

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013257.D
 Acq On : 22 Dec 2020 03:42
 Operator : CG/JU
 Sample : L5123-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20201214

Quant Time: Dec 22 04:22:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 16:11:20 2020
 Response via : Initial Calibration

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

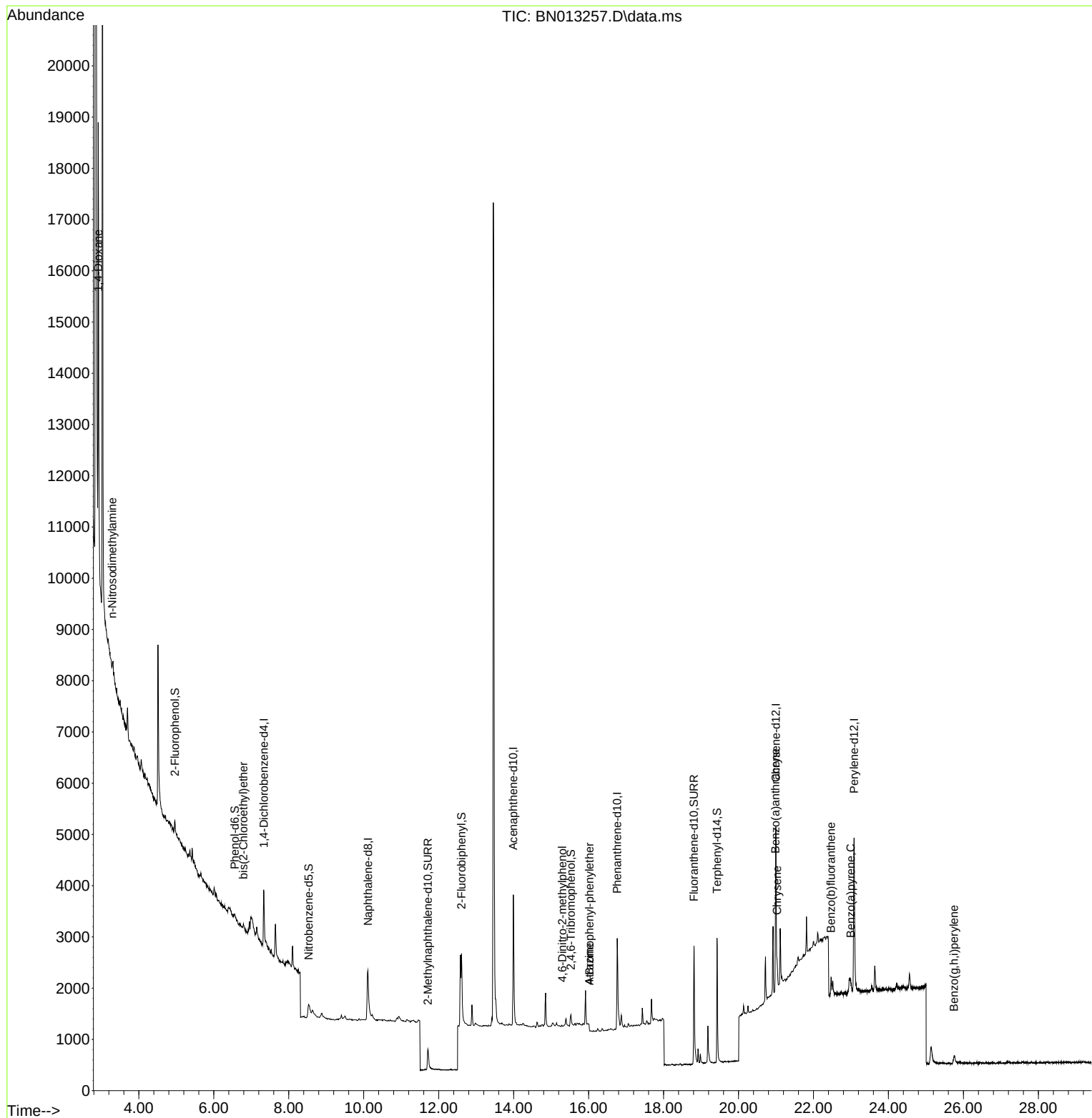
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	723	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2397	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1565	0.40	ng	-0.01
19) Phenanthrene-d10	16.763	188	3120	0.40	ng	#-0.01
29) Chrysene-d12	20.995	240	3647	0.40	ng	#-0.01
36) Perylene-d12	23.082	264	4255	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	256	0.09	ng	0.00
5) Phenol-d6	6.556	99	136	0.05	ng	0.00
8) Nitrobenzene-d5	8.528	82	624	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	11.710	152	936	0.22	ng	-0.01
14) 2,4,6-Tribromophenol	15.526	330	229	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.608	172	1592	0.24	ng	-0.03
27) Fluoranthene-d10	18.811	212	3371	0.33	ng	-0.01
31) Terphenyl-d14	19.426	244	2918	0.32	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	5419	4.30	ng	93
3) n-Nitrosodimethylamine	3.295	42	67	0.03	ng	# 59
6) bis(2-Chloroethyl)ether	6.790	93	87	0.05	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.298	198	3	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	102	0.17	ng	# 69
23) Atrazine	16.021	200	104	0.06	ng	# 1
32) Benzo(a)anthracene	20.984	228	271	0.02	ng	# 57
33) Chrysene	21.027	228	325	0.02	ng	# 65
34) Bis(2-ethylhexyl)phtha...	20.921	149	1282	Below Cal		94
37) Benzo(b)fluoranthene	22.469	252	357	0.02	ng	# 1
39) Benzo(a)pyrene	22.996	252	304	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.748	276	354	0.02	ng	# 19

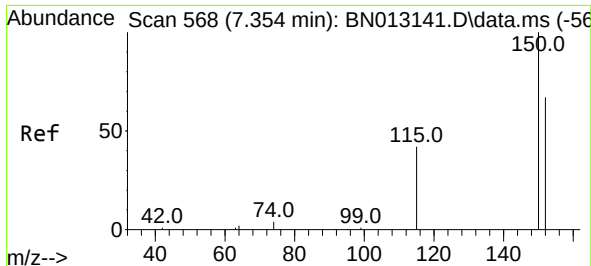
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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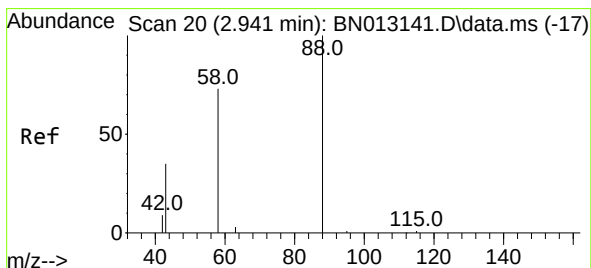
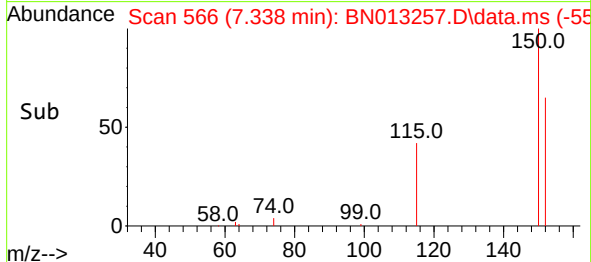
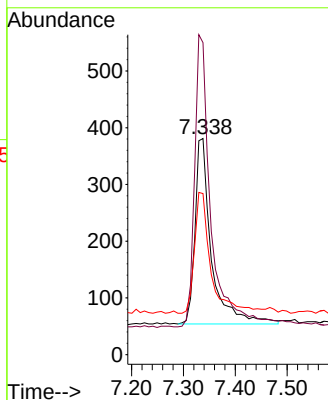
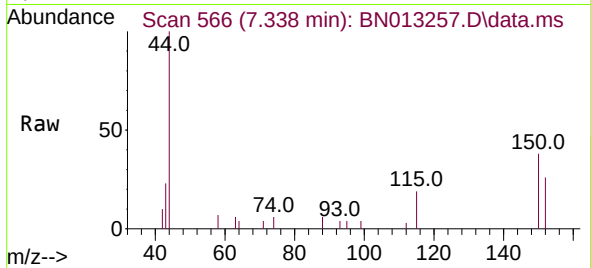




