

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN017988.D
 Acq On : 14 Dec 2021 03:48
 Operator : CG/JU
 Sample : M4930-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-1

Quant Time: Dec 14 04:39:44 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)

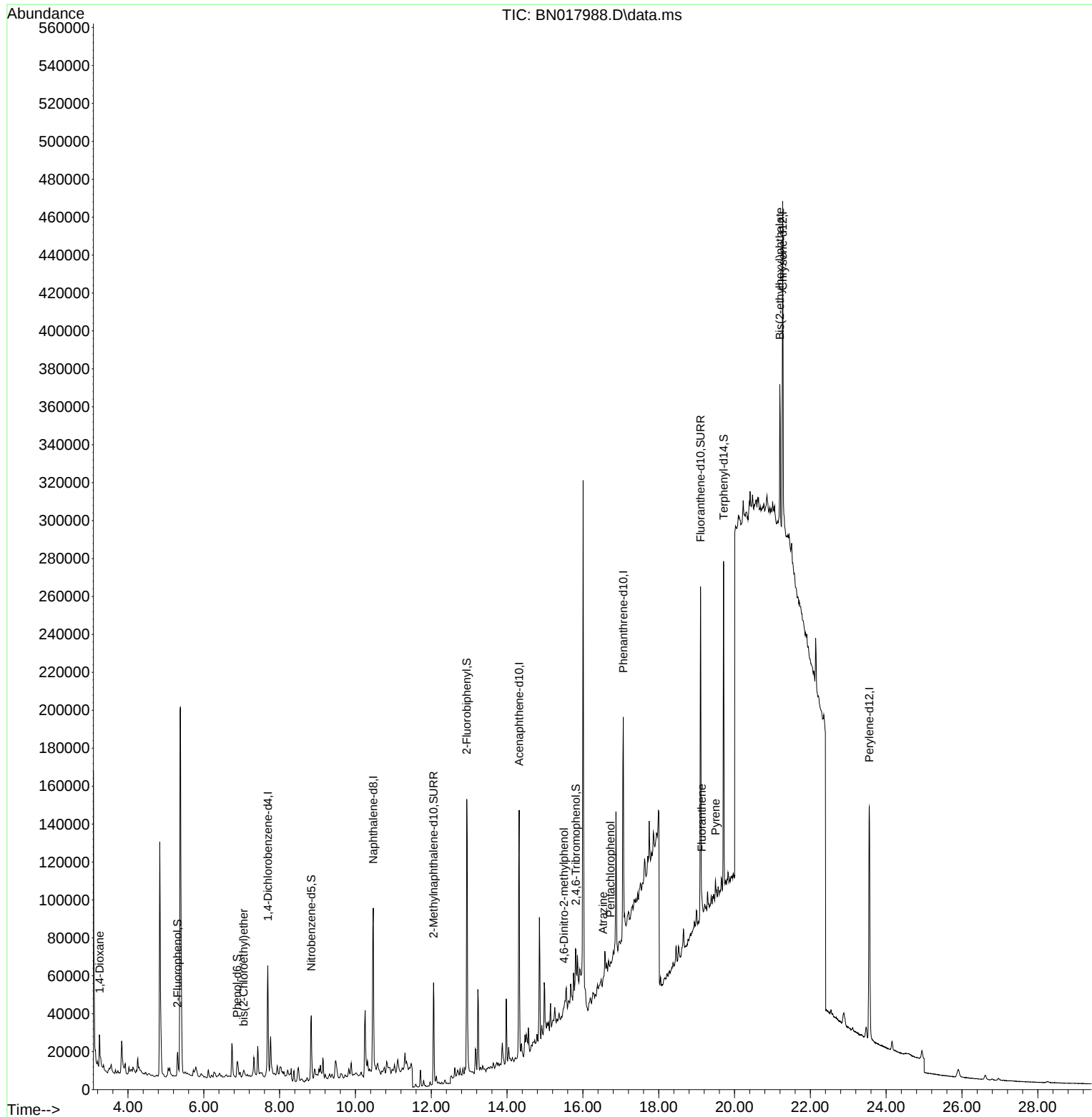
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	31643	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	128478	0.400	ng	0.00
13) Acenaphthene-d10	14.320	164	85686	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	170893	0.400	ng	# 0.00
29) Chrysene-d12	21.270	240	171573	0.400	ng	# 0.00
35) Perylene-d12	23.556	264	171177	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	13163	0.192	ng	0.02
5) Phenol-d6	6.877	99	8300	0.121	ng	0.00
8) Nitrobenzene-d5	8.835	82	34501	0.378	ng	0.00
11) 2-Methylnaphthalene-d10	12.061	152	76507	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	24649	0.644	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	142757	0.478	ng	-0.01
27) Fluoranthene-d10	19.103	212	217561	0.381	ng	0.00
31) Terphenyl-d14	19.713	244	185521	0.519	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.253	88	10015	0.508	ng	# 62
6) bis(2-Chloroethyl)ether	7.052	93	5620	0.069	ng	# 22
20) 4,6-Dinitro-2-methylph...	15.500	198	643	0.241	ng	# 1
23) Atrazine	16.531	200	744	0.089	ng	# 1
24) Pentachlorophenol	16.726	266	1163	0.278	ng	95
28) Fluoranthene	19.137	202	11998	0.022	ng	# 84
30) Pyrene	19.500	202	12635	0.022	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.196	149	69292	0.273	ng	# 91

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

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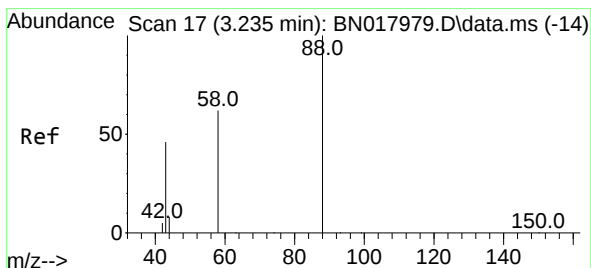
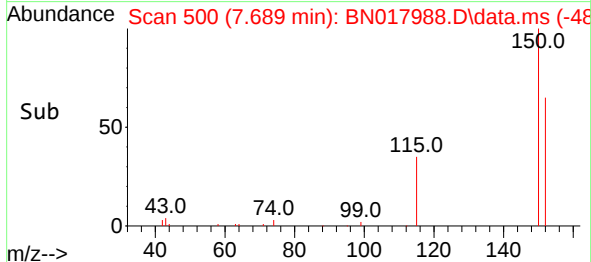
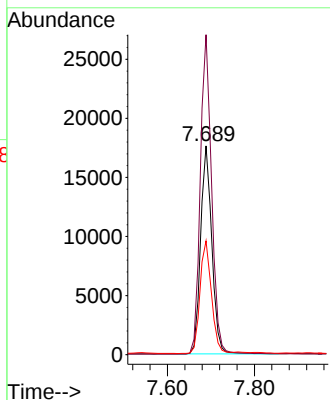
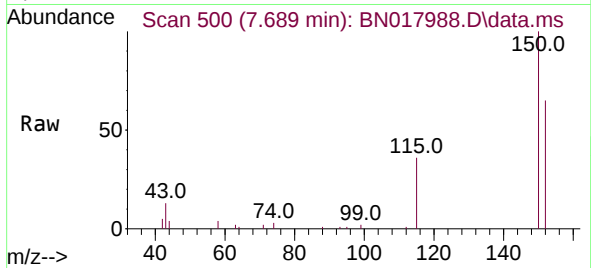




