

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017703.D
 Acq On : 03 Dec 2021 22:44
 Operator : CG/JU
 Sample : M4917-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-14

Quant Time: Dec 04 01:01:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

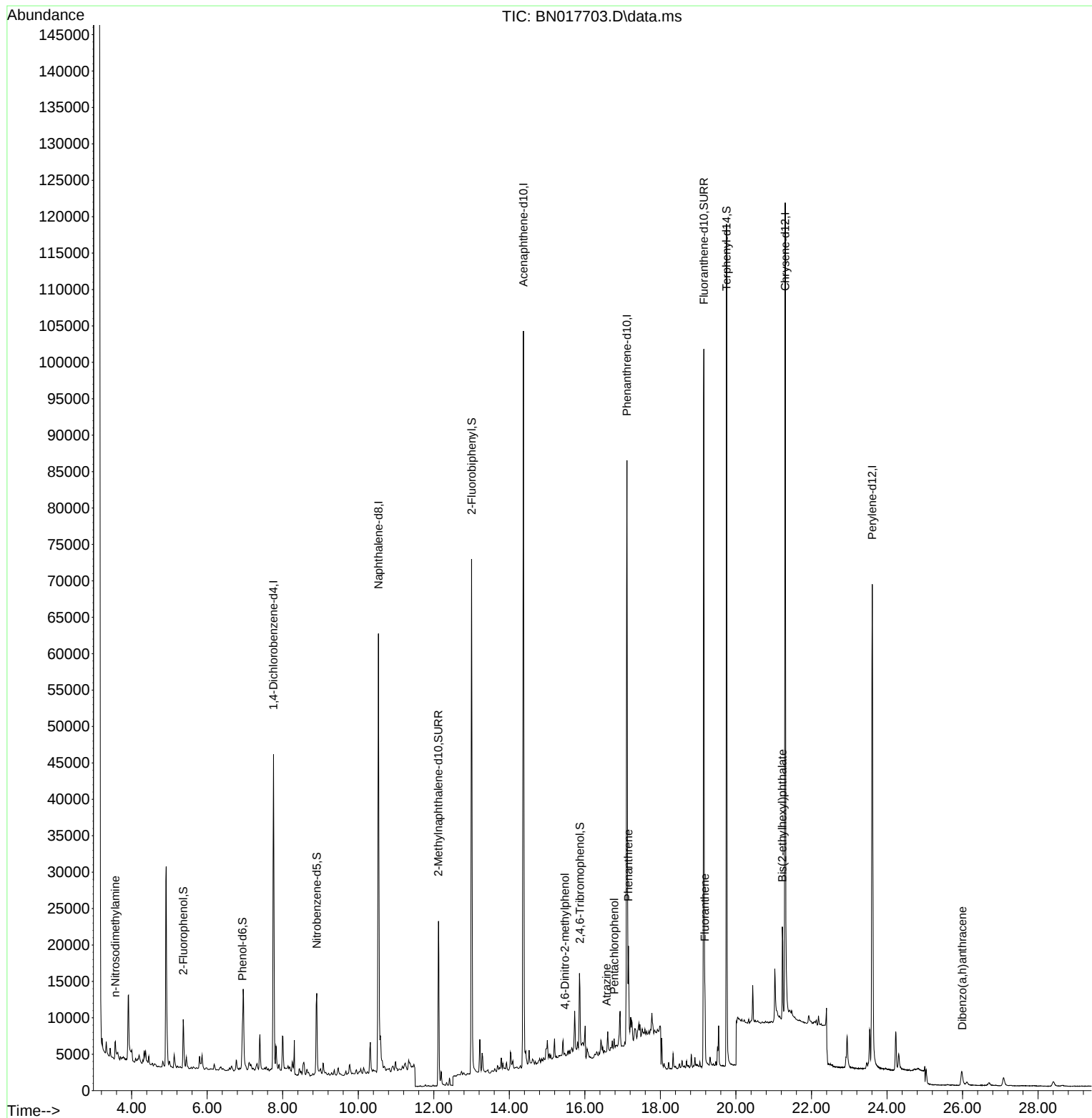
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	22195	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	88034	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	58600	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	121440	0.400	ng	0.00
29) Chrysene-d12	21.303	240	113587	0.400	ng	# 0.00
35) Perylene-d12	23.609	264	96188	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.366	112	6620	0.127	ng	0.00
5) Phenol-d6	6.934	99	5242	0.098	ng	0.00
8) Nitrobenzene-d5	8.900	82	11200	0.263	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	34375	0.221	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	10232	0.409	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	64505	0.289	ng	0.00
27) Fluoranthene-d10	19.149	212	123271	0.311	ng	0.00
31) Terphenyl-d14	19.749	244	129563	0.514	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.568	42	895	0.040	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.475	198	46	0.243	ng	# 1
23) Atrazine	16.581	200	281	0.101	ng	# 10
24) Pentachlorophenol	16.776	266	1022	0.308	ng	96
25) Phenanthrene	17.153	178	13395	0.042	ng	98
28) Fluoranthene	19.179	202	8021	0.021	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.229	149	13674	0.127	ng	# 96
40) Dibenzo(a,h)anthracene	25.995	278	834	0.086	ng	# 1