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. -0.008 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

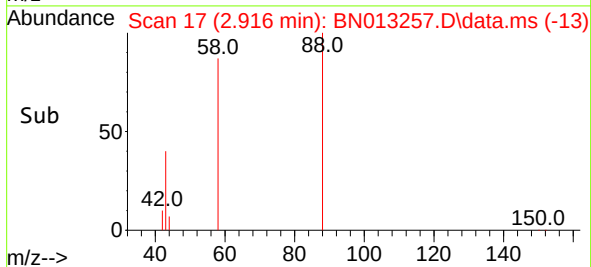
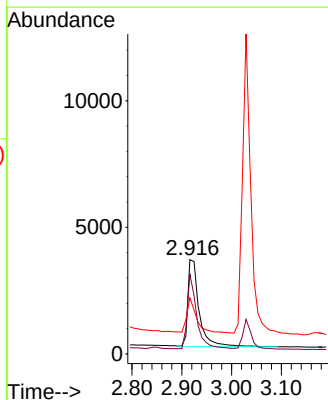
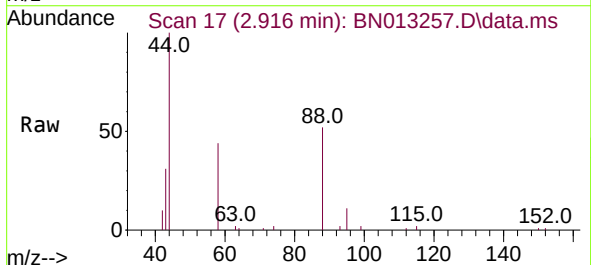
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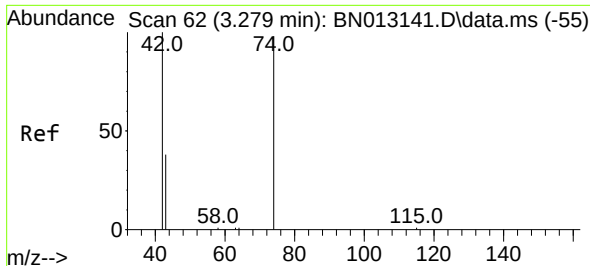
Tgt Ion:152 Resp: 723
Ion Ratio Lower Upper
152 100
150 144.4 116.6 174.8
115 74.5 52.9 79.3



#2
1,4-Dioxane
Concen: 4.30 ng
RT: 2.916 min Scan# 17
Delta R.T. -0.016 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion: 88 Resp: 5419
Ion Ratio Lower Upper
88 100
58 70.5 59.4 89.2
43 33.1 32.3 48.5

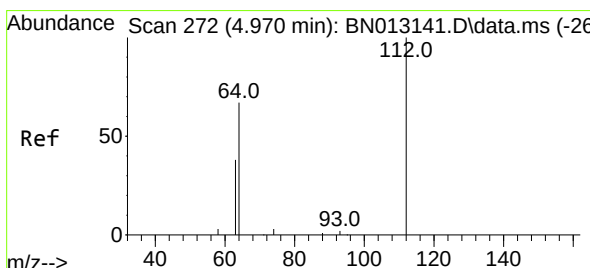
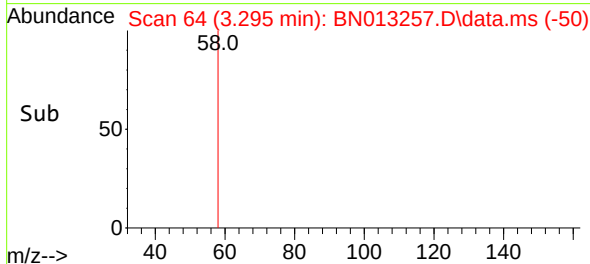
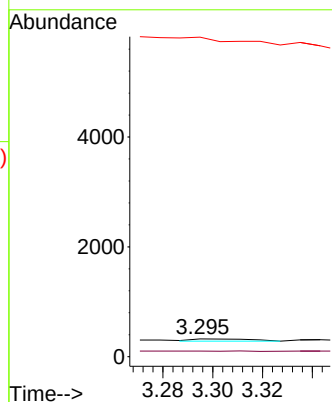
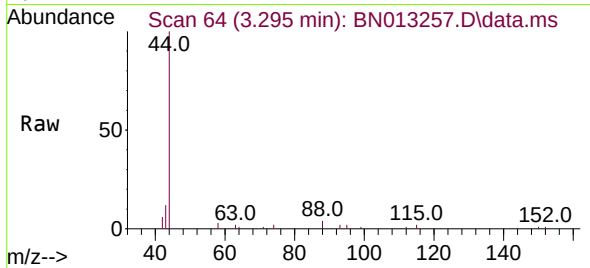




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.295 min Scan# 64
Delta R.T. 0.016 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

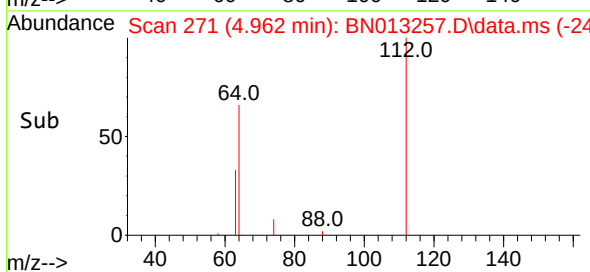
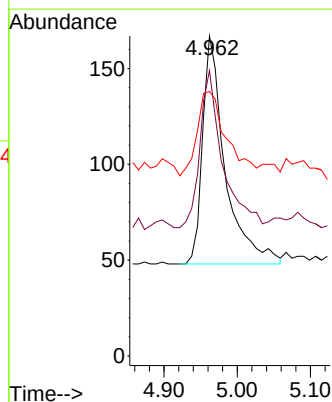
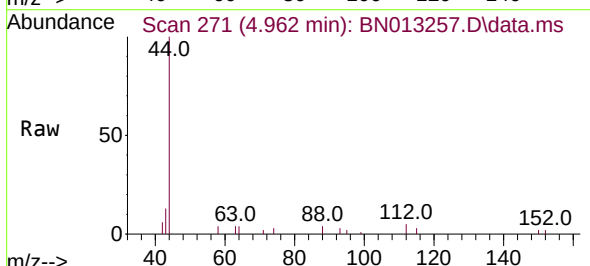
Instrument :
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ClientSampleId :
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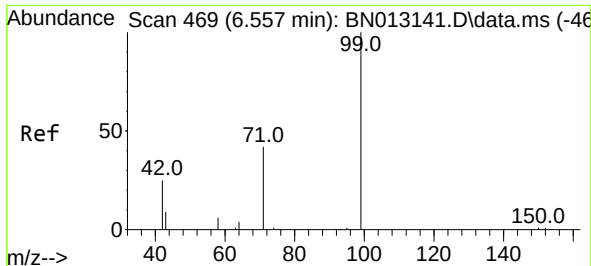
Tgt Ion: 42 Resp: 67
Ion Ratio Lower Upper
42 100
74 43.3 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.962 min Scan# 271
Delta R.T. -0.000 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion: 112 Resp: 256
Ion Ratio Lower Upper
112 100
64 69.5 49.5 74.3
63 48.4 32.0 48.0#