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 50
 Delta R.T. 0.001 min
 Lab File: BN017988.D
 Acq: 14 Dec 2021 03:48

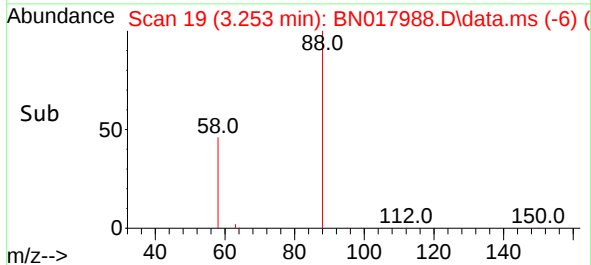
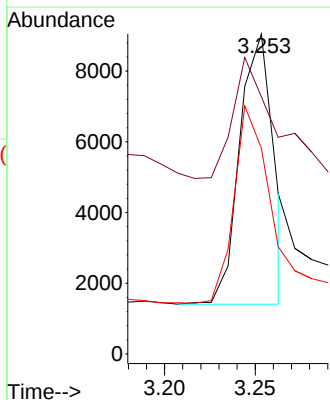
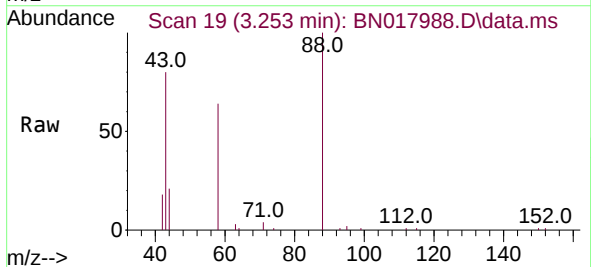
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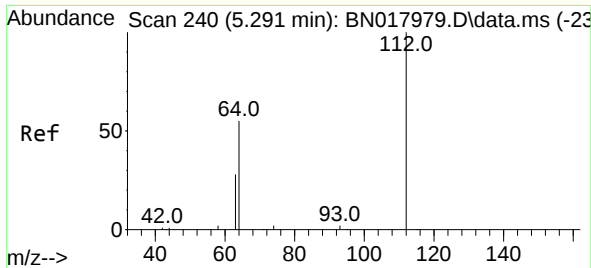
Tgt Ion:152 Resp: 31643
 Ion Ratio Lower Upper
 152 100
 150 153.3 121.7 182.5
 115 54.5 43.8 65.8



#2
 1,4-Dioxane
 Concen: 0.508 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.019 min
 Lab File: BN017988.D
 Acq: 14 Dec 2021 03:48

Tgt Ion: 88 Resp: 10015
 Ion Ratio Lower Upper
 88 100
 43 44.7 69.7 104.5#
 58 72.7 83.8 125.8#

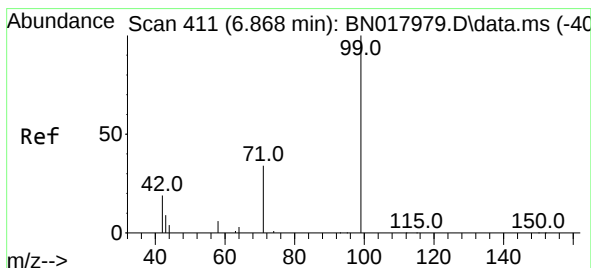
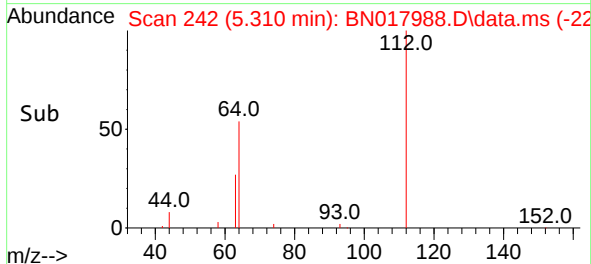
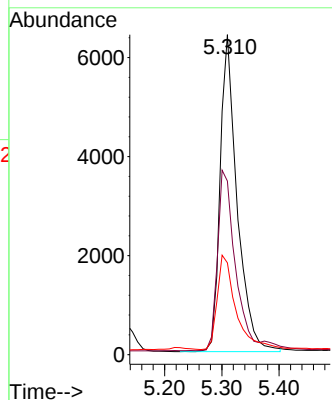
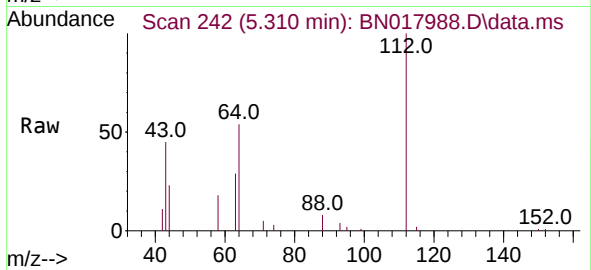




#4
2-Fluorophenol
Concen: 0.192 ng
RT: 5.310 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

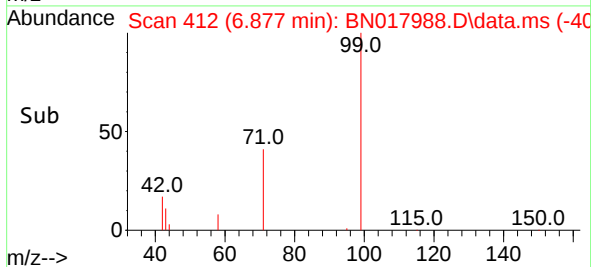
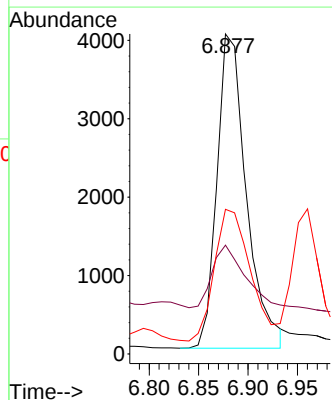
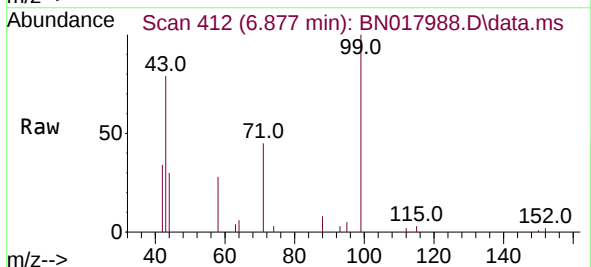
Instrument :
BNA_N
ClientSampleId :
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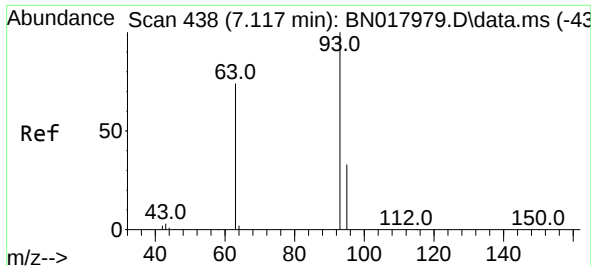
Tgt Ion:112 Resp: 13163
Ion Ratio Lower Upper
112 100
64 61.4 48.0 72.0
63 32.9 25.3 37.9