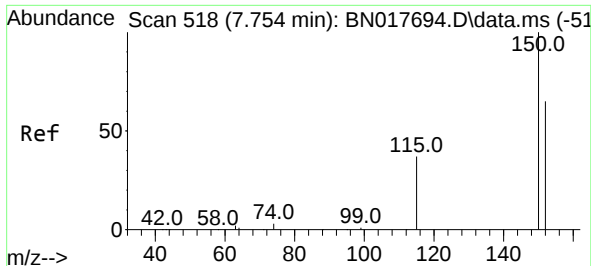
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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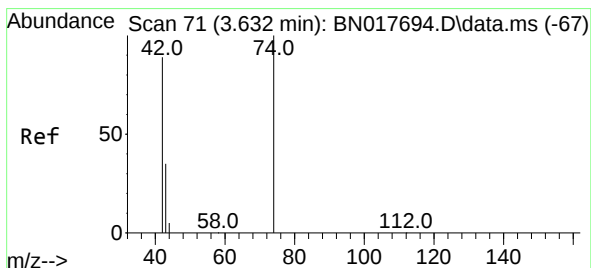
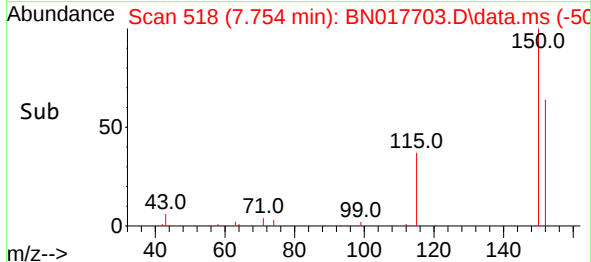
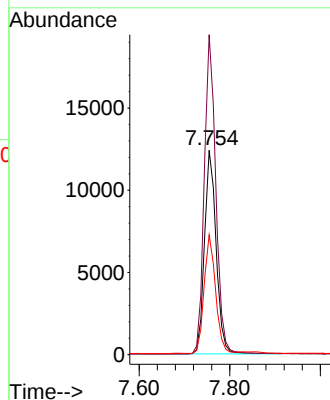
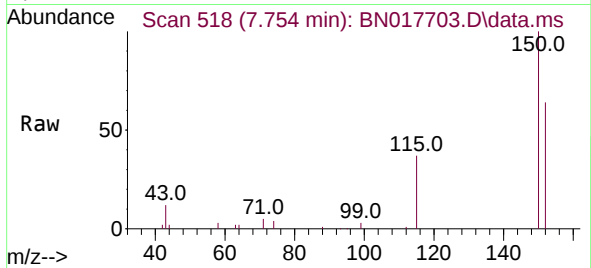




