

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN018005.D
 Acq On : 14 Dec 2021 15:53
 Operator : CG/JU
 Sample : M4956-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20211204

Quant Time: Dec 15 02:20:15 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)

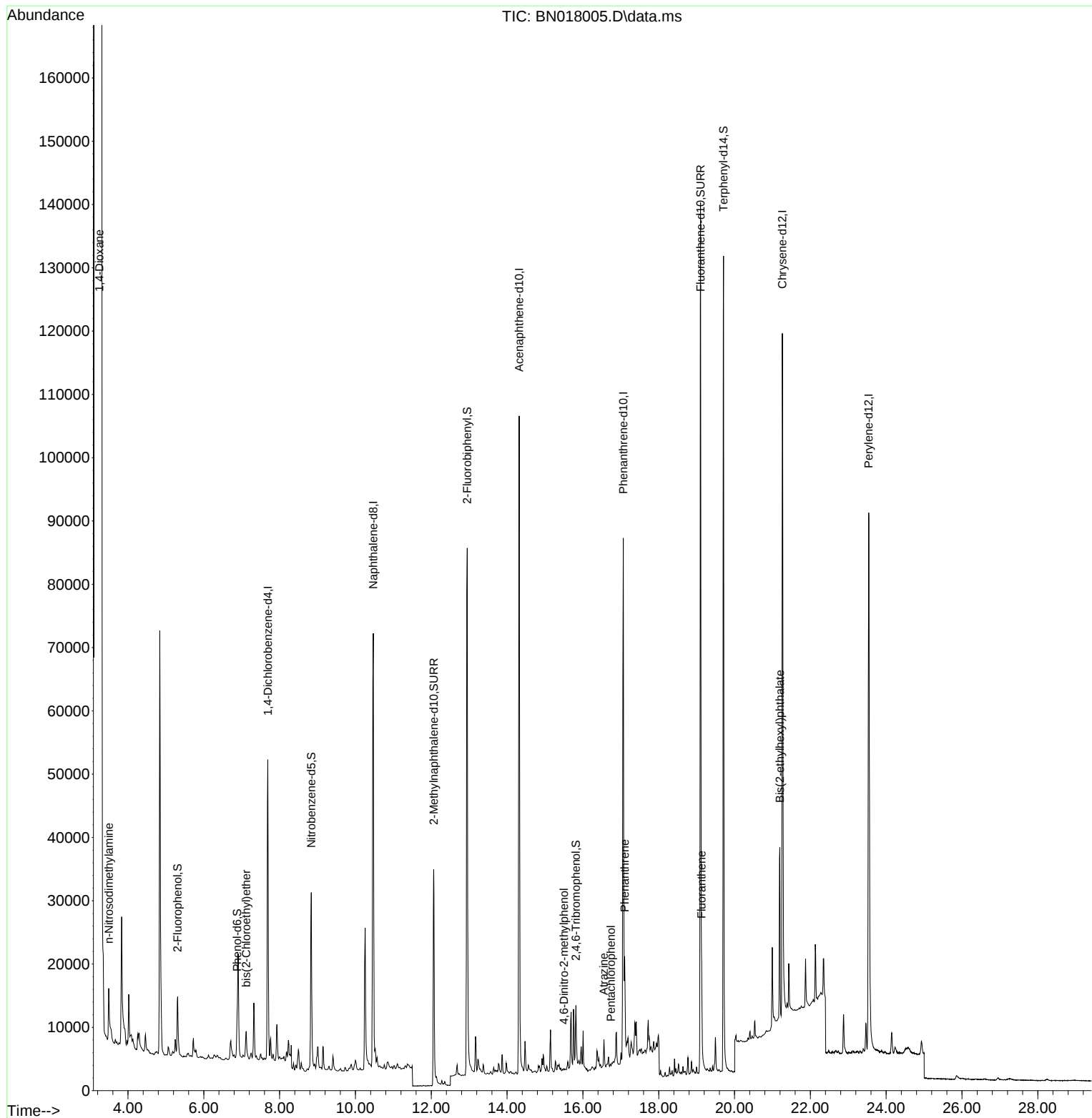
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	24845	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	103169	0.400	ng	0.00
13) Acenaphthene-d10	14.320	164	64270	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	132266	0.400	ng	0.00
29) Chrysene-d12	21.259	240	135415	0.400	ng	#-0.01
35) Perylene-d12	23.539	264	134177	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	9805	0.182	ng	0.02
5) Phenol-d6	6.877	99	6219	0.115	ng	0.00
8) Nitrobenzene-d5	8.835	82	27496	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	55283	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	10044	0.436	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	88076	0.393	ng	0.00
27) Fluoranthene-d10	19.103	212	178338	0.404	ng	0.00
31) Terphenyl-d14	19.708	244	149032	0.528	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	88040	5.686	ng	# 55
3) n-Nitrosodimethylamine	3.493	42	2543	0.110	ng	# 1
6) bis(2-Chloroethyl)ether	7.117	93	3089	0.048	ng	98
20) 4,6-Dinitro-2-methylph...	15.500	198	21	0.209	ng	# 1
23) Atrazine	16.555	200	129	0.082	ng	# 1
24) Pentachlorophenol	16.738	266	35	0.244	ng	# 42
25) Phenanthrene	17.103	178	16283	0.048	ng	# 94
28) Fluoranthene	19.133	202	10094	0.024	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	28497	0.142	ng	99

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

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Instrument :
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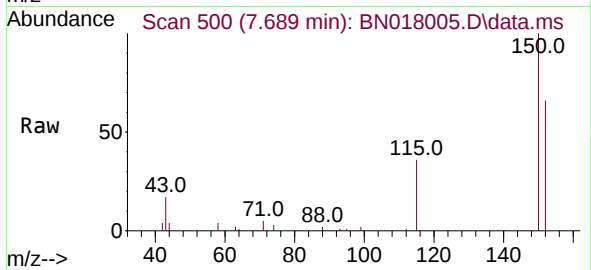
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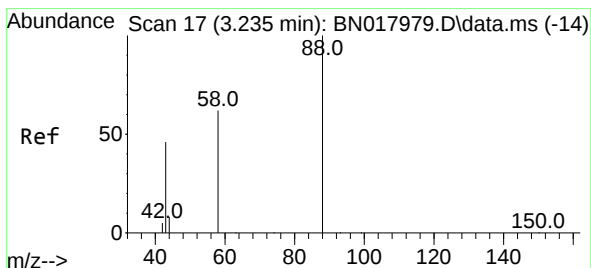
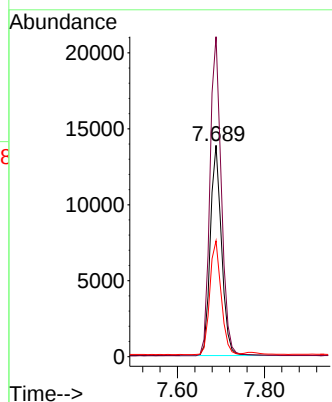
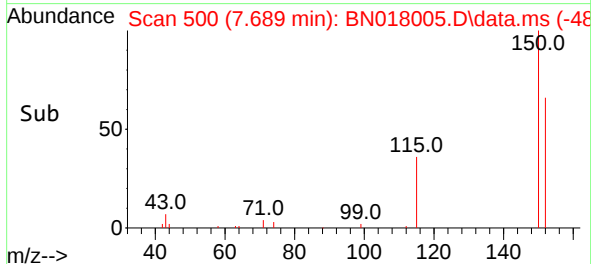