#5
Phenol-d6
Concen: 0.121 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.010 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

Tgt Ion: 99 Resp: 8300
Ion Ratio Lower Upper
99 100
42 21.8 16.3 24.5
71 50.5 26.8 40.2#

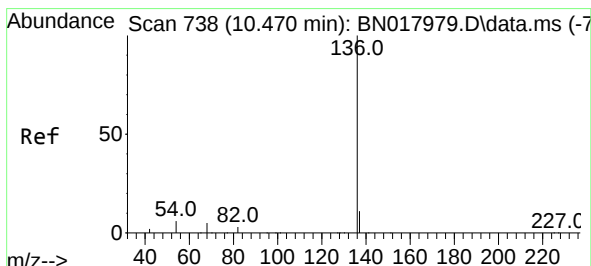
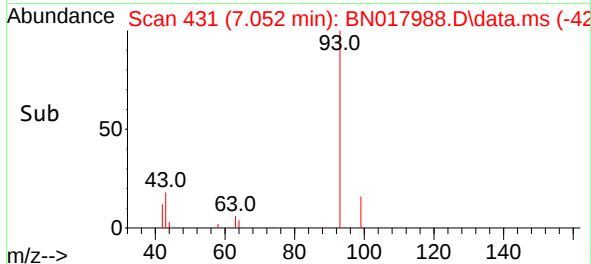
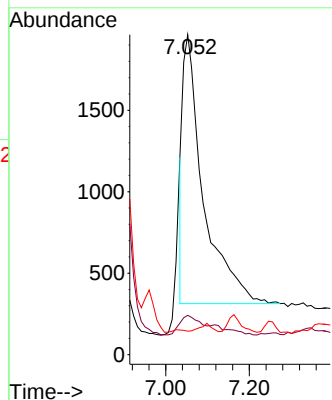
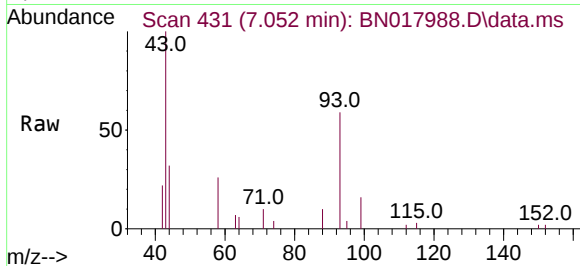




#6
bis(2-Chloroethyl)ether
Concen: 0.069 ng
RT: 7.052 min Scan# 41
Delta R.T. -0.064 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

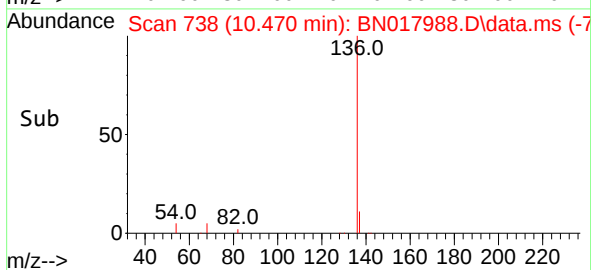
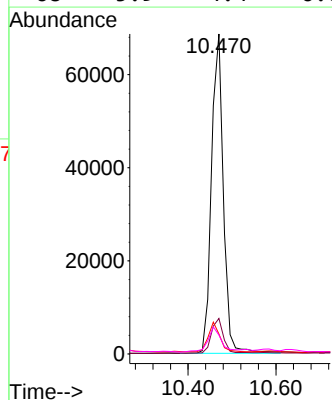
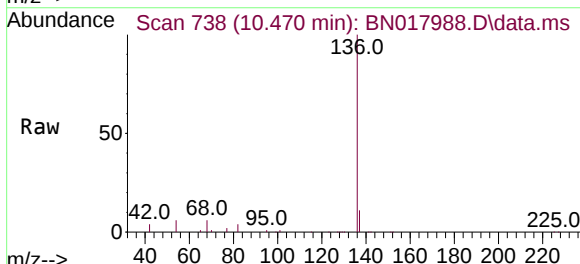
Instrument :
BNA_N
ClientSampleId :
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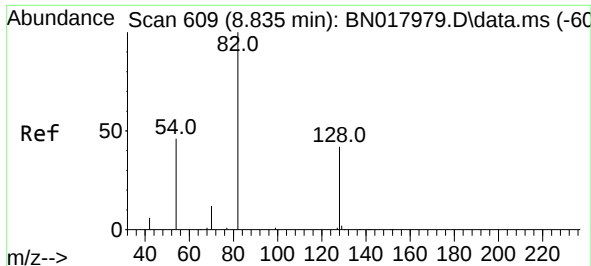
Tgt Ion: 93 Resp: 5620
Ion Ratio Lower Upper
93 100
63 2.3 61.7 92.5#
95 0.0 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

Tgt Ion: 136 Resp: 128478
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.2 5.0 7.6
68 5.9 4.4 6.6

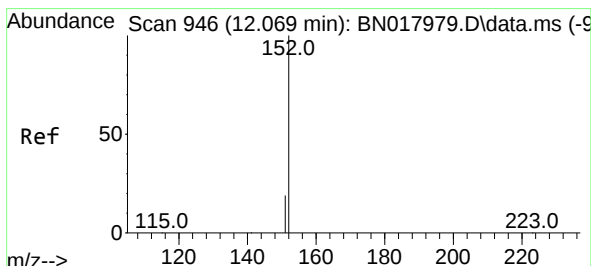
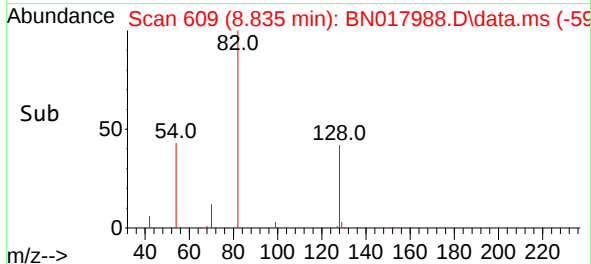
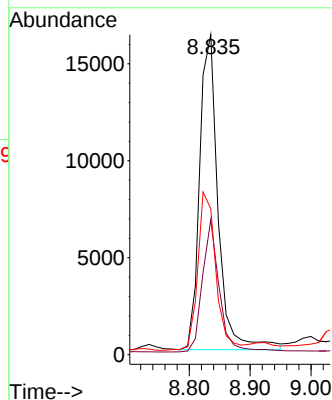
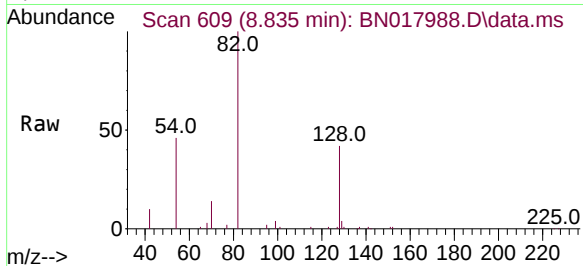