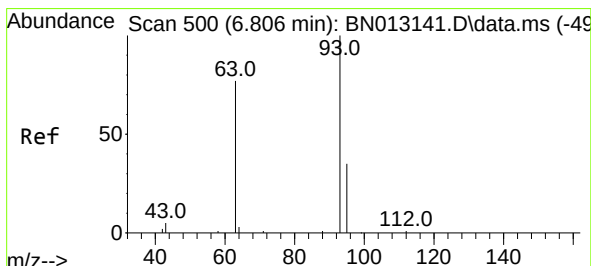
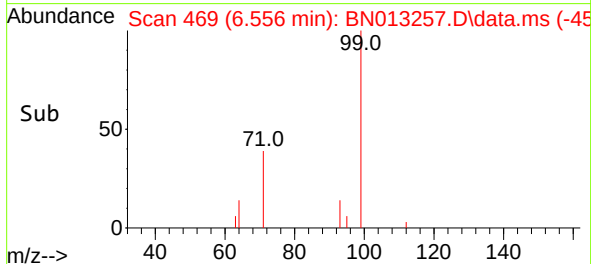
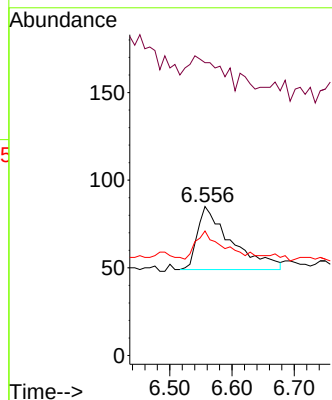
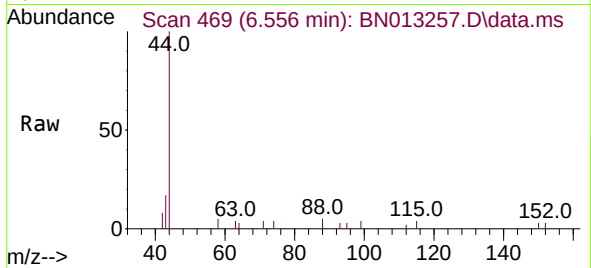




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.556 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

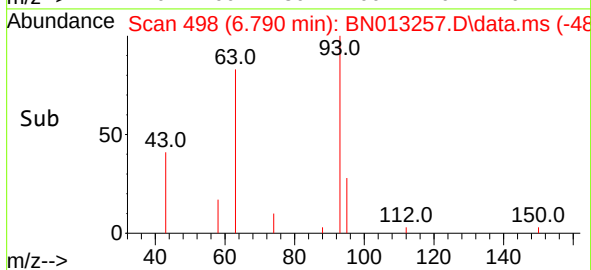
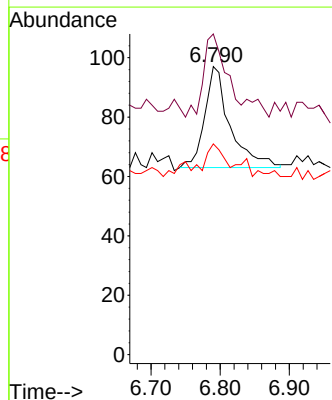
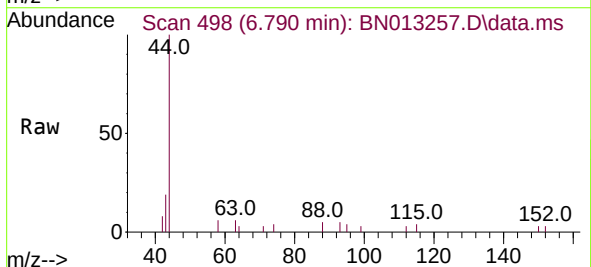
Instrument :
BNA_N
ClientSampleId :
TT180D2-20201214

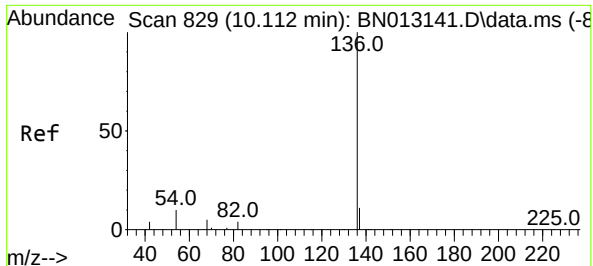
Tgt Ion: 99 Resp: 136
Ion Ratio Lower Upper
99 100
42 52.2 22.4 33.6#
71 36.0 37.8 56.6#



#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 6.790 min Scan# 498
Delta R.T. -0.008 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion: 93 Resp: 87
Ion Ratio Lower Upper
93 100
63 72.4 63.1 94.7
95 18.4 26.1 39.1#

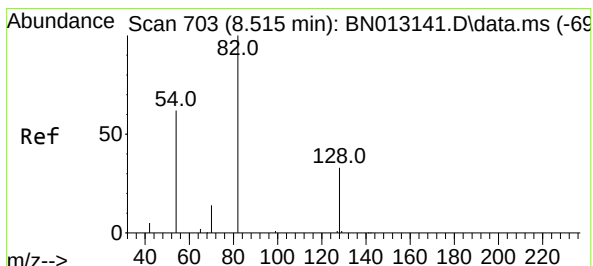
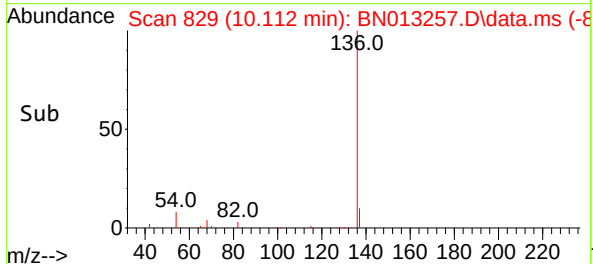
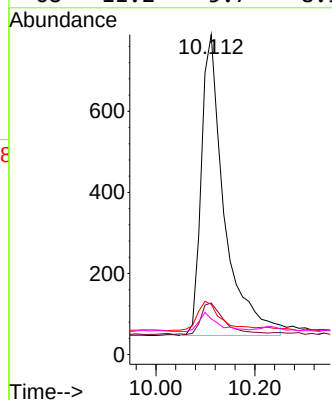
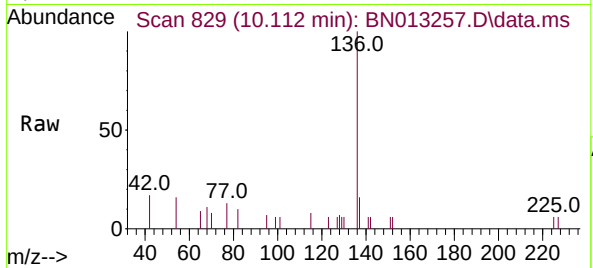




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. -0.000 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

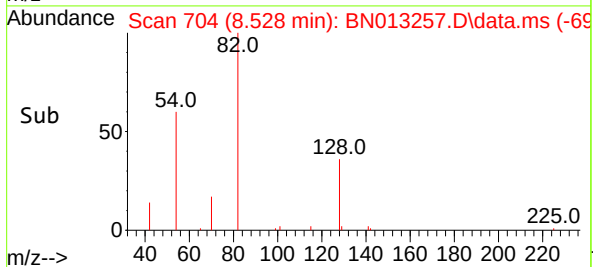
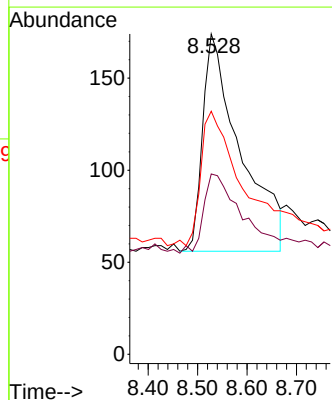
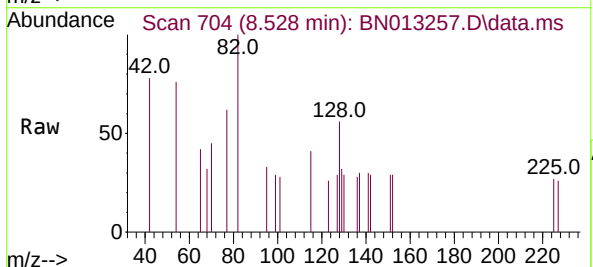
Instrument :
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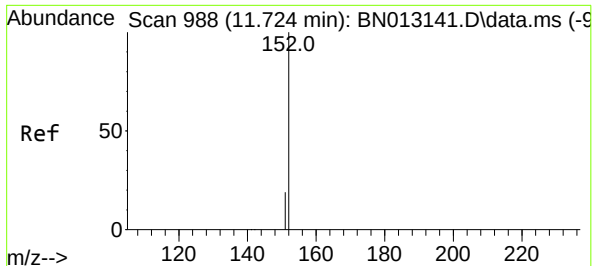
Tgt Ion:	136	Resp:	2397
Ion Ratio	Lower	Upper	
136	100		
137	16.1	10.6	15.8#
54	15.7	8.6	12.8#
68	11.2	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.528 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion:	82	Resp:	624
Ion Ratio	Lower	Upper	
82	100		
128	56.3	30.6	46.0#
54	75.9	48.3	72.5#