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

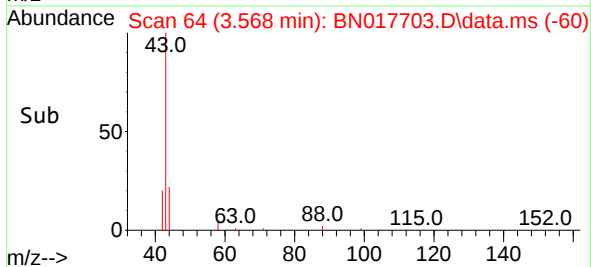
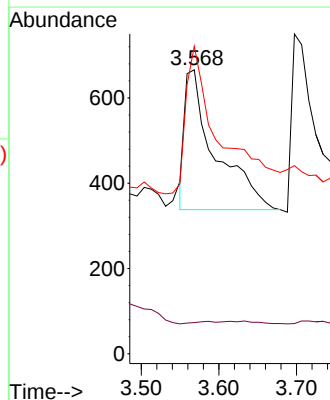
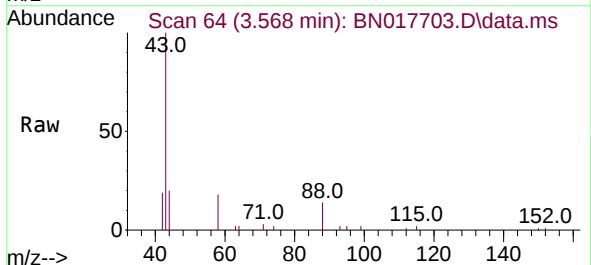
Instrument :
BNA_N
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MW-14

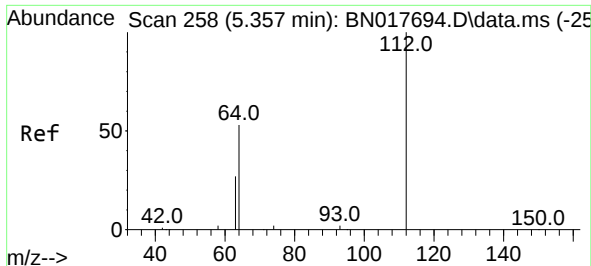
Tgt Ion:152 Resp: 22195
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.4
115 58.7 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.040 ng
RT: 3.568 min Scan# 64
Delta R.T. -0.064 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

Tgt Ion: 42 Resp: 895
Ion Ratio Lower Upper
42 100
74 1.2 97.8 146.6#
44 97.9 5.5 8.3#

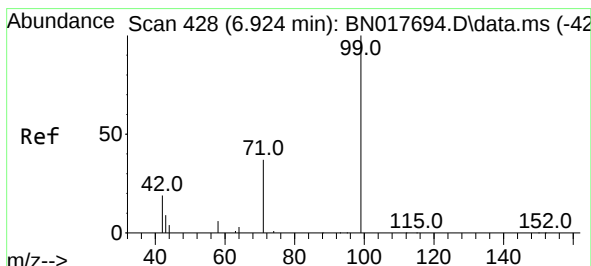
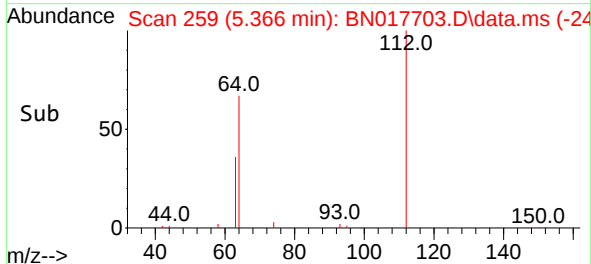
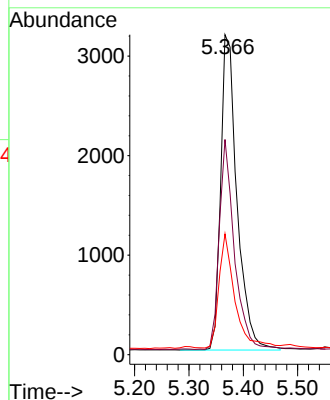
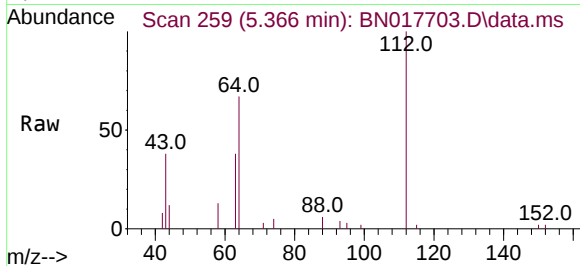