#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

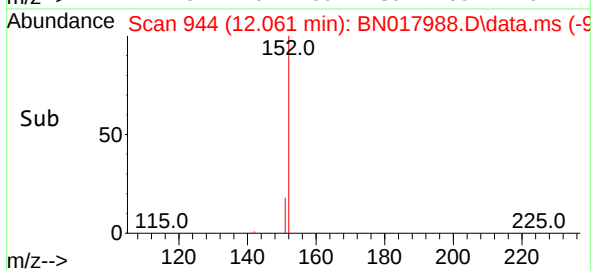
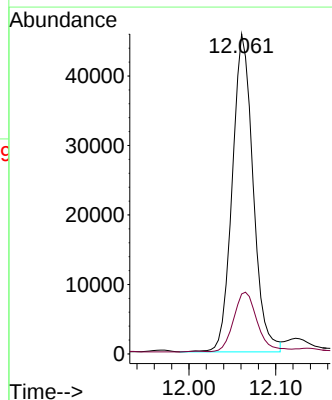
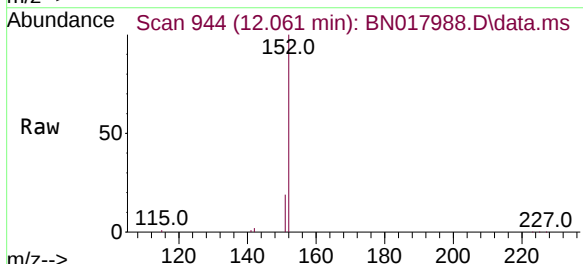
Instrument :
BNA_N
ClientSampleId :
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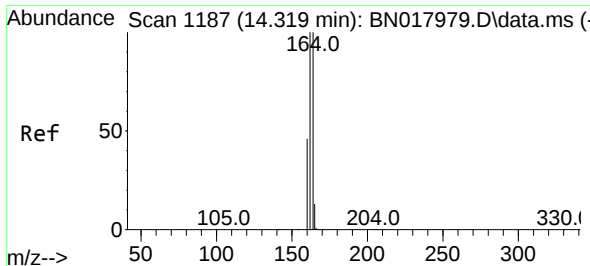
Tgt Ion: 82 Resp: 34501
Ion Ratio Lower Upper
82 100
128 42.1 33.7 50.5
54 45.6 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.061 min Scan# 944
Delta R.T. -0.009 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

Tgt Ion: 152 Resp: 76507
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2

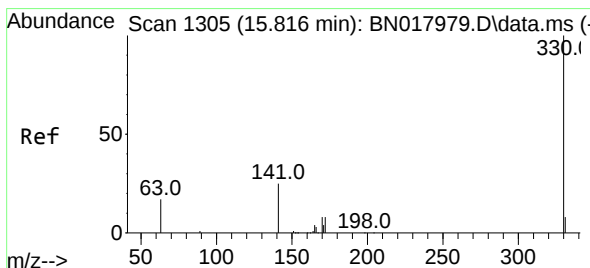
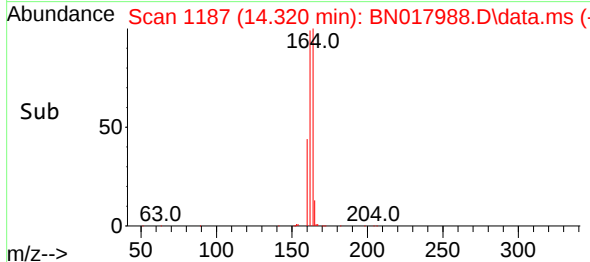
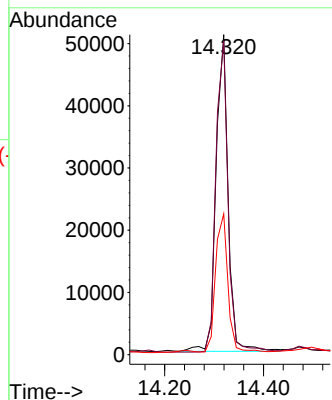
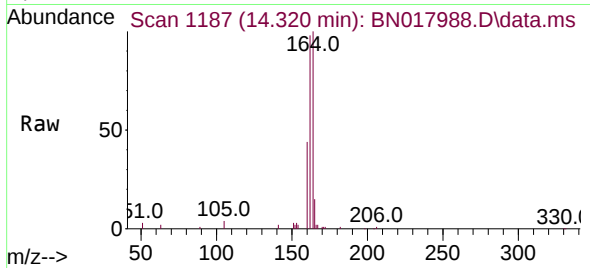




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.320 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

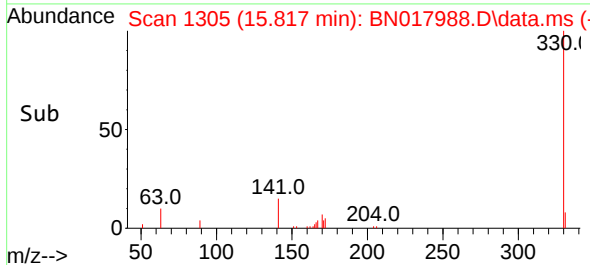
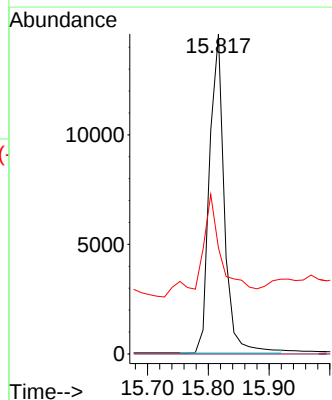
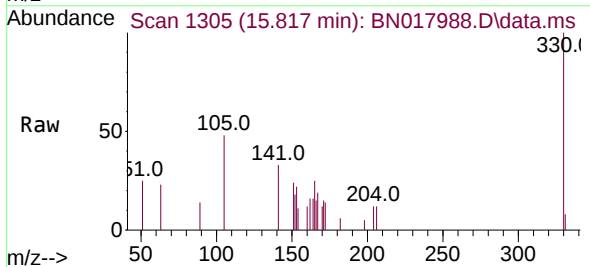
Instrument :
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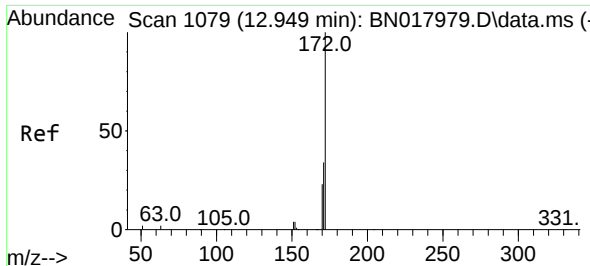
Tgt Ion:164 Resp: 85686
Ion Ratio Lower Upper
164 100
162 98.1 80.2 120.2
160 44.0 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.644 ng
RT: 15.817 min Scan# 1305
Delta R.T. 0.001 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