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 50
 Delta R.T. 0.001 min
 Lab File: BN018005.D
 Acq: 14 Dec 2021 15:53

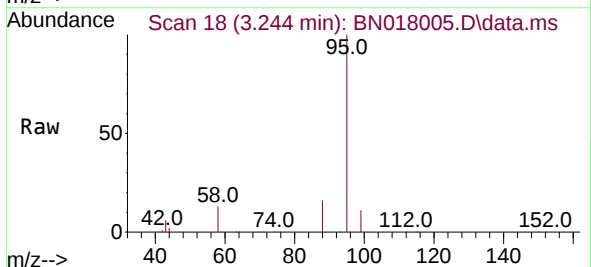
Instrument :
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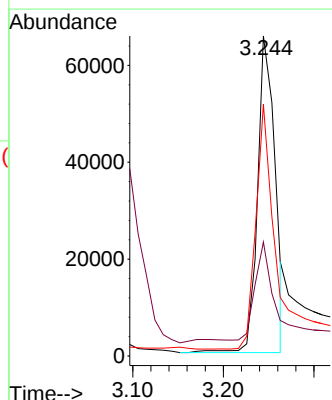
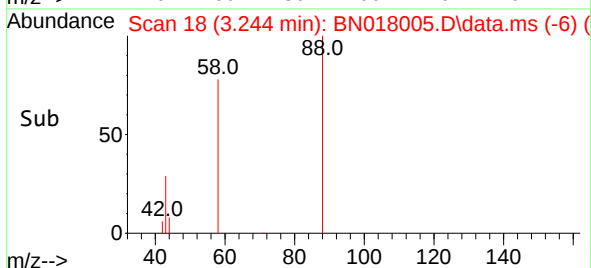
Tgt Ion:152 Resp: 24845
 Ion Ratio Lower Upper
 152 100
 150 151.4 121.7 182.5
 115 54.8 43.8 65.8

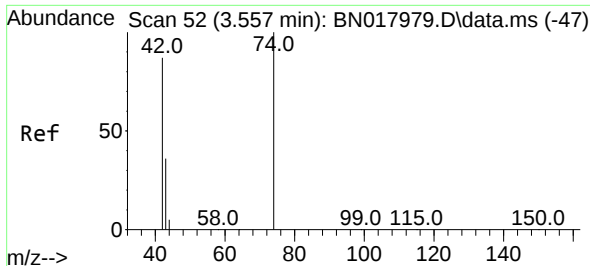


#2
 1,4-Dioxane
 Concen: 5.686 ng
 RT: 3.244 min Scan# 18
 Delta R.T. 0.010 min
 Lab File: BN018005.D
 Acq: 14 Dec 2021 15:53



Tgt Ion: 88 Resp: 88040
 Ion Ratio Lower Upper
 88 100
 43 29.5 69.7 104.5#
 58 72.5 83.8 125.8#

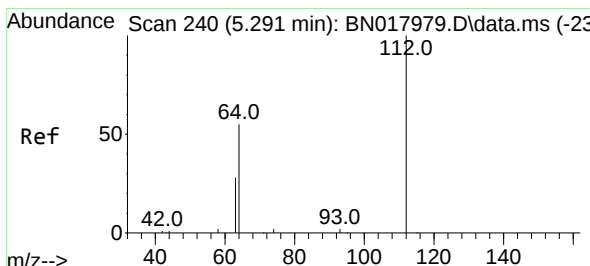
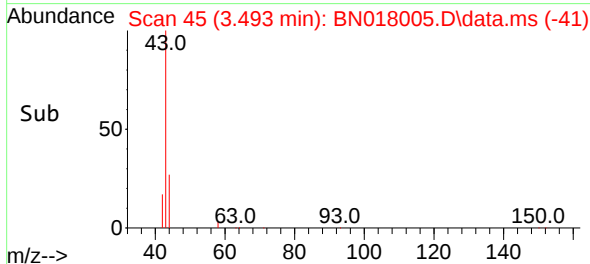
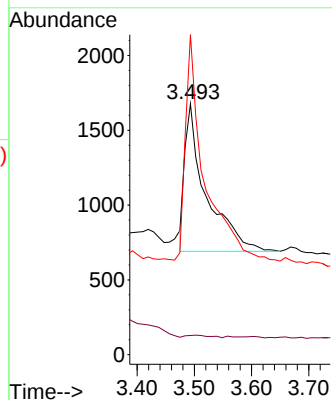
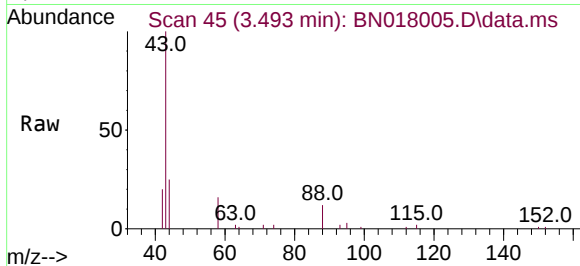




#3
n-Nitrosodimethylamine
Concen: 0.110 ng
RT: 3.493 min Scan# 41
Delta R.T. -0.064 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

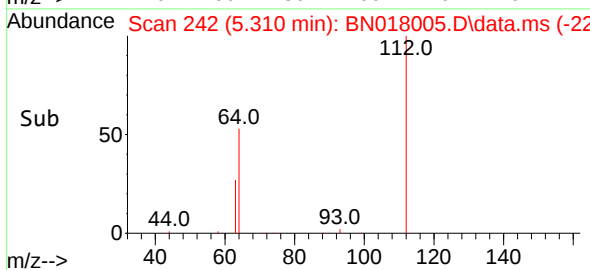
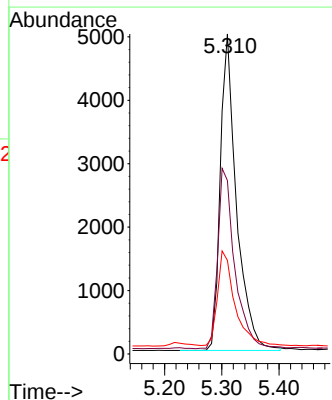
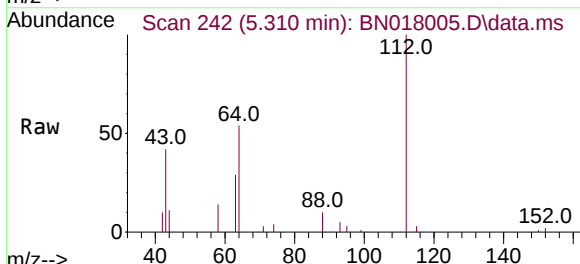
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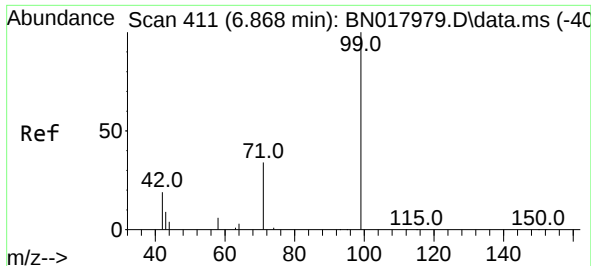
Tgt Ion: 42 Resp: 2543
Ion Ratio Lower Upper
42 100
74 1.8 108.6 163.0#
44 136.8 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.019 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