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.366 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

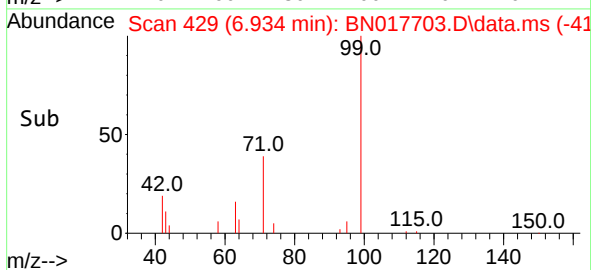
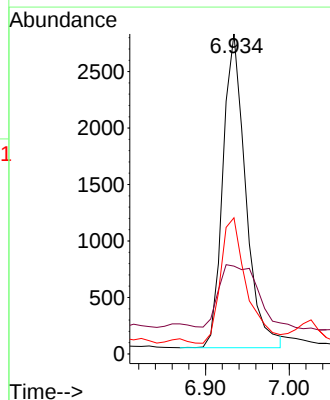
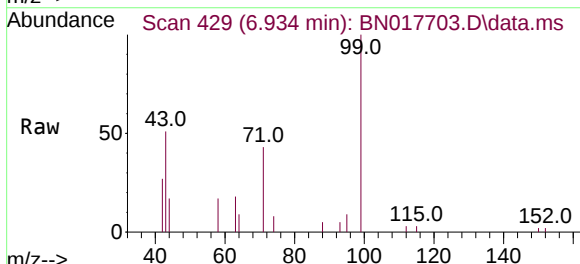
Instrument :
BNA_N
ClientSampleId :
MW-14

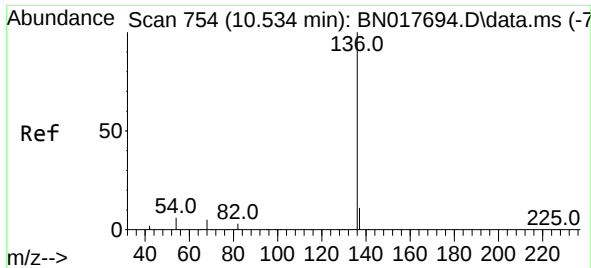
Tgt Ion:112 Resp: 6620
Ion Ratio Lower Upper
112 100
64 61.7 47.6 71.4
63 35.0 24.6 37.0



#5
Phenol-d6
Concen: 0.098 ng
RT: 6.934 min Scan# 429
Delta R.T. 0.010 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

Tgt Ion: 99 Resp: 5242
Ion Ratio Lower Upper
99 100
42 33.0 17.0 25.6#
71 46.0 24.8 37.2#

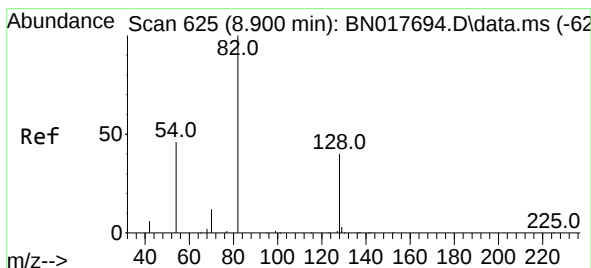
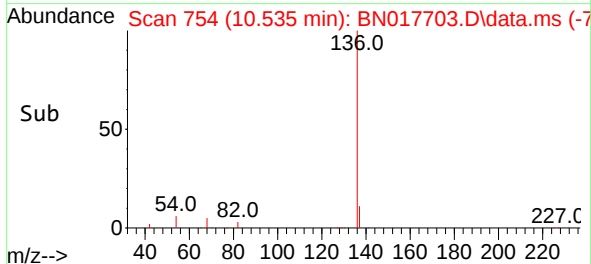
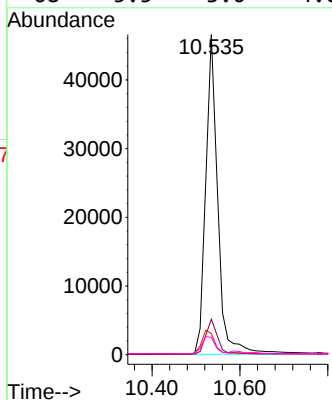
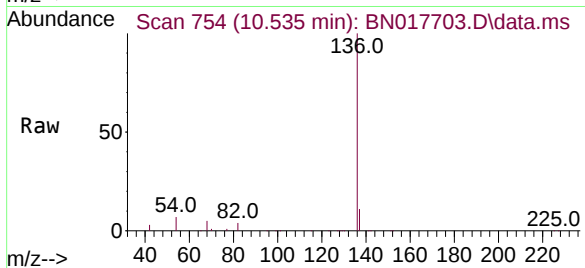