Tgt Ion:330 Resp: 24649
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.5 21.3 31.9

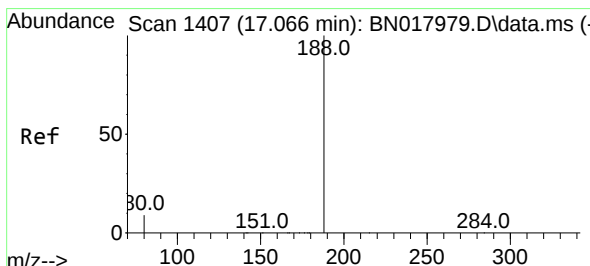
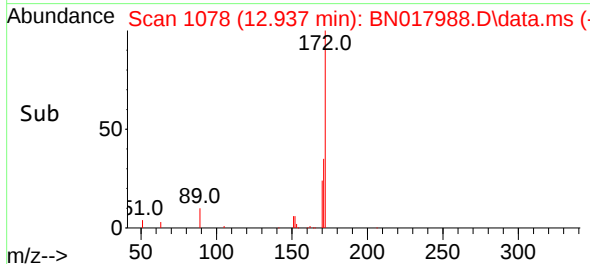
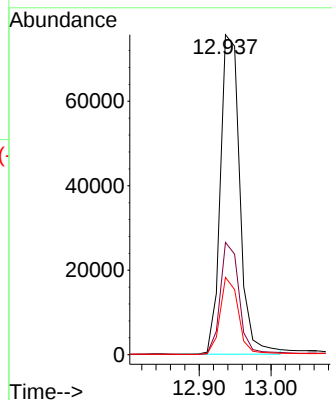
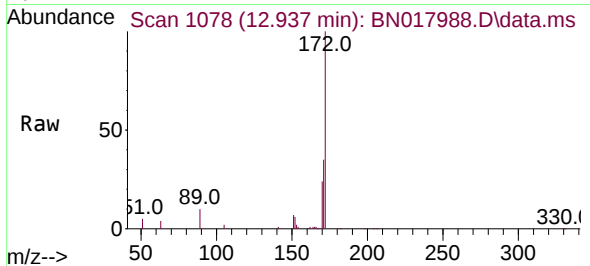




#15
2-Fluorobiphenyl
Concen: 0.478 ng
RT: 12.937 min Scan# 1078
Delta R.T. -0.012 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

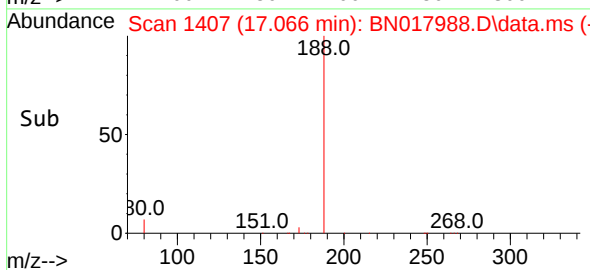
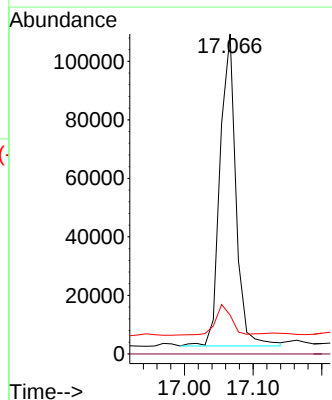
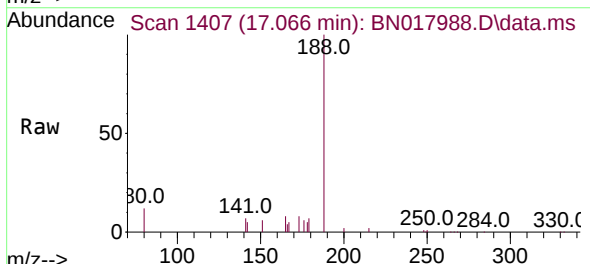
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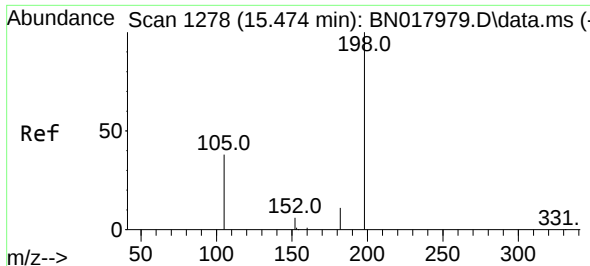
Tgt Ion:172 Resp: 142757
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 24.2 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

Tgt Ion:188 Resp: 170893
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 7.0 10.4

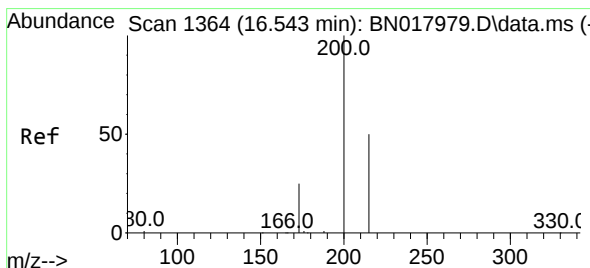
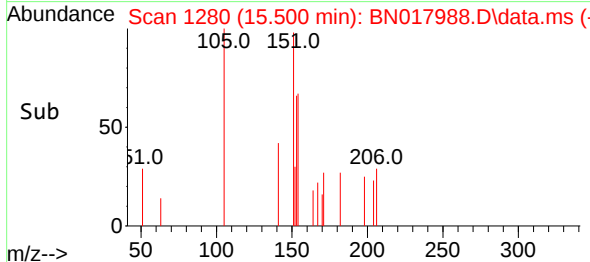
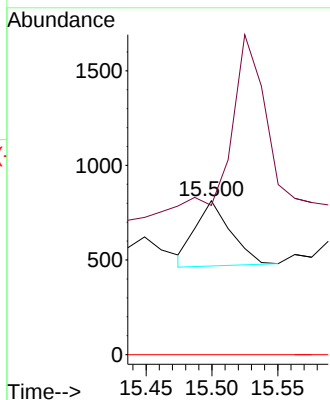
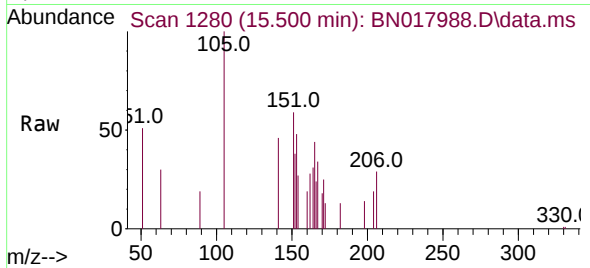