Tgt Ion: 112 Resp: 9805
Ion Ratio Lower Upper
112 100
64 60.1 48.0 72.0
63 31.8 25.3 37.9

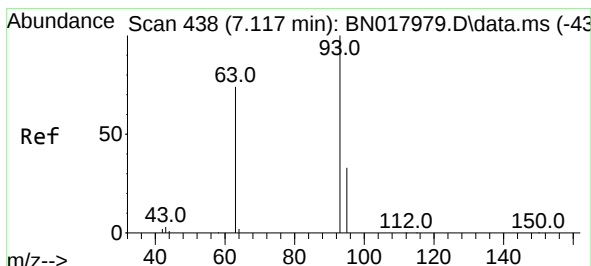
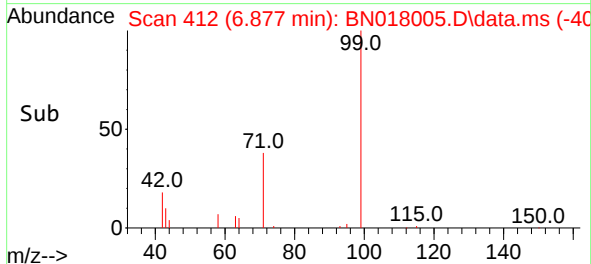
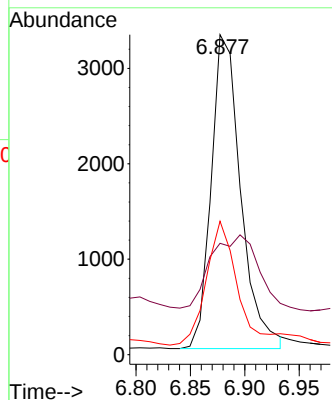
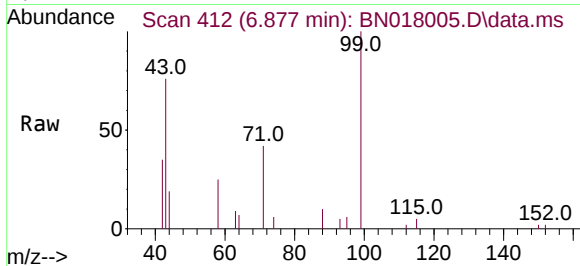




#5
Phenol-d6
Concen: 0.115 ng
RT: 6.877 min Scan# 411
Delta R.T. 0.010 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

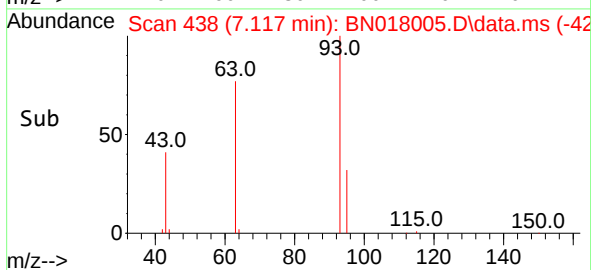
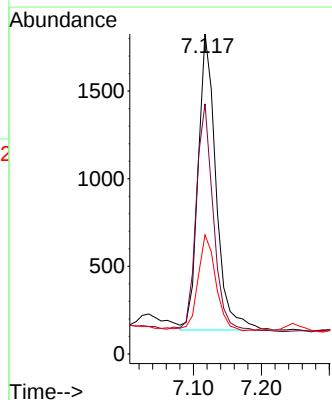
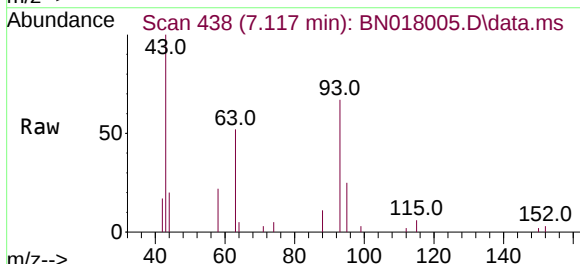
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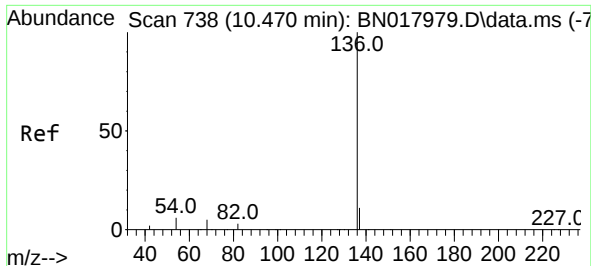
Tgt Ion: 99 Resp: 6219
Ion Ratio Lower Upper
99 100
42 36.6 16.3 24.5#
71 40.6 26.8 40.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.048 ng
RT: 7.117 min Scan# 438
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

Tgt Ion: 93 Resp: 3089
Ion Ratio Lower Upper
93 100
63 75.3 61.7 92.5
95 31.9 26.2 39.4

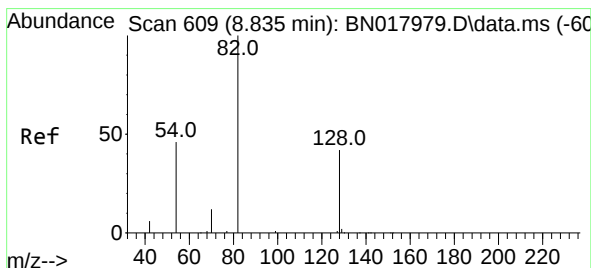
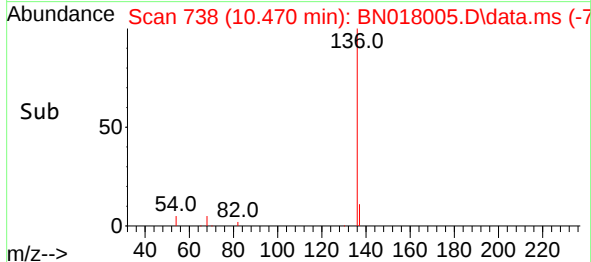
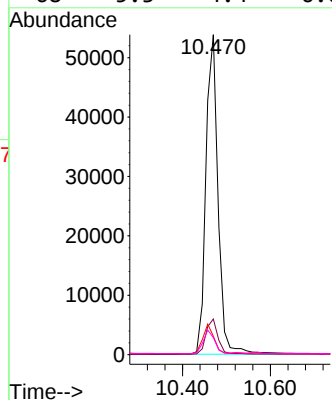
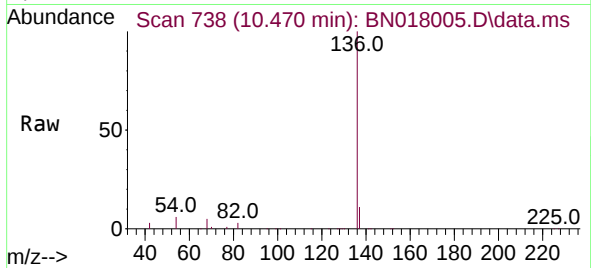