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

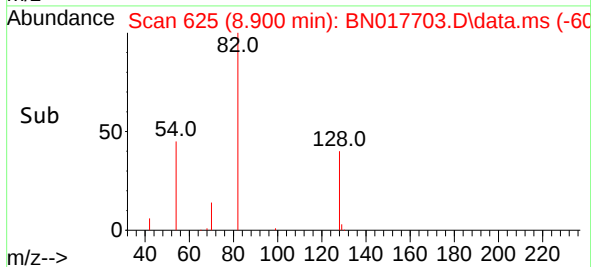
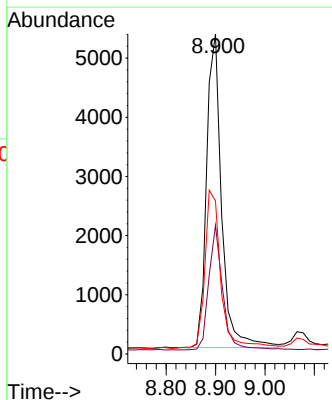
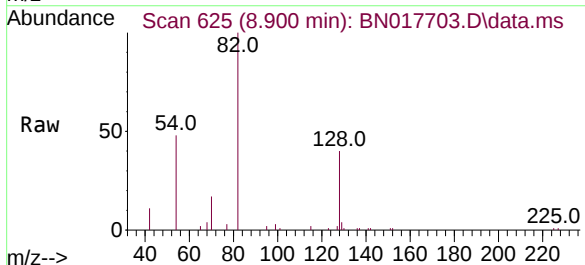
Instrument :
BNA_N
ClientSampleId :
MW-14

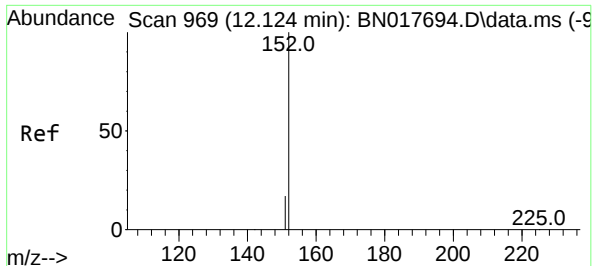
Tgt Ion:	136	Resp:	88034
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.7	4.0	6.0#
68	5.5	3.0	4.6#



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.900 min Scan# 625
Delta R.T. -0.000 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

Tgt Ion:	82	Resp:	11200
Ion Ratio	Lower	Upper	
82	100		
128	40.2	27.7	41.5
54	47.8	49.2	73.8#





#11

2-Methylnaphthalene-d10

Concen: 0.221 ng

RT: 12.124 min Scan# 969

Delta R.T. 0.000 min

Lab File: BN017703.D

Acq: 03 Dec 2021 22:44

Instrument :

BNA_N

ClientSampleId :