#20
4,6-Dinitro-2-methylphenol
Concen: 0.241 ng
RT: 15.500 min Scan# 11
Delta R.T. 0.026 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

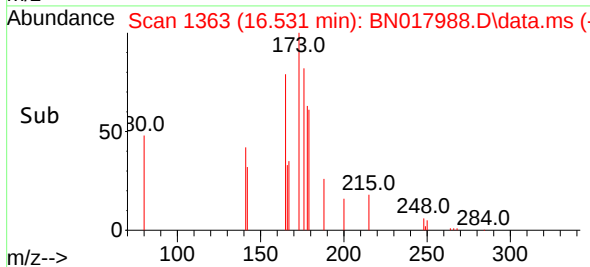
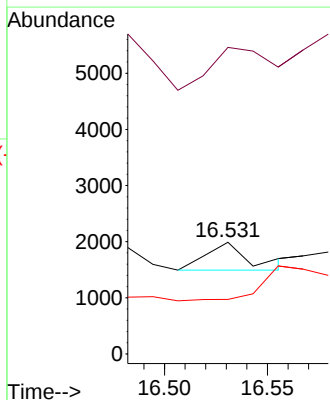
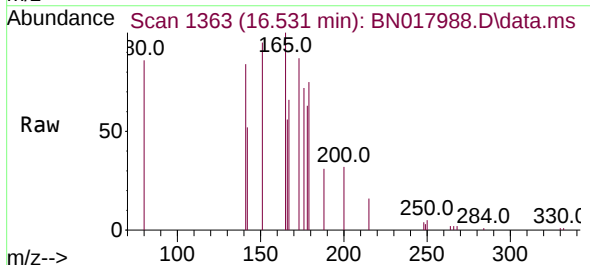
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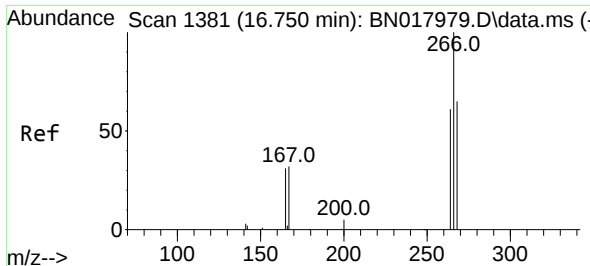
Tgt Ion:198 Resp: 643
Ion Ratio Lower Upper
198 100
182 97.0 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.089 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

Tgt Ion:200 Resp: 744
Ion Ratio Lower Upper
200 100
173 274.4 20.3 30.5#
215 48.8 40.4 60.6

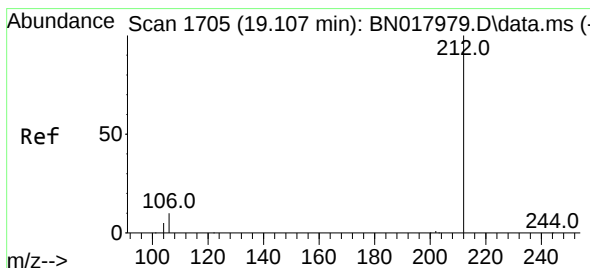
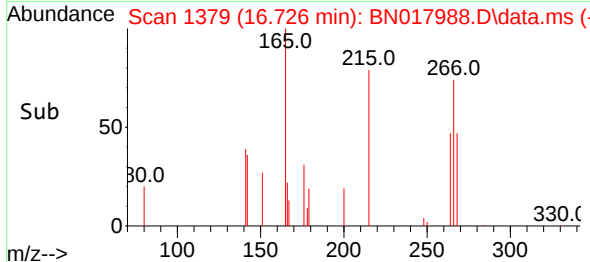
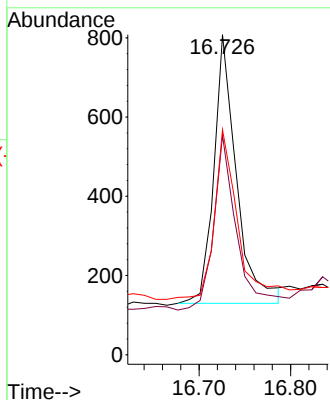
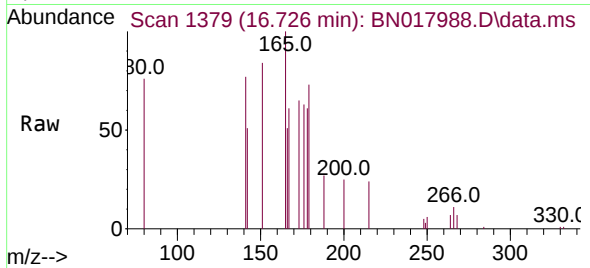




#24
 Pentachlorophenol
 Concen: 0.278 ng
 RT: 16.726 min Scan# 1163
 Delta R.T. -0.024 min
 Lab File: BN017988.D
 Acq: 14 Dec 2021 03:48

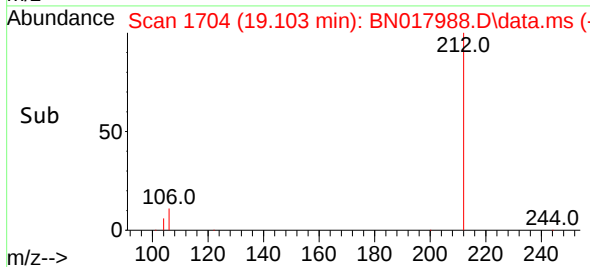
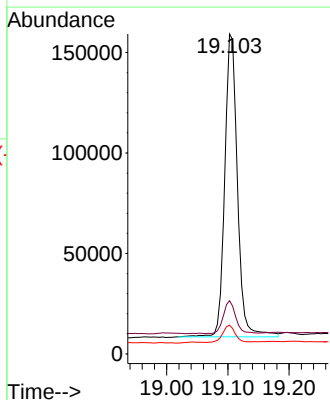
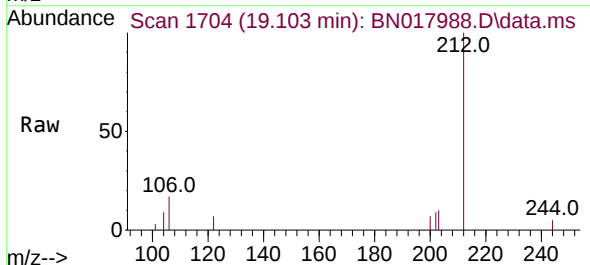
Instrument :
 BNA_N
 ClientSampleId :
 MW-1