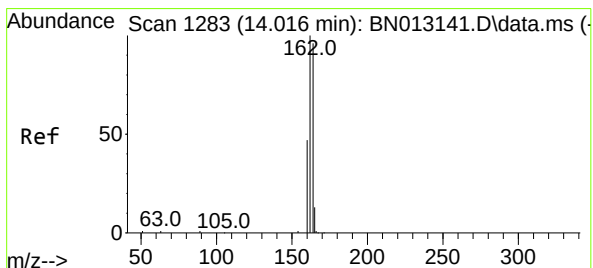
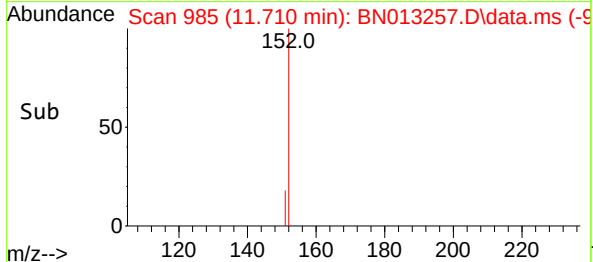
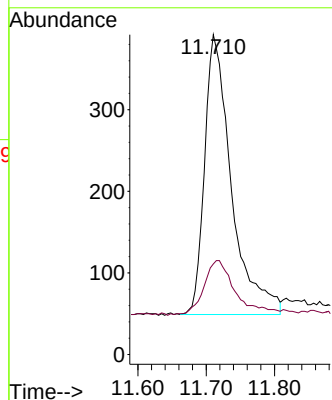
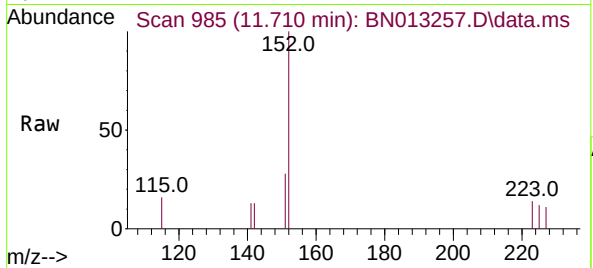




#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.710 min Scan# 985
Delta R.T. -0.014 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

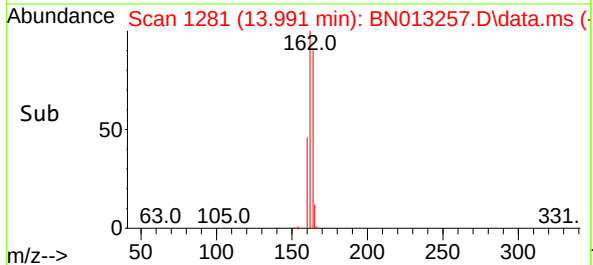
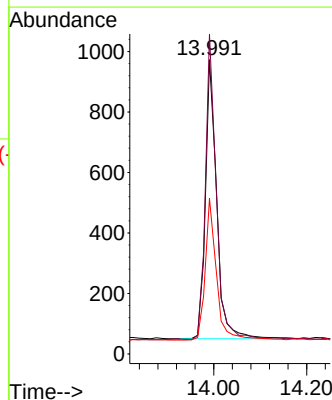
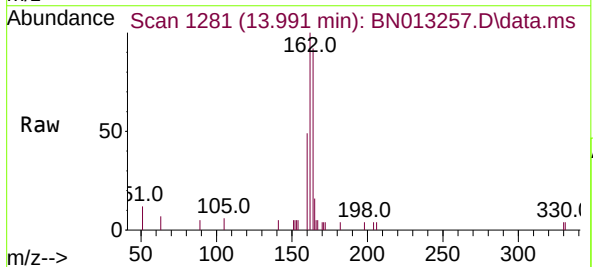
Instrument :
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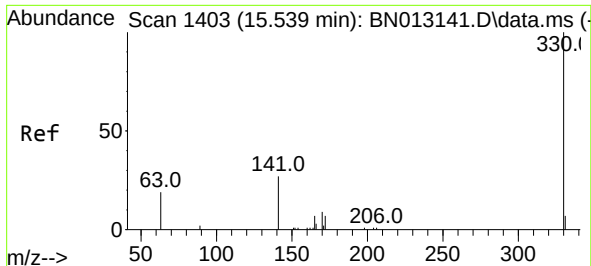
Tgt Ion:152 Resp: 936
Ion Ratio Lower Upper
152 100
151 23.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion:164 Resp: 1565
Ion Ratio Lower Upper
164 100
162 108.7 80.6 120.8
160 52.8 39.5 59.3

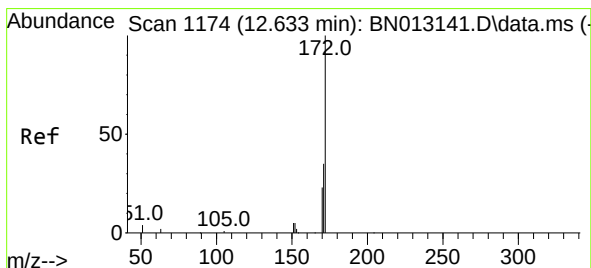
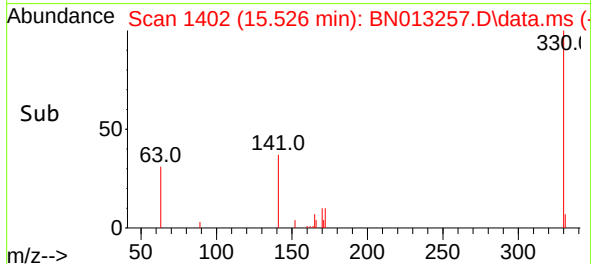
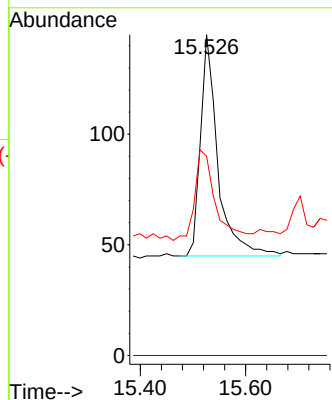
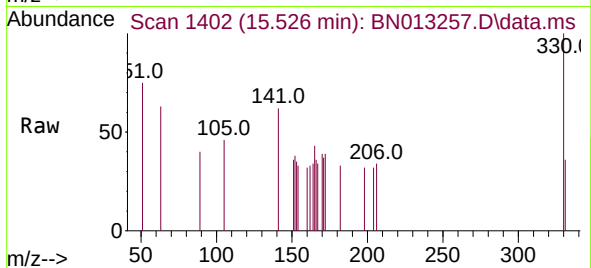