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

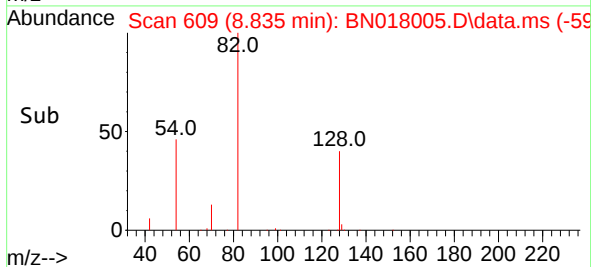
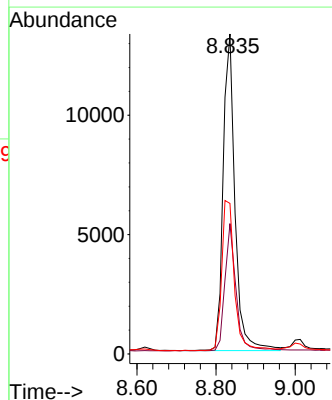
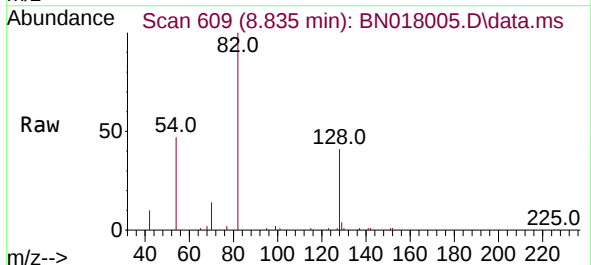
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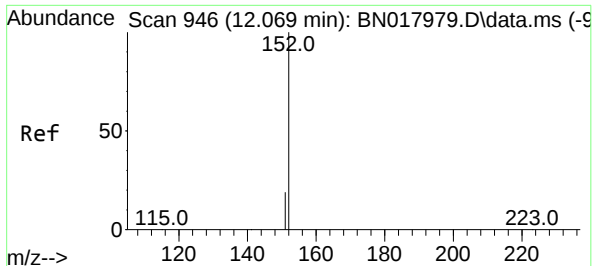
Tgt Ion:	136	Resp:	103169
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	5.8	5.0	7.6
68	5.3	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

Tgt Ion:	82	Resp:	27496
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.7	50.5
54	47.0	36.6	55.0

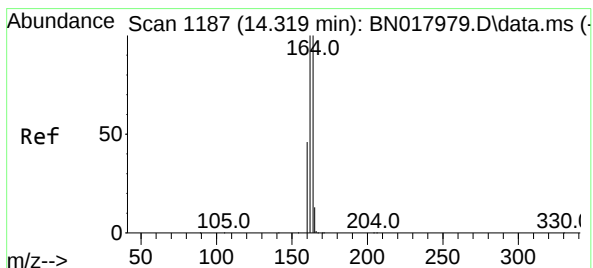
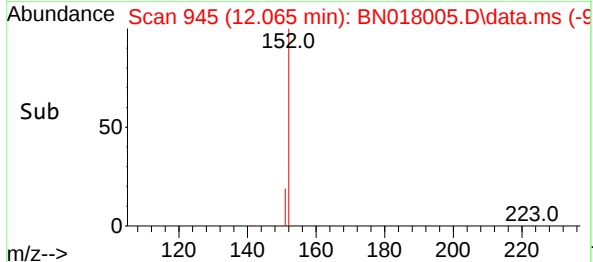
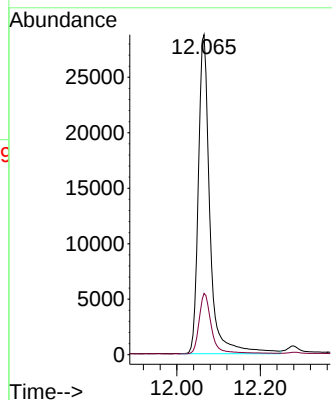
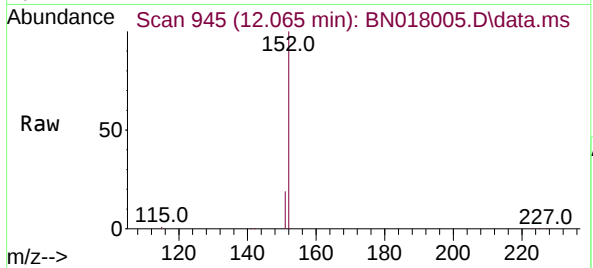




#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.065 min Scan# 946
Delta R.T. -0.004 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

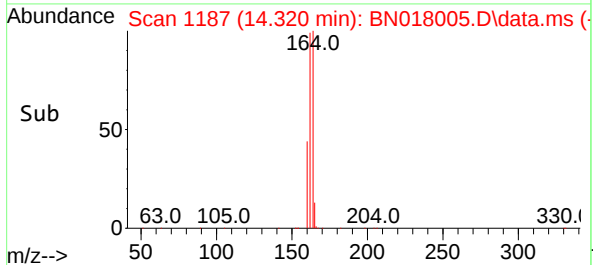
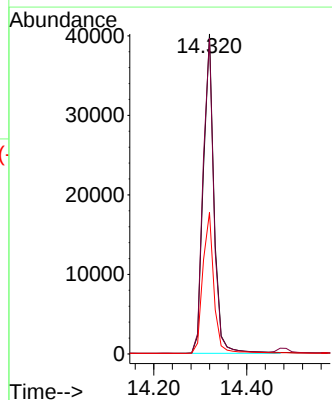
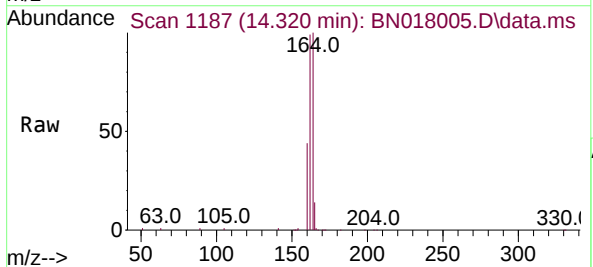
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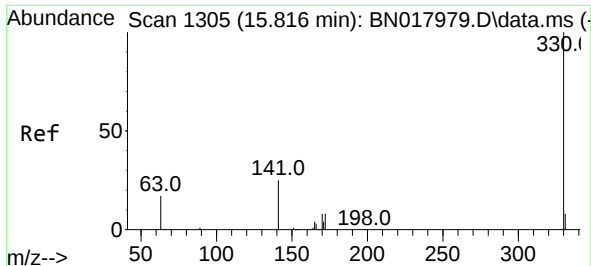
Tgt Ion:152 Resp: 55283
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.320 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

Tgt Ion:164 Resp: 64270
Ion Ratio Lower Upper
164 100
162 98.7 80.2 120.2
160 44.2 36.9 55.3