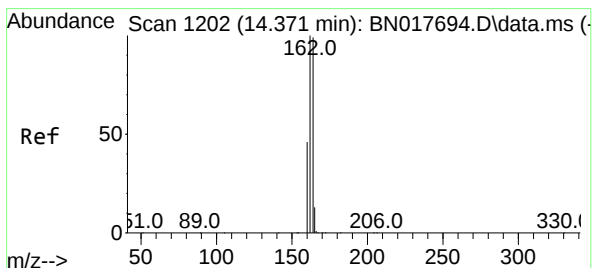
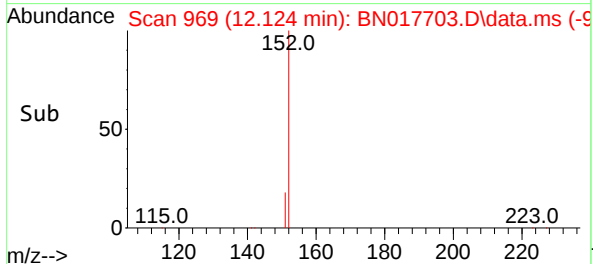
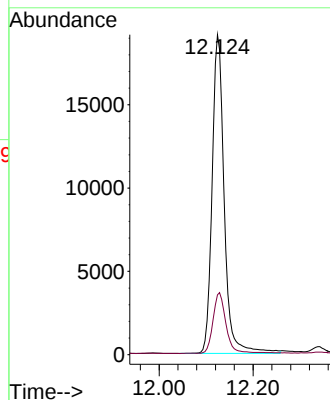
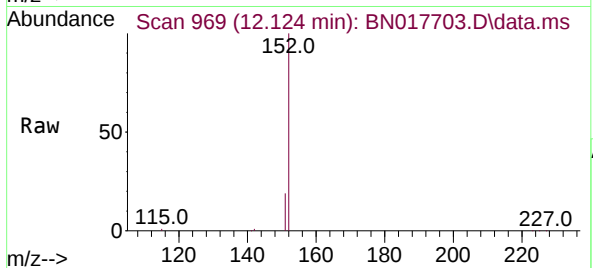
MW-14

Tgt Ion:152 Resp: 34375

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.372 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BN017703.D

Acq: 03 Dec 2021 22:44

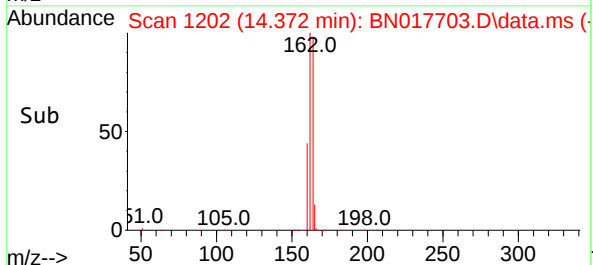
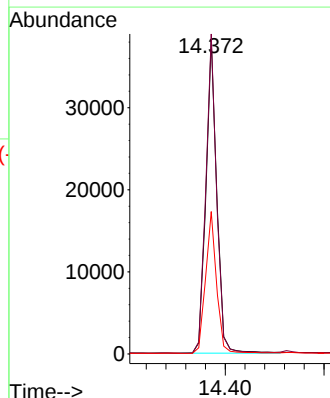
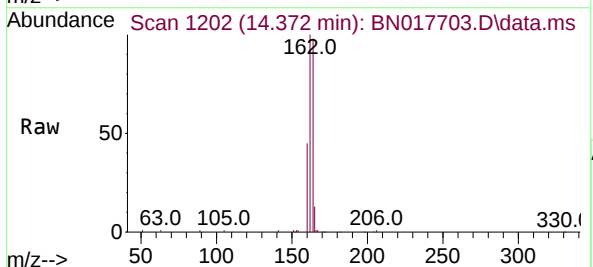
Tgt Ion:164 Resp: 58600

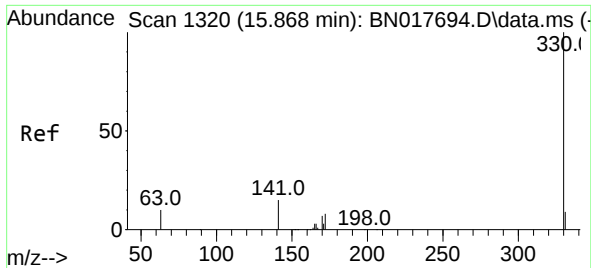
Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.2