#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

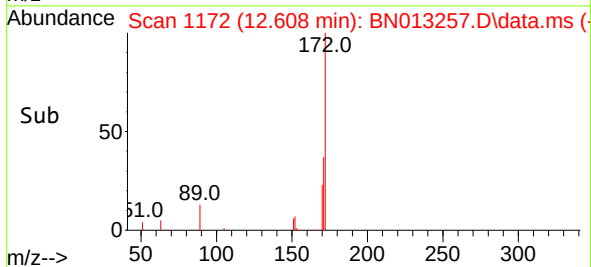
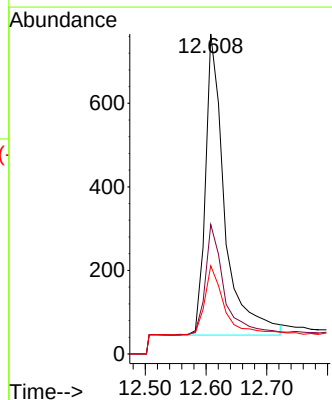
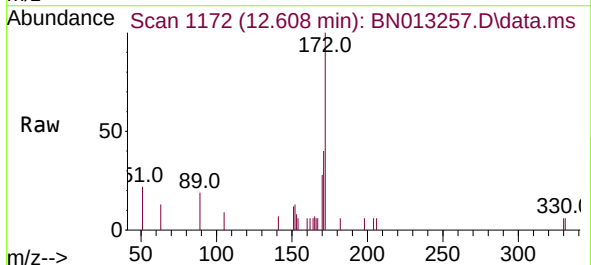
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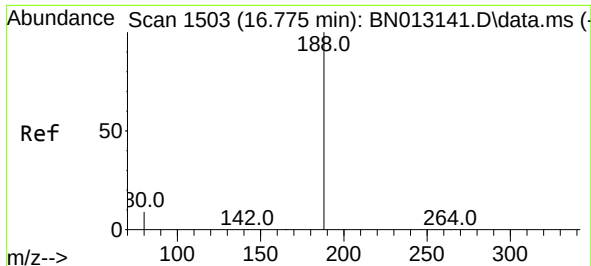
Tgt Ion:330 Resp: 229
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.0 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.026 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion:172 Resp: 1592
Ion Ratio Lower Upper
172 100
171 40.5 28.2 42.4
170 27.5 20.0 30.0

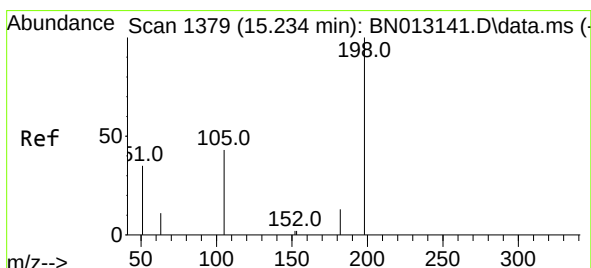
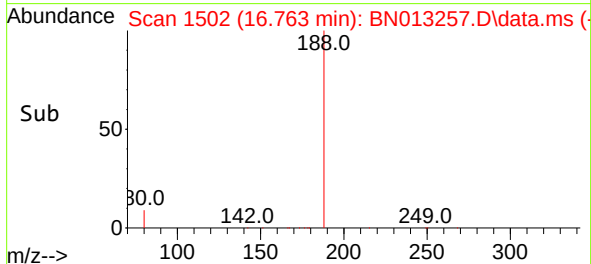
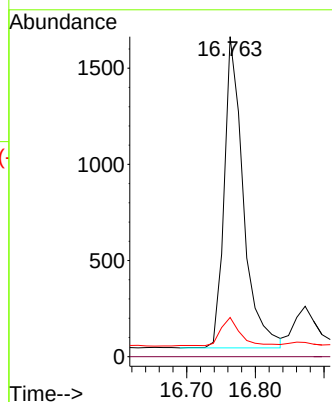
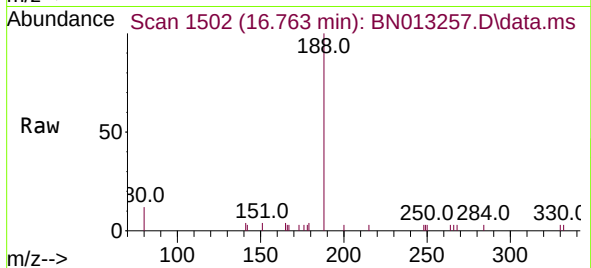




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

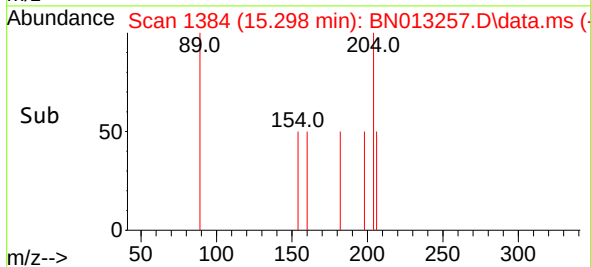
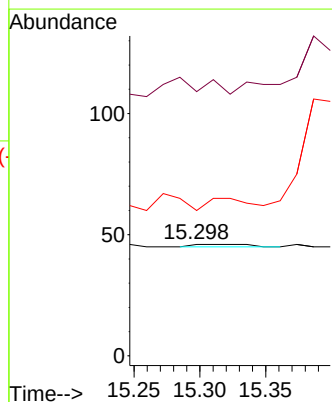
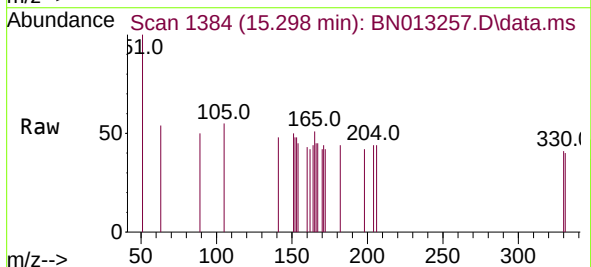
Instrument :
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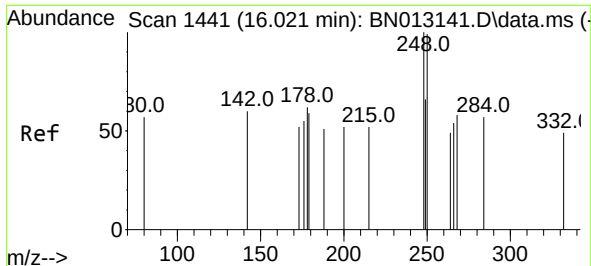
Tgt Ion:188 Resp: 3120
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 5.0 7.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.298 min Scan# 1384
Delta R.T. 0.038 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 237.0 43.5 65.3#
105 130.4 27.2 40.8#

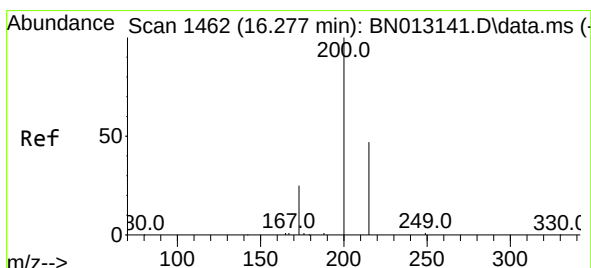
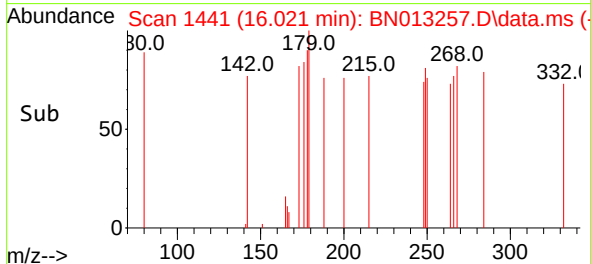
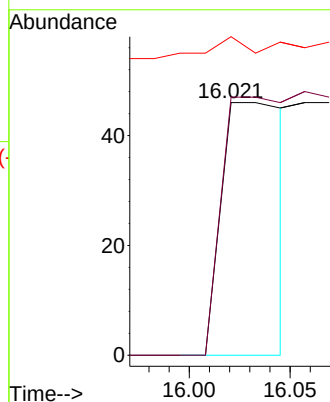
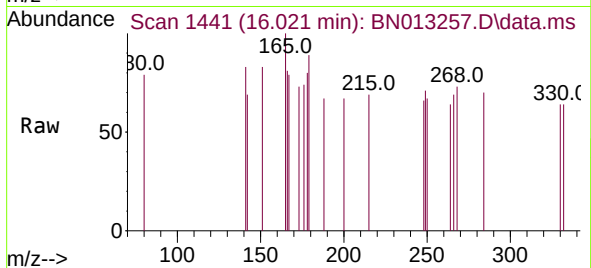




#21
4-Bromophenyl-phenylether
Concen: 0.17 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

