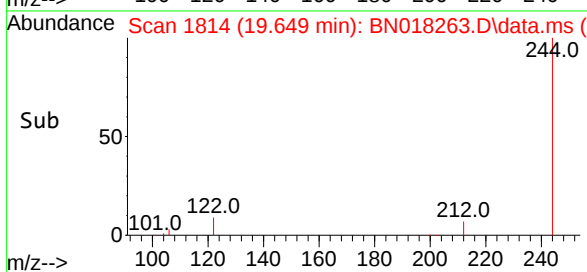
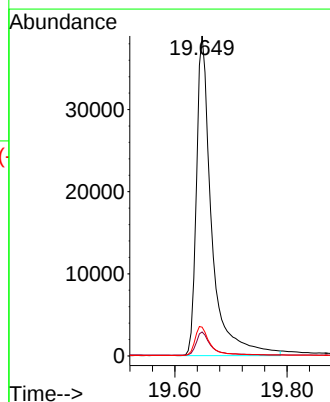
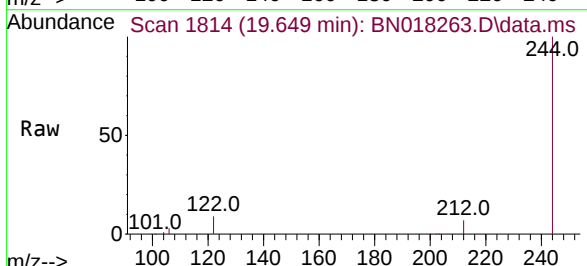
Instrument :
BNA_N
ClientSampleId :
PB141483BL

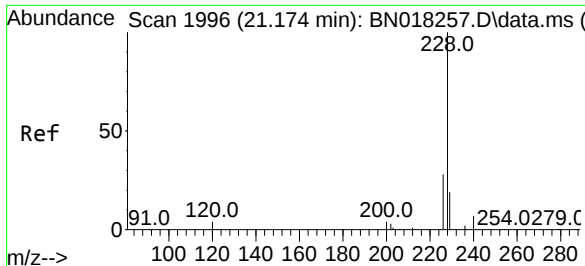
Tgt Ion:240 Resp: 60330
Ion Ratio Lower Upper
240 100
120 6.0 6.0 9.0#
236 26.1 21.4 32.2



#31
Terphenyl-d14
Concen: 0.478 ng
RT: 19.649 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN018263.D
Acq: 29 Dec 2021 16:23

Tgt Ion:244 Resp: 73329
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 9.0 7.9 11.9

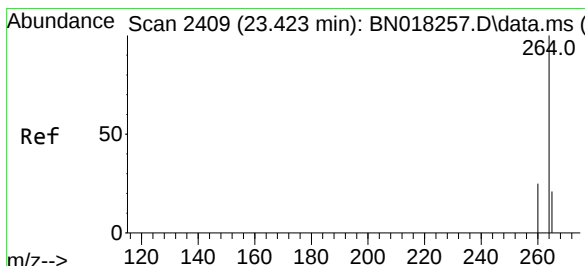
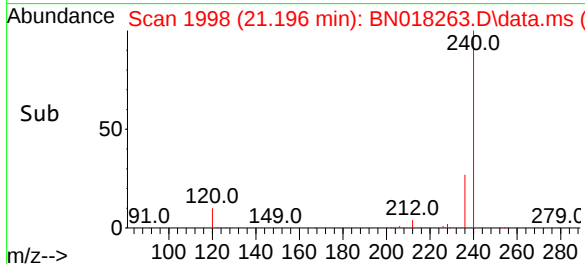
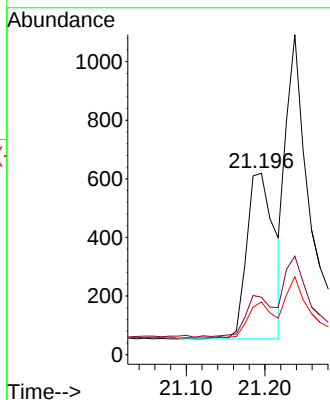
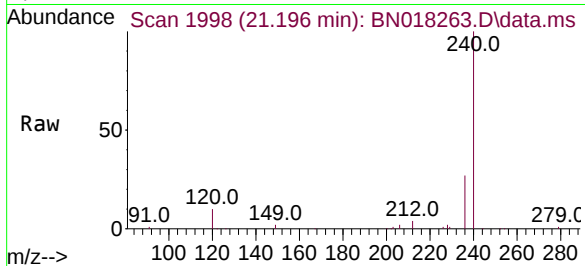




#32
Benzo(a)anthracene
Concen: 0.063 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.022 min
Lab File: BN018263.D
Acq: 29 Dec 2021 16:23

Instrument :
BNA_N
ClientSampleId :
PB141483BL

Tgt Ion:228 Resp: 1380
Ion Ratio Lower Upper
228 100
226 31.7 21.3 31.9
229 29.1 15.9 23.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.430 min Scan# 2411
Delta R.T. 0.007 min
Lab File: BN018263.D
Acq: 29 Dec 2021 16:23

Tgt Ion:264 Resp: 49099
Ion Ratio Lower Upper
264 100
260 25.0 20.2 30.4
265 26.3 18.2 27.2