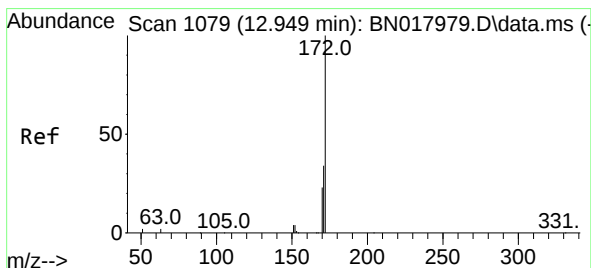
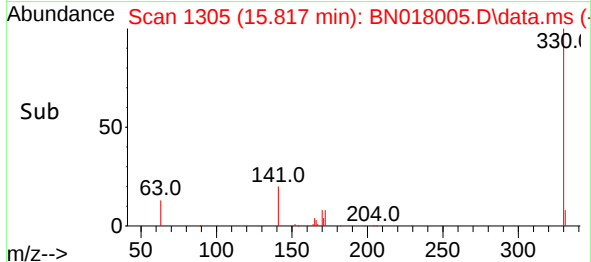
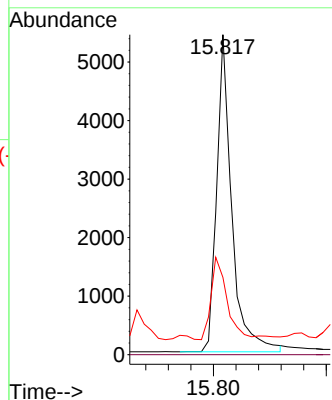
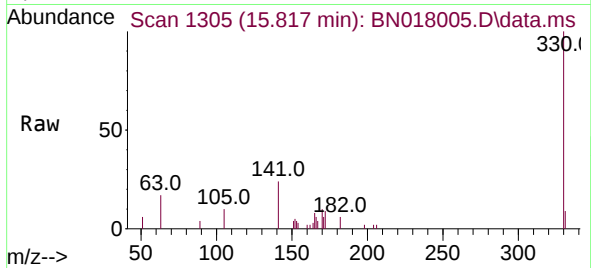




#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 15.817 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

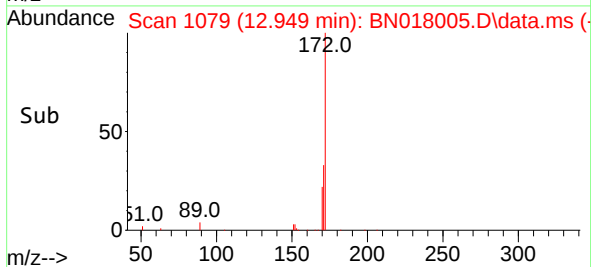
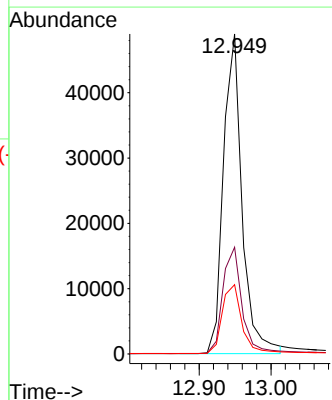
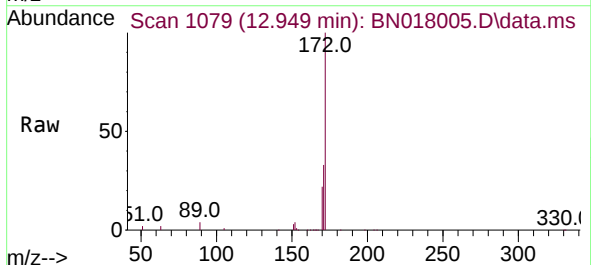
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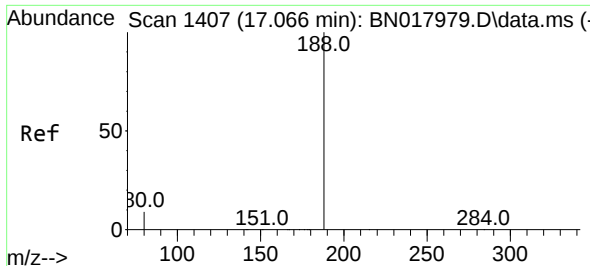
Tgt Ion:330 Resp: 10044
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.5 21.3 31.9



#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.949 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

Tgt Ion:172 Resp: 88076
Ion Ratio Lower Upper
172 100
171 33.4 27.4 41.0
170 21.7 18.4 27.6

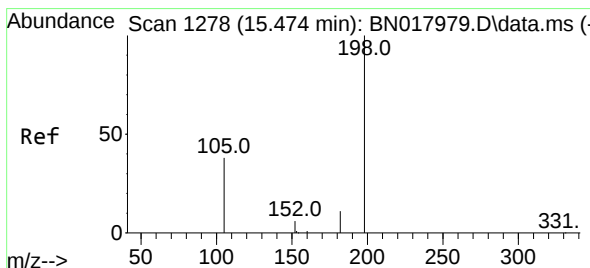
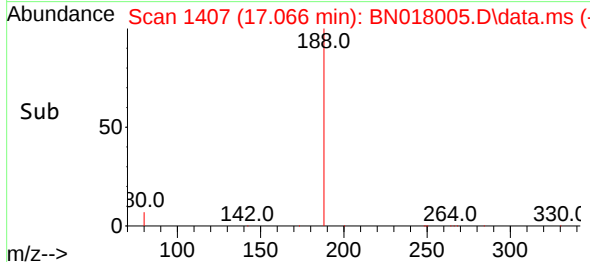
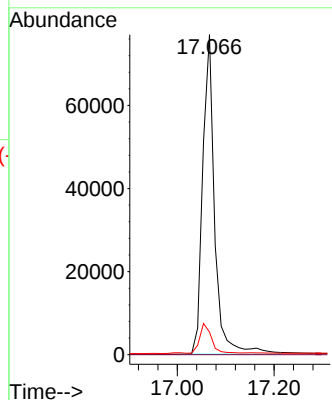
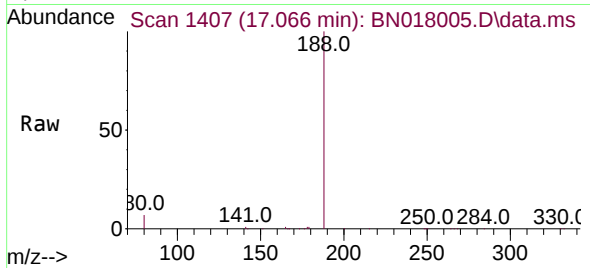