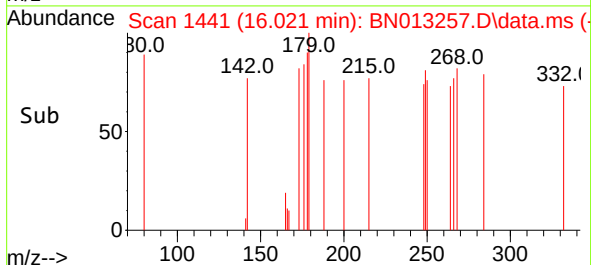
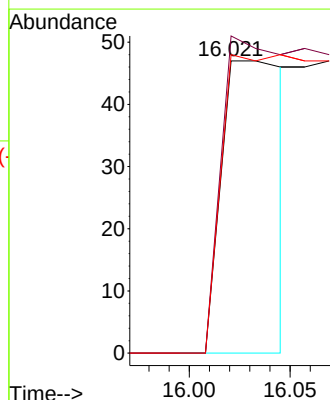
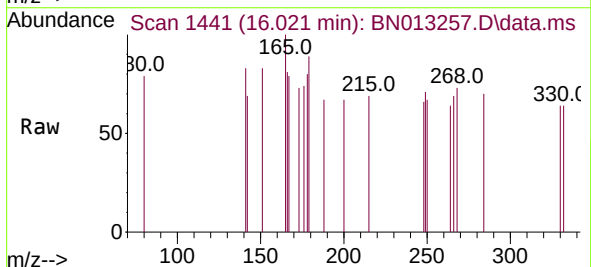
Instrument :
BNA_N
ClientSampleId :
TT180D2-20201214

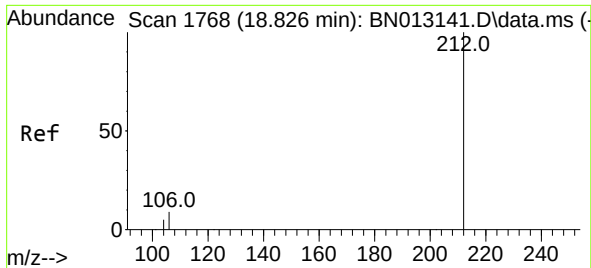
Tgt Ion:248 Resp: 102
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 126.1 57.8 86.8#



#23
Atrazine
Concen: 0.06 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.256 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion:200 Resp: 104
Ion Ratio Lower Upper
200 100
173 108.5 22.8 34.2#
215 102.1 38.1 57.1#

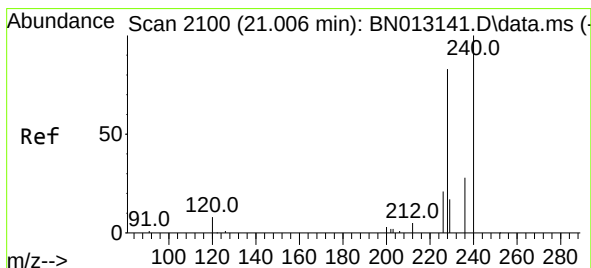
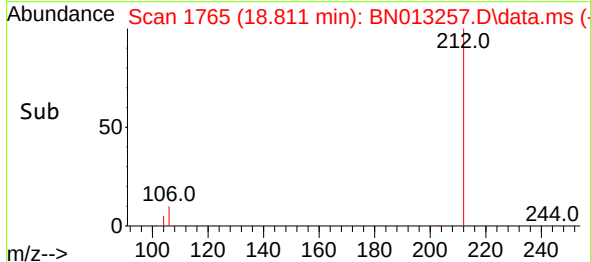
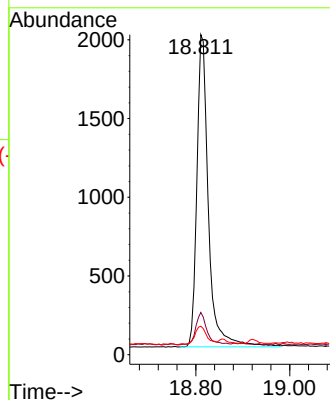
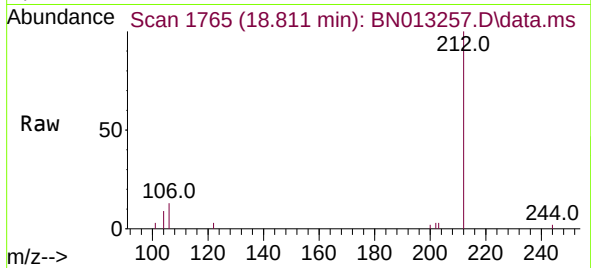




#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.811 min Scan# 1765
Delta R.T. -0.010 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

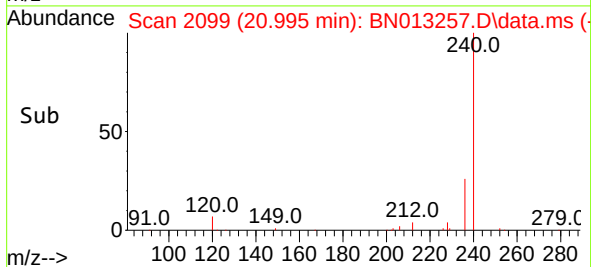
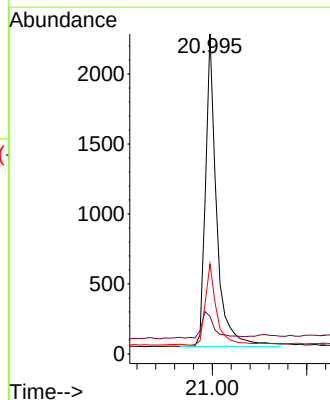
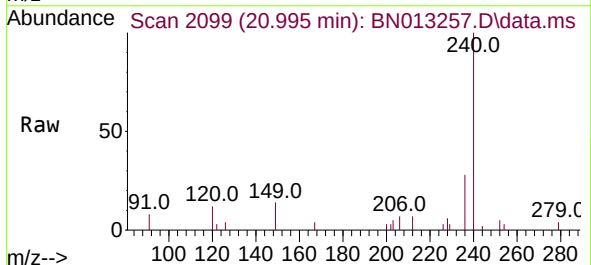
Instrument :
BNA_N
ClientSampleId :
TT180D2-20201214

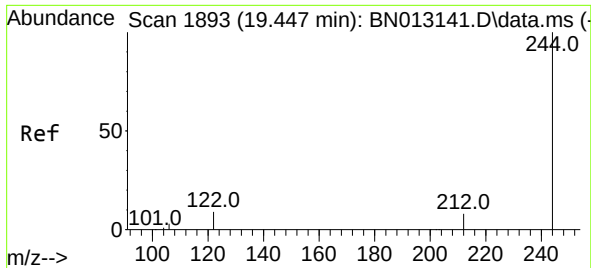
Tgt Ion:212 Resp: 3371
Ion Ratio Lower Upper
212 100
106 10.2 6.8 10.2#
104 5.7 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion:240 Resp: 3647
Ion Ratio Lower Upper
240 100
120 11.7 5.3 7.9#
236 28.1 21.8 32.8

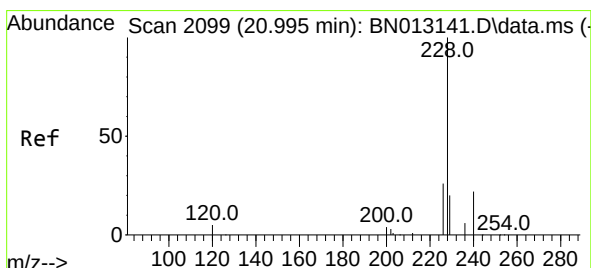
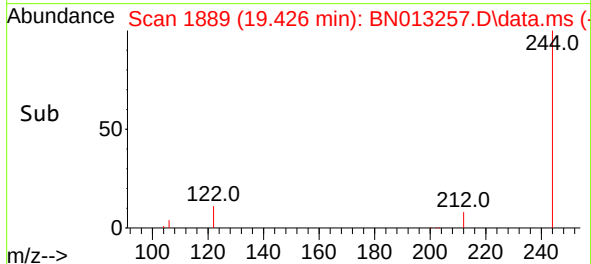
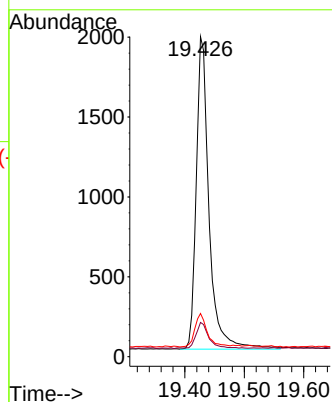
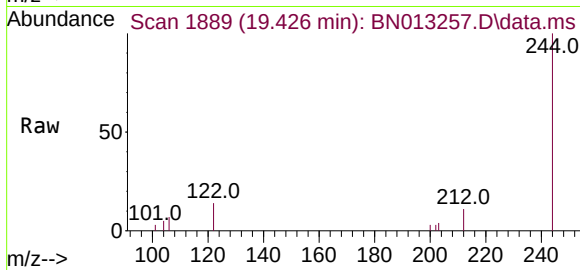