160 45.2 36.8 55.2

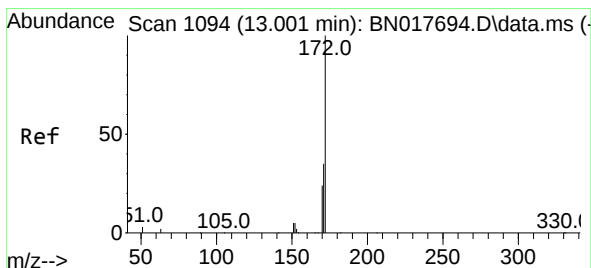
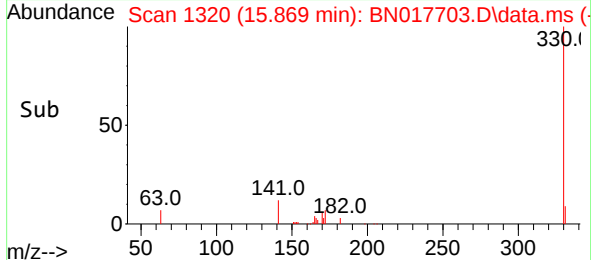
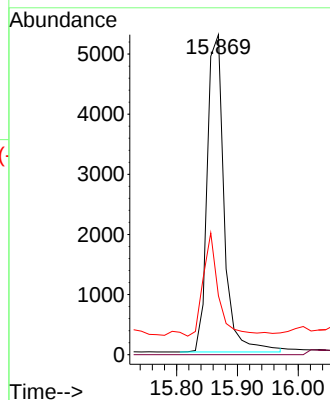
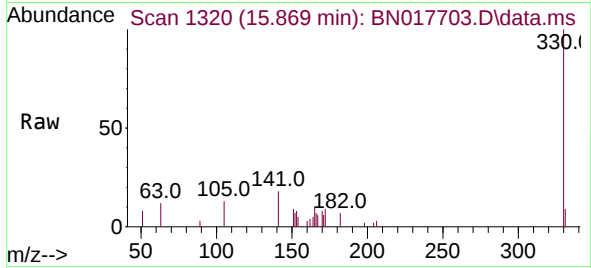




#14
 2,4,6-Tribromophenol
 Concen: 0.409 ng
 RT: 15.869 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BN017703.D
 Acq: 03 Dec 2021 22:44

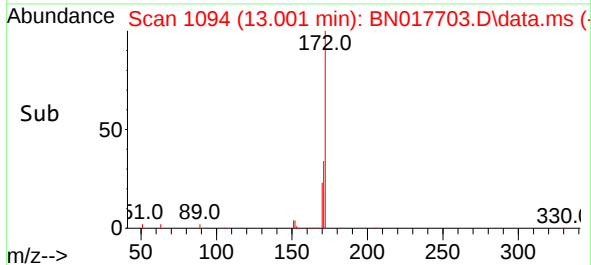
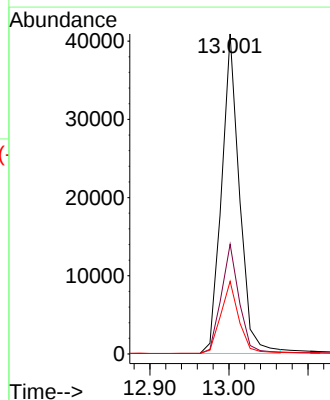
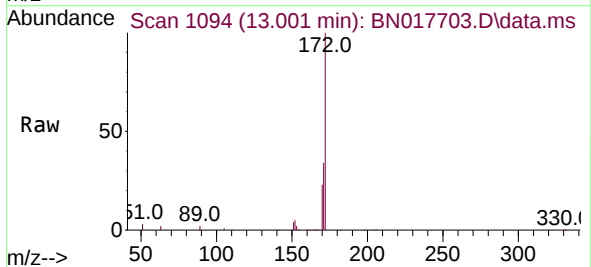
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 MW-14

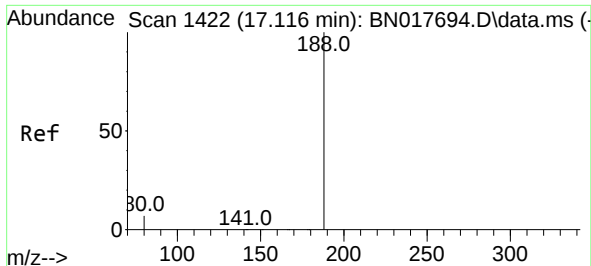
Tgt Ion: 330 Resp: 10232
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 30.2 28.9 43.3