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

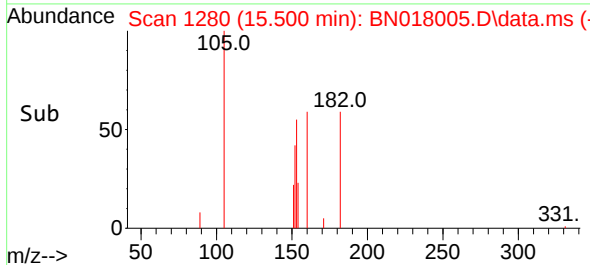
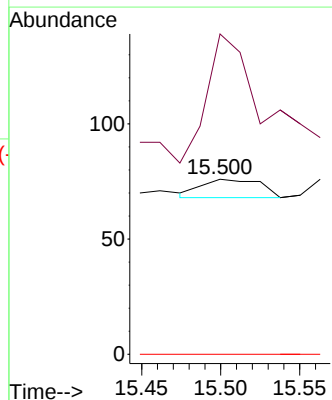
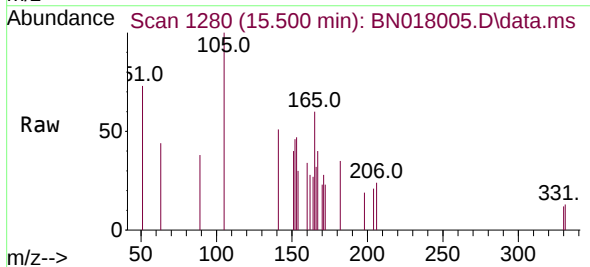
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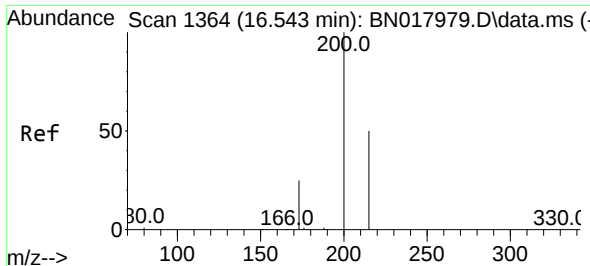
Tgt Ion:188 Resp: 132266
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.209 ng
RT: 15.500 min Scan# 1280
Delta R.T. 0.026 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
182 182.9 15.5 23.3#
77 0.0 0.0 0.0

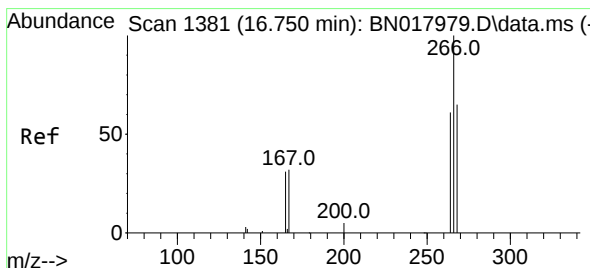
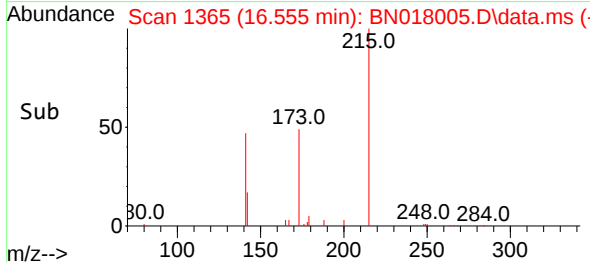
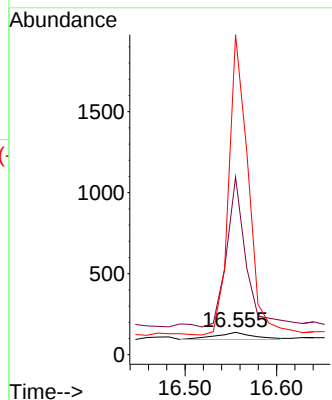
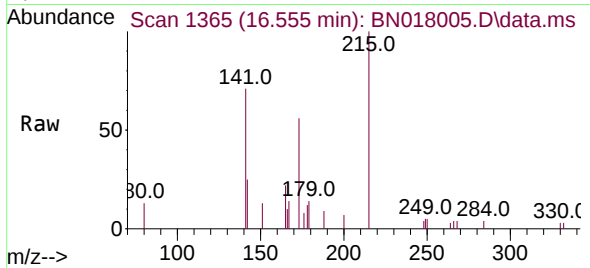




#23
 Atrazine
 Concen: 0.082 ng
 RT: 16.555 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN018005.D
 Acq: 14 Dec 2021 15:53

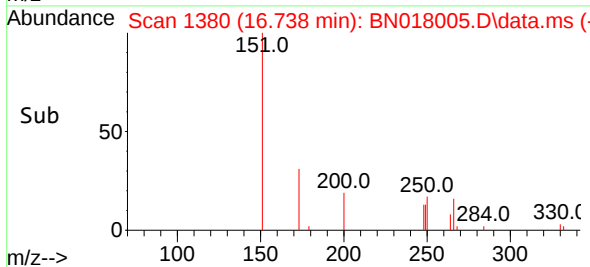
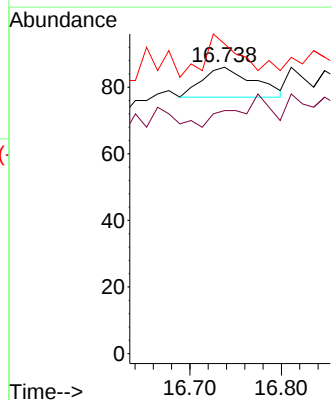
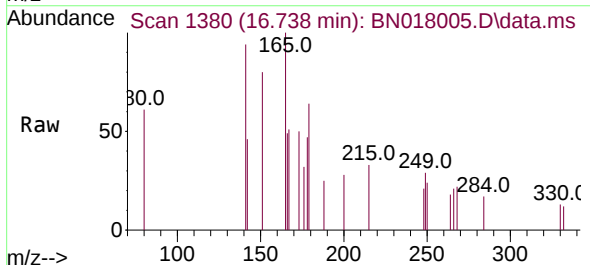
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20211204

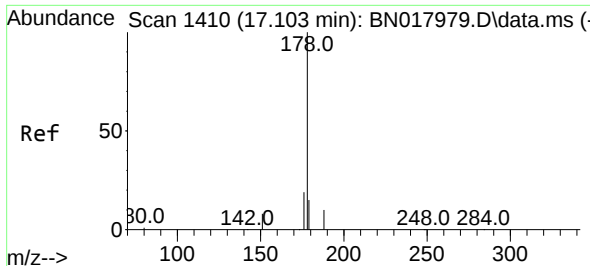
Tgt Ion:200 Resp: 129
 Ion Ratio Lower Upper
 200 100
 173 789.2 20.3 30.5#
 215 1420.9 40.4 60.6#



#24
 Pentachlorophenol
 Concen: 0.244 ng
 RT: 16.738 min Scan# 1380
 Delta R.T. -0.012 min
 Lab File: BN018005.D
 Acq: 14 Dec 2021 15:53

Tgt Ion:266 Resp: 35
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.5 74.3#
 268 91.4 50.6 76.0#