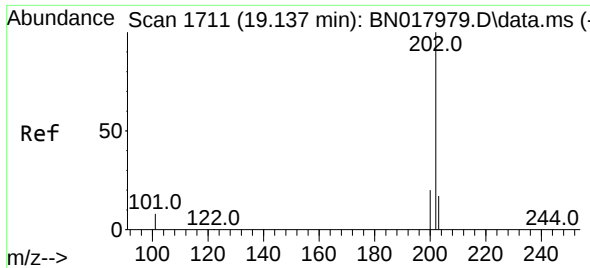
Tgt Ion:	266	Resp:	1163
Ion Ratio	Lower	Upper	
266	100		
264	68.6	49.5	74.3
268	62.3	50.6	76.0



#27
 Fluoranthene-d10
 Concen: 0.381 ng
 RT: 19.103 min Scan# 1704
 Delta R.T. -0.005 min
 Lab File: BN017988.D
 Acq: 14 Dec 2021 03:48

Tgt Ion:	212	Resp:	217561
Ion Ratio	Lower	Upper	
212	100		
106	10.5	8.4	12.6
104	5.6	4.5	6.7

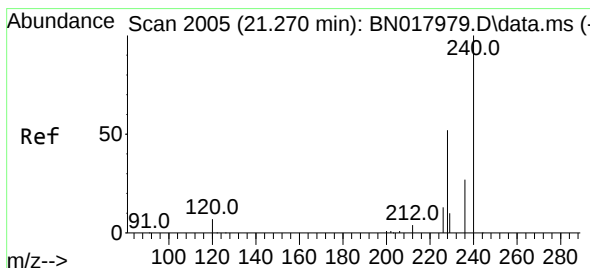
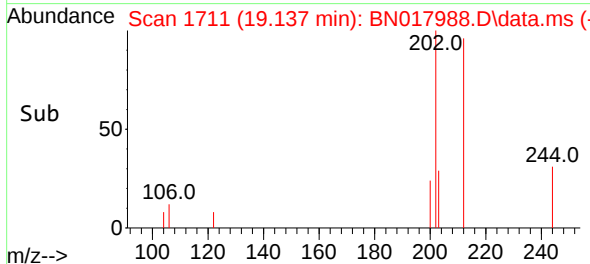
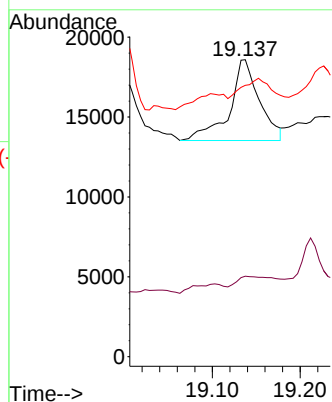
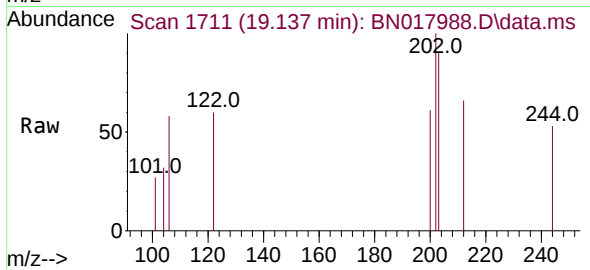




#28
Fluoranthene
Concen: 0.022 ng
RT: 19.137 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

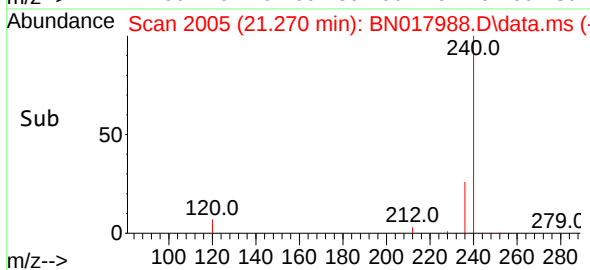
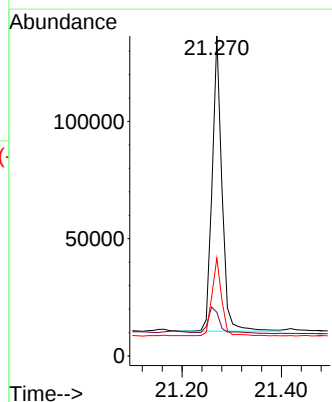
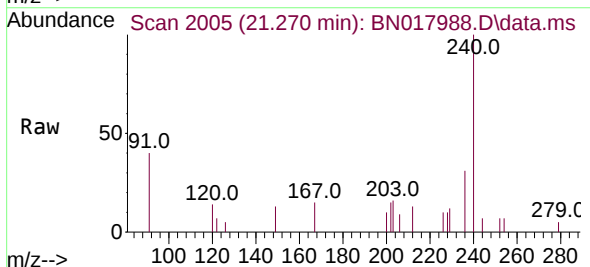
Instrument :
BNA_N
ClientSampleId :
MW-1

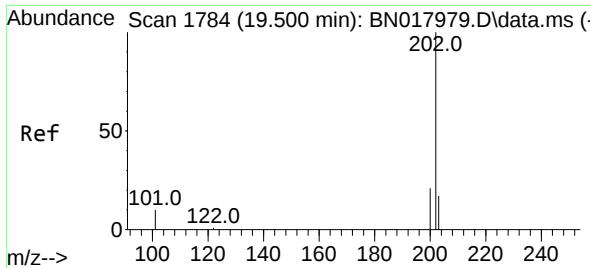
Tgt Ion:202 Resp: 11998
Ion Ratio Lower Upper
202 100
101 18.7 7.2 10.8#
203 21.6 13.7 20.5#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN017988.D
Acq: 14 Dec 2021 03:48

Tgt Ion:240 Resp: 171573
Ion Ratio Lower Upper
240 100
120 13.7 6.0 9.0#
236 30.6 21.4 32.2