#31
Terphenyl-d14
Concen: 0.32 ng
RT: 19.426 min Scan# 1889
Delta R.T. -0.020 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

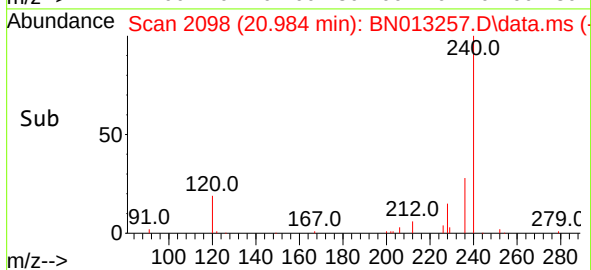
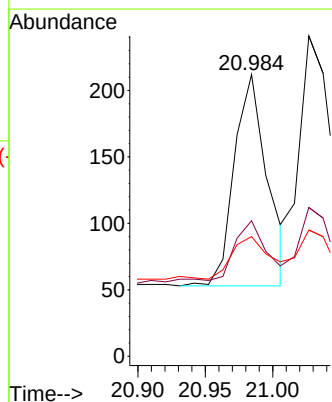
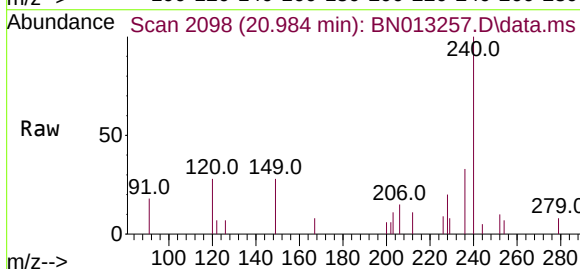
Instrument :
BNA_N
ClientSampleId :
TT180D2-20201214

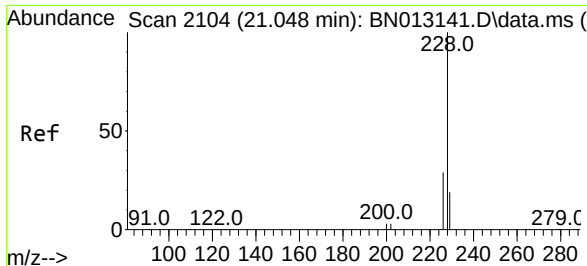
Tgt Ion:244 Resp: 2918
Ion Ratio Lower Upper
244 100
212 10.7 7.3 10.9
122 13.5 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 20.984 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BN013257.D
Acq: 22 Dec 2020 03:42

Tgt Ion:228 Resp: 271
Ion Ratio Lower Upper
228 100
226 48.1 22.3 33.5#
229 42.5 15.7 23.5#

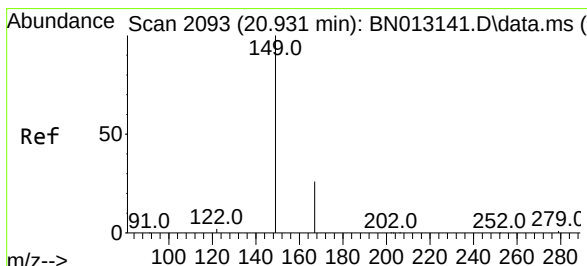
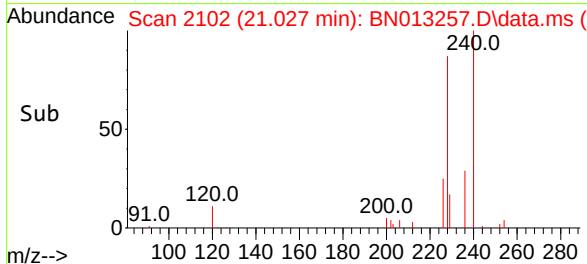
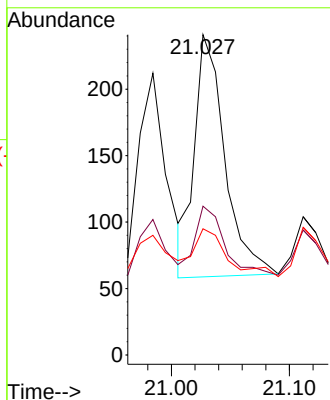
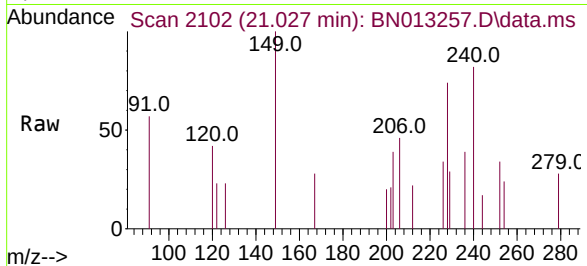




#33
 Chrysene
 Concen: 0.02 ng
 RT: 21.027 min Scan# 2102
 Delta R.T. -0.011 min
 Lab File: BN013257.D
 Acq: 22 Dec 2020 03:42

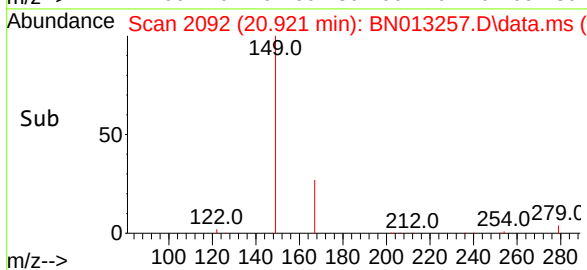
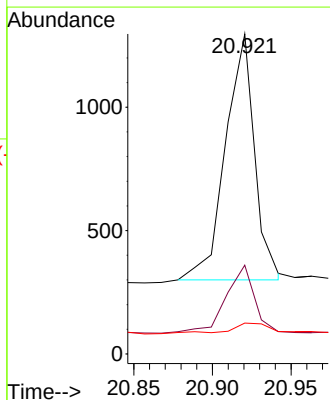
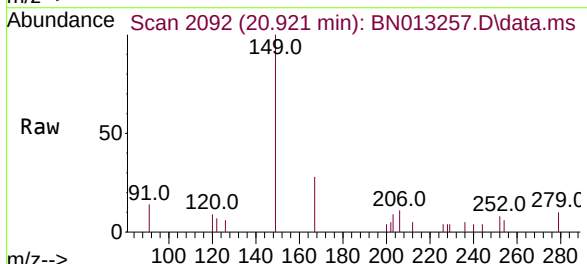
Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20201214

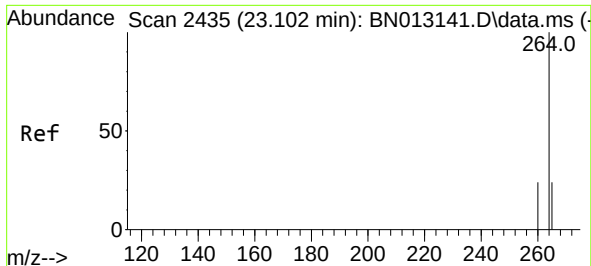
Tgt Ion:228 Resp: 325
 Ion Ratio Lower Upper
 228 100
 226 46.5 24.2 36.2#
 229 39.4 15.7 23.5#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 20.921 min Scan# 2092
 Delta R.T. -0.000 min
 Lab File: BN013257.D
 Acq: 22 Dec 2020 03:42