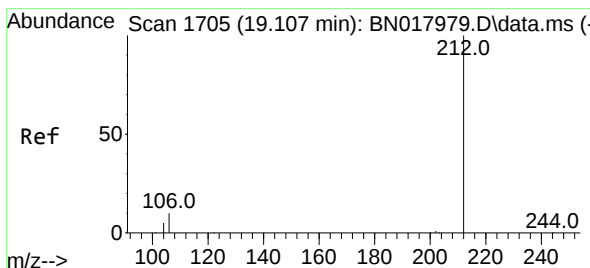
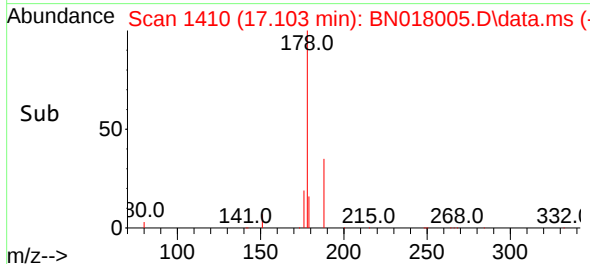
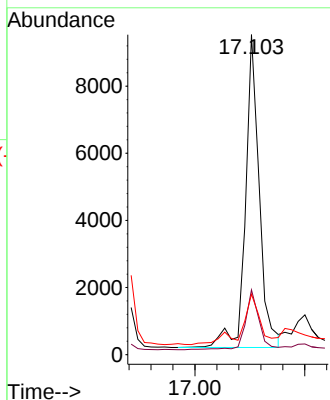
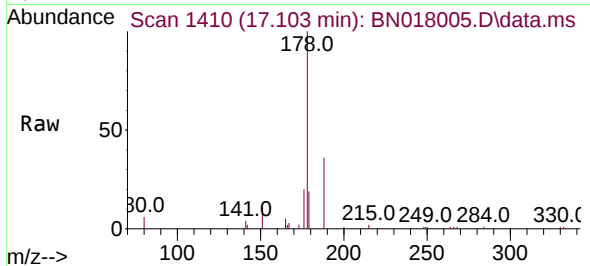




#25
Phenanthrene
Concen: 0.048 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

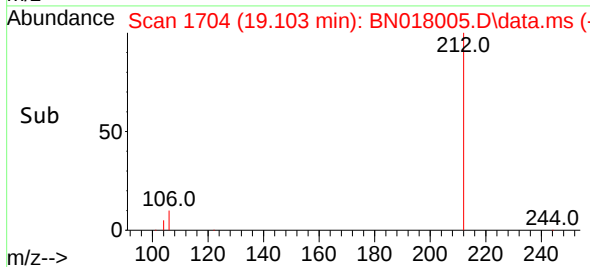
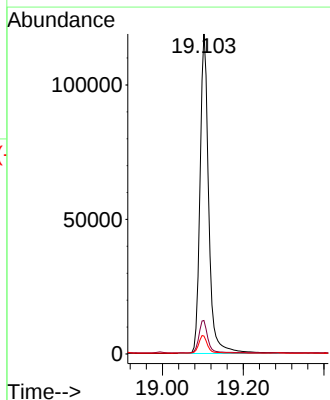
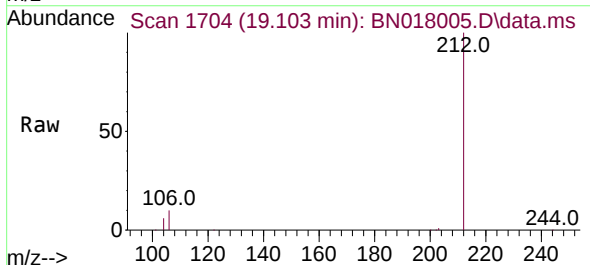
Instrument :
BNA_N
ClientSampleId :
RE137-20211204

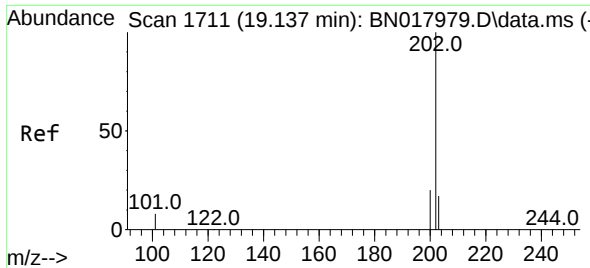
Tgt Ion:178 Resp: 16283
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 20.6 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

Tgt Ion:212 Resp: 178338
Ion Ratio Lower Upper
212 100
106 10.2 8.4 12.6
104 5.7 4.5 6.7

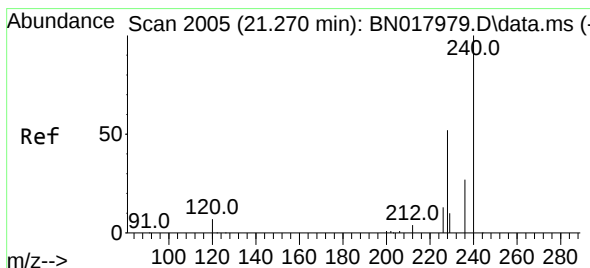
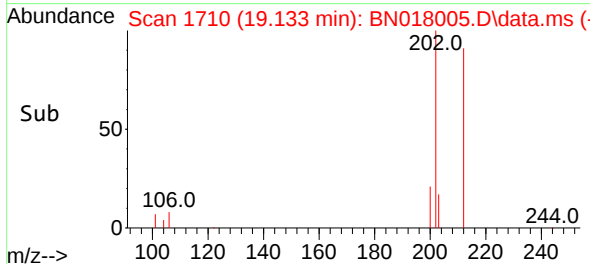
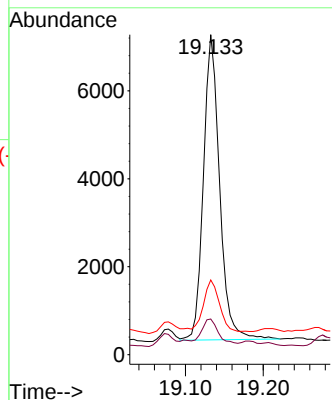
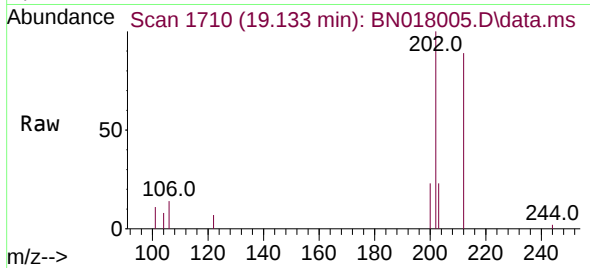




#28
Fluoranthene
Concen: 0.024 ng
RT: 19.133 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

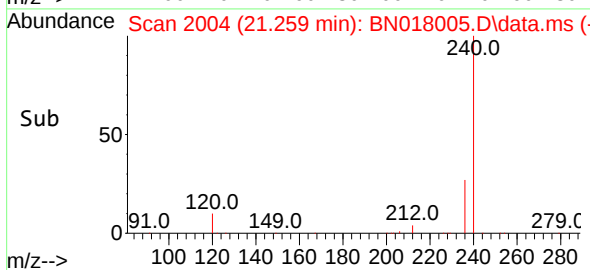
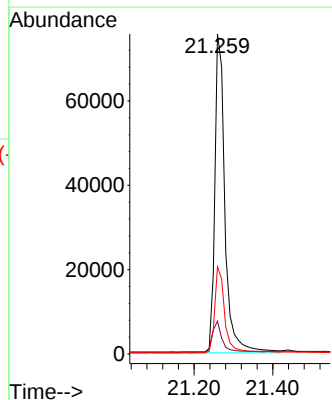
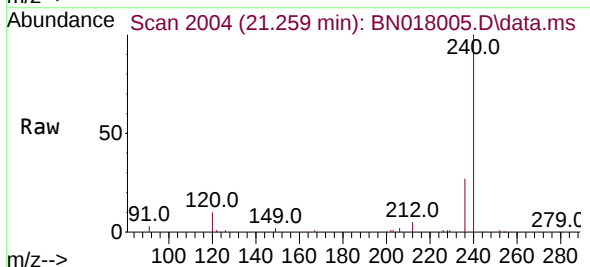
Instrument :
BNA_N
ClientSampleId :
RE137-20211204