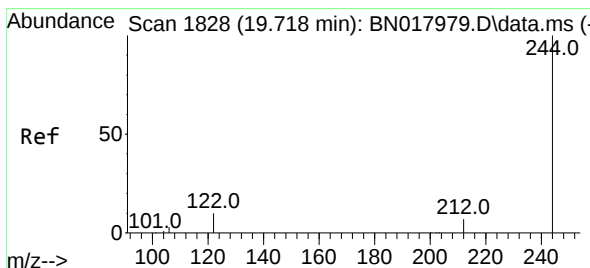
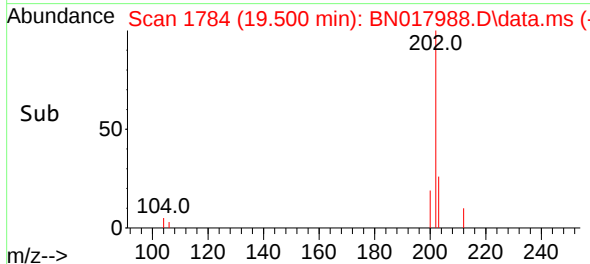
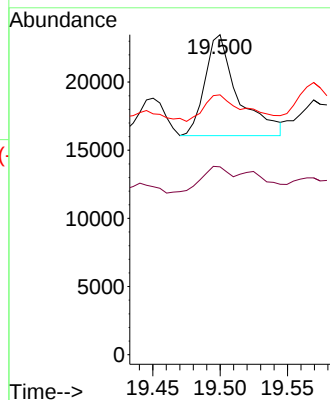
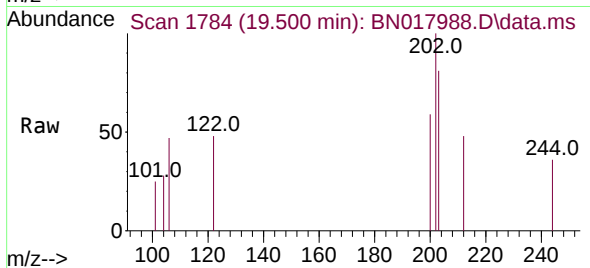




#30
 Pyrene
 Concen: 0.022 ng
 RT: 19.500 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017988.D
 Acq: 14 Dec 2021 03:48

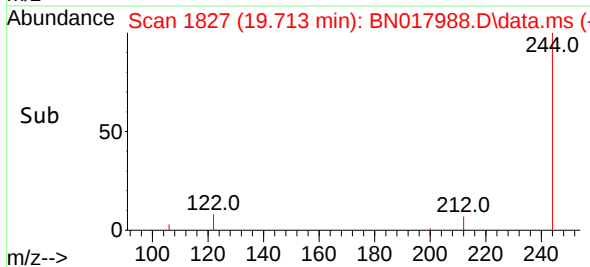
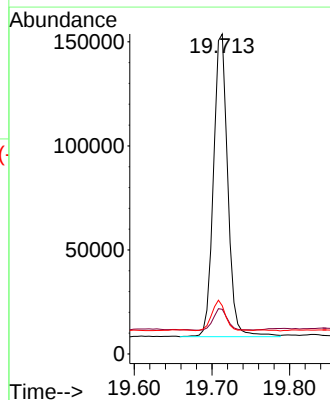
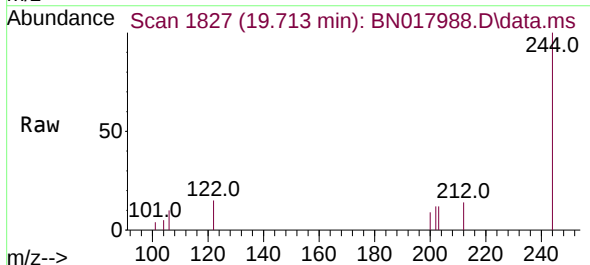
Instrument :
 BNA_N
 ClientSampleId :
 MW-1

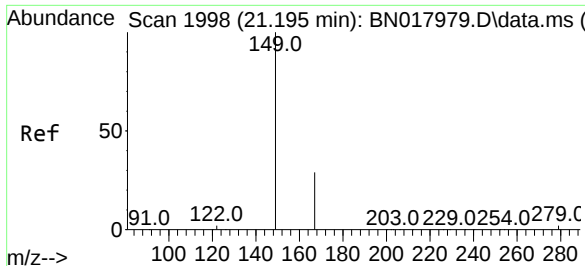
Tgt Ion:202 Resp: 12635
 Ion Ratio Lower Upper
 202 100
 200 21.7 16.6 25.0
 203 31.9 14.1 21.1#



#31
 Terphenyl-d14
 Concen: 0.519 ng
 RT: 19.713 min Scan# 1827
 Delta R.T. -0.005 min
 Lab File: BN017988.D
 Acq: 14 Dec 2021 03:48

Tgt Ion:244 Resp: 185521
 Ion Ratio Lower Upper
 244 100
 212 14.0 6.2 9.2#
 122 15.1 7.9 11.9#

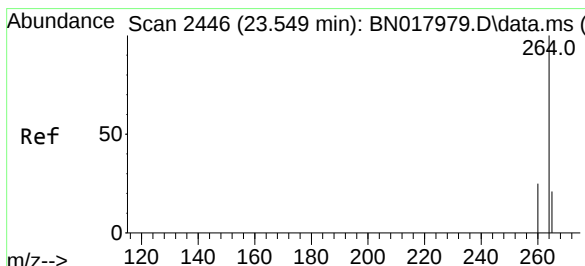
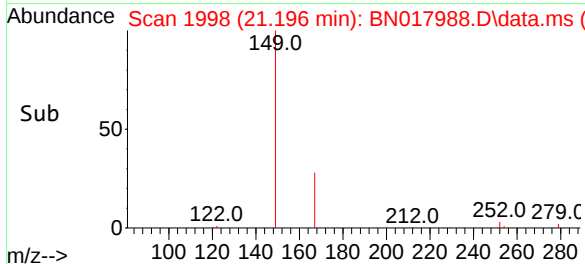
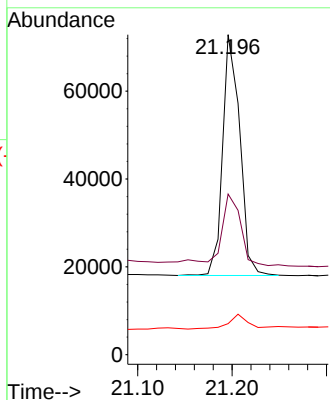
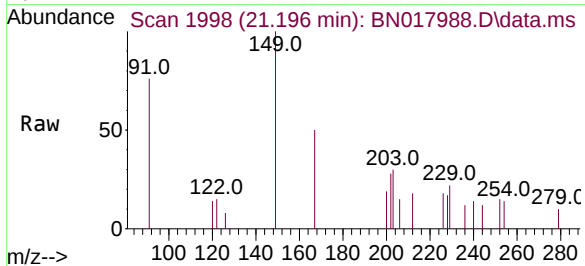




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.273 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN017988.D
 Acq: 14 Dec 2021 03:48

Instrument :
 BNA_N
 ClientSampleId :
 MW-1

Tgt Ion:149 Resp: 69292
 Ion Ratio Lower Upper
 149 100
 167 34.4 23.7 35.5
 279 7.0 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.556 min Scan# 2448
 Delta R.T. 0.007 min
 Lab File: BN017988.D
 Acq: 14 Dec 2021 03:48

Tgt Ion:264 Resp: 171177
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.2 30.4
 265 28.9 18.2 27.2#