Tgt Ion:149 Resp: 1282
 Ion Ratio Lower Upper
 149 100
 167 25.4 23.2 34.8
 279 4.2 3.9 5.9

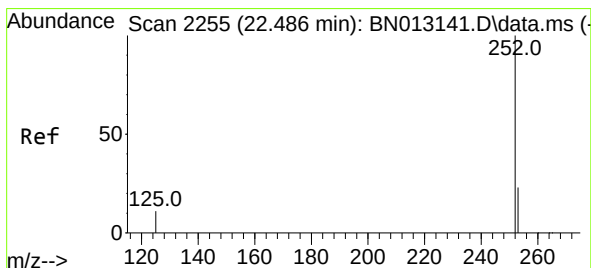
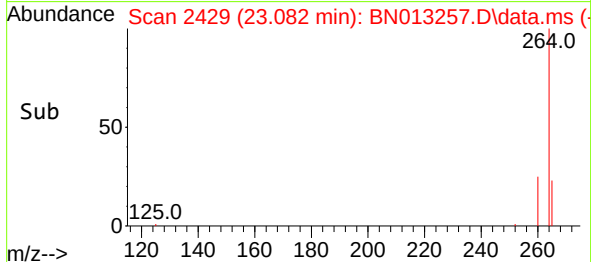
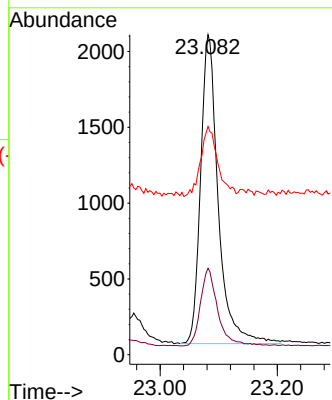
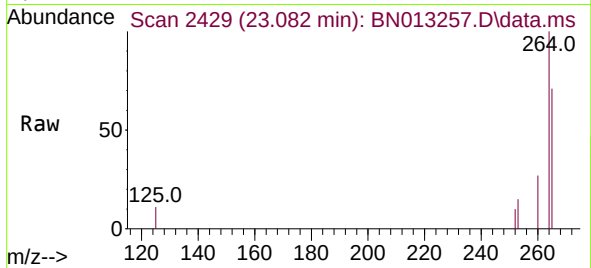




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.082 min Scan# 2429
 Delta R.T. -0.014 min
 Lab File: BN013257.D
 Acq: 22 Dec 2020 03:42

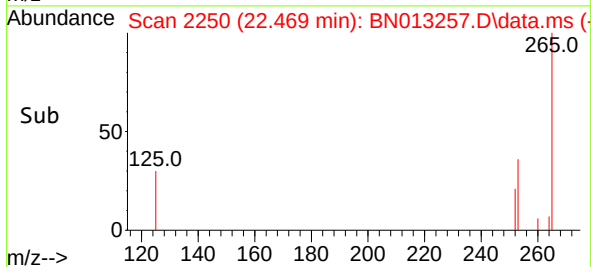
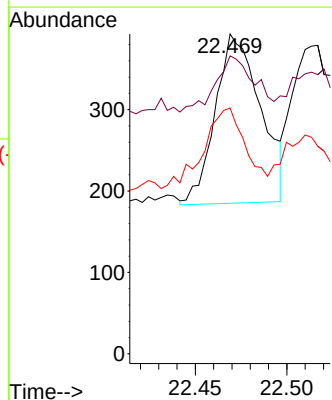
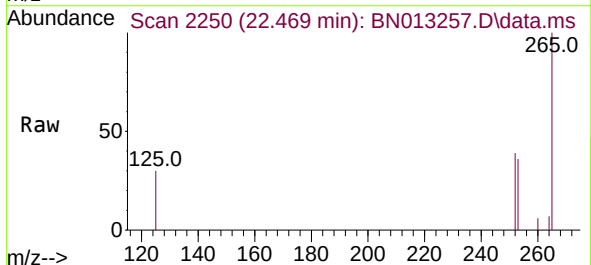
Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20201214

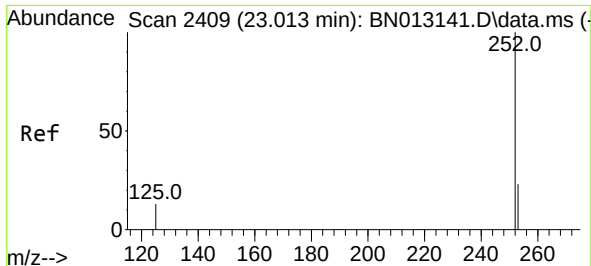
Tgt Ion:264 Resp: 4255
 Ion Ratio Lower Upper
 264 100
 260 27.0 19.8 29.6
 265 71.3 51.4 77.0



#37
 Benzo(b)fluoranthene
 Concen: 0.02 ng
 RT: 22.469 min Scan# 2250
 Delta R.T. -0.010 min
 Lab File: BN013257.D
 Acq: 22 Dec 2020 03:42

Tgt Ion:252 Resp: 357
 Ion Ratio Lower Upper
 252 100
 253 93.1 20.1 30.1#
 125 76.8 7.2 10.8#





#39

Benzo(a)pyrene

Concen: 0.02 ng

RT: 22.996 min Scan# 2404

Delta R.T. -0.011 min

Lab File: BN013257.D

Acq: 22 Dec 2020 03:42

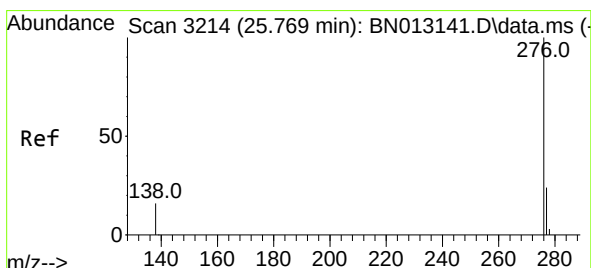
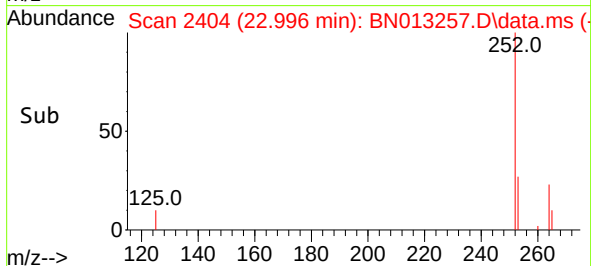
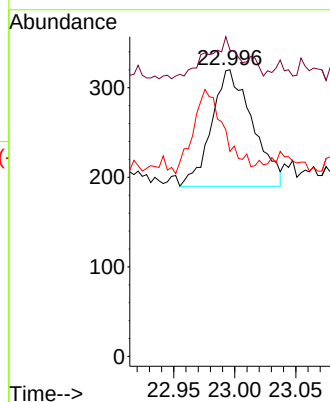
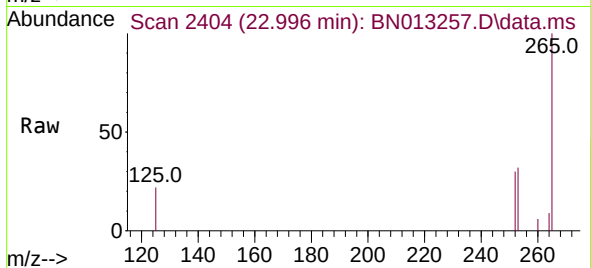
Tgt Ion:252 Resp: 304

Ion Ratio Lower Upper

252 100

253 106.9 21.3 31.9#

125 71.6 8.3 12.5#



#41

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 25.748 min Scan# 3208

Delta R.T. -0.000 min

Lab File: BN013257.D

Acq: 22 Dec 2020 03:42

Tgt Ion:276 Resp: 354

Ion Ratio Lower Upper

276 100

277 63.9 19.8 29.8#

138 50.3 11.7 17.5#