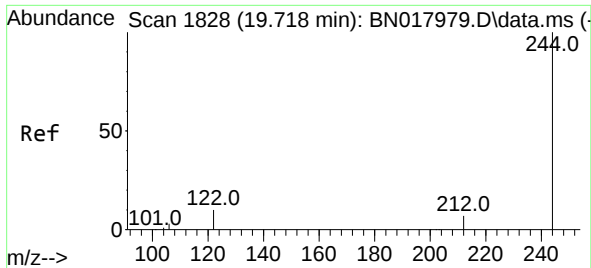
Tgt Ion:202 Resp: 10094
Ion Ratio Lower Upper
202 100
101 8.4 7.2 10.8
203 17.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.010 min
Lab File: BN018005.D
Acq: 14 Dec 2021 15:53

Tgt Ion:240 Resp: 135415
Ion Ratio Lower Upper
240 100
120 10.3 6.0 9.0#
236 27.2 21.4 32.2

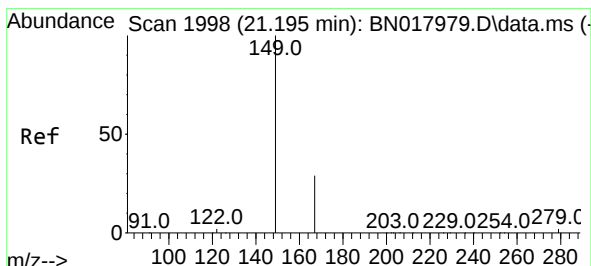
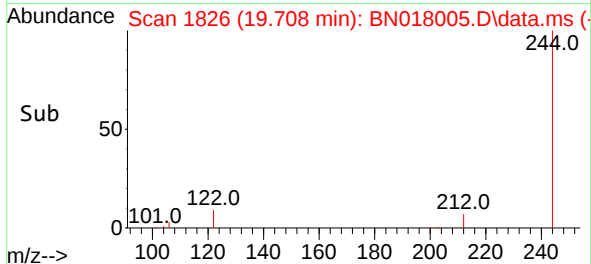
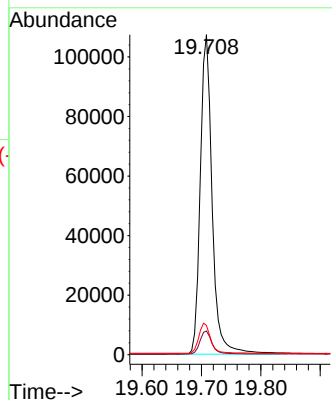
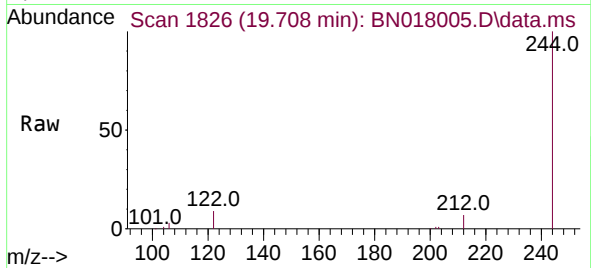




#31
 Terphenyl-d14
 Concen: 0.528 ng
 RT: 19.708 min Scan# 1826
 Delta R.T. -0.010 min
 Lab File: BN018005.D
 Acq: 14 Dec 2021 15:53

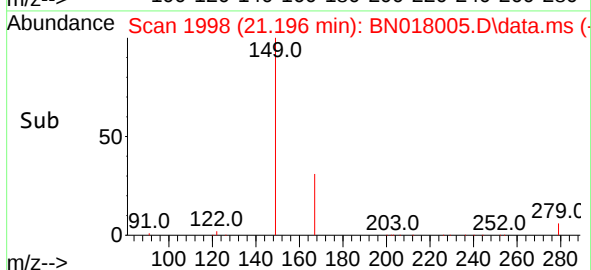
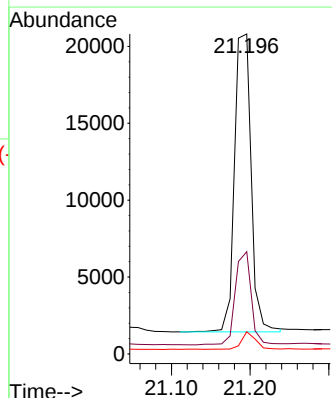
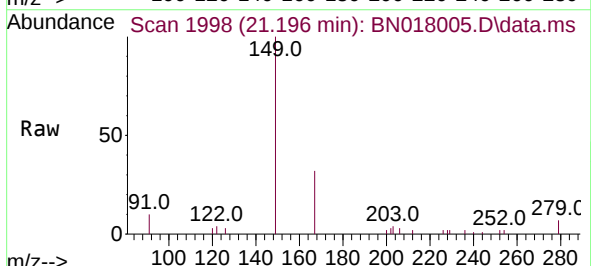
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20211204

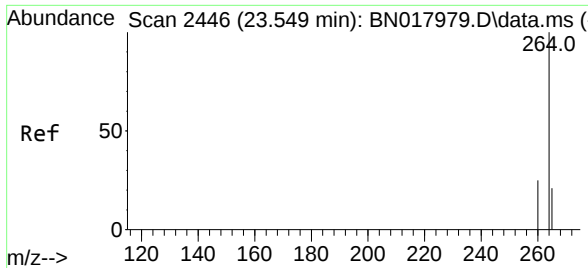
Tgt Ion:244 Resp: 149032
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.2 7.9 11.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.142 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN018005.D
 Acq: 14 Dec 2021 15:53

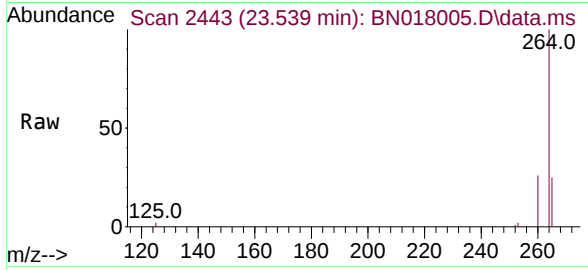
Tgt Ion:149 Resp: 28497
 Ion Ratio Lower Upper
 149 100
 167 30.1 23.7 35.5
 279 5.0 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.539 min Scan# 24
 Delta R.T. -0.010 min
 Lab File: BN018005.D
 Acq: 14 Dec 2021 15:53

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20211204



Tgt Ion:264 Resp: 134177

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.4
265	25.5	18.2	27.2