#15
 2-Fluorobiphenyl
 Concen: 0.289 ng
 RT: 13.001 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BN017703.D
 Acq: 03 Dec 2021 22:44

Tgt Ion: 172 Resp: 64505
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.7 43.1
 170 22.7 19.4 29.2

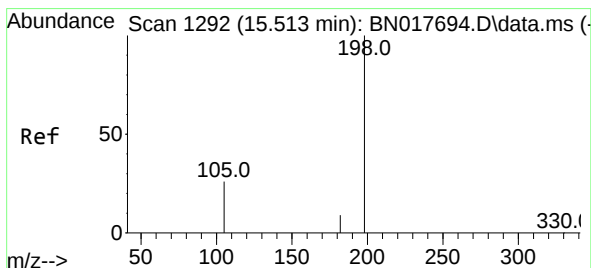
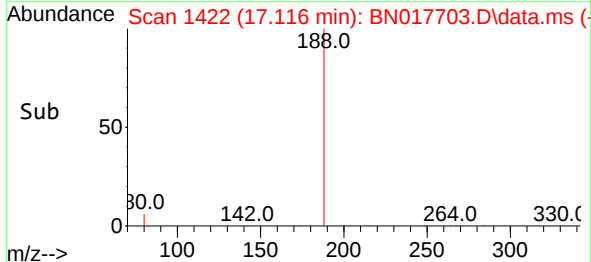
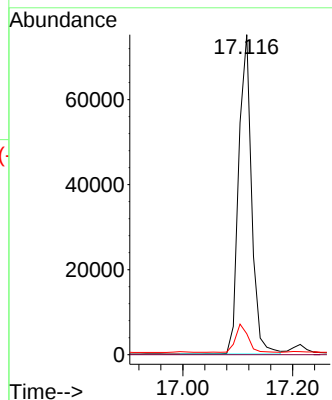
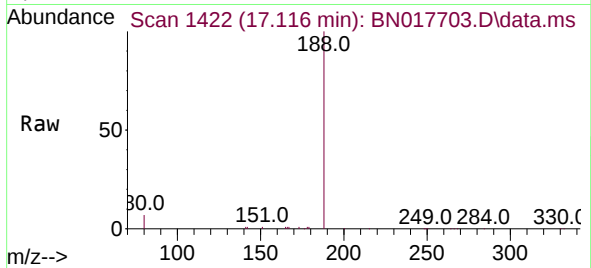




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

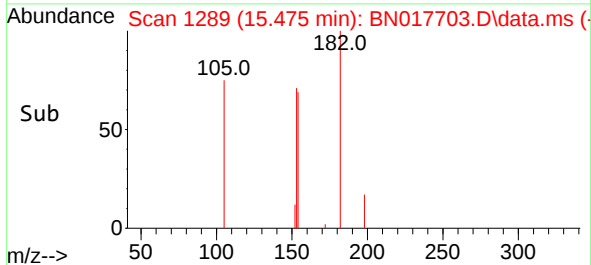
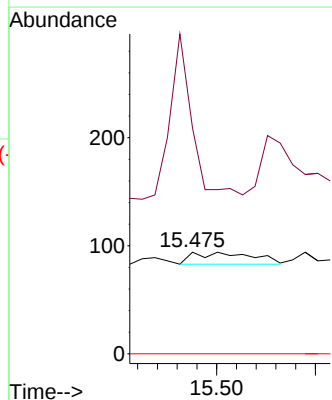
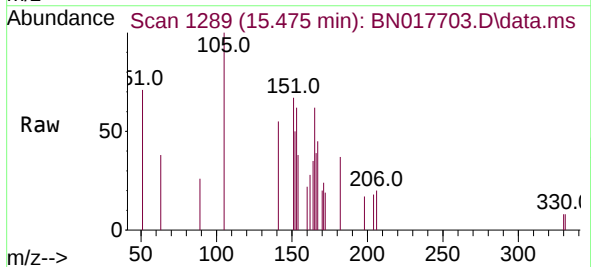
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BNA_N
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MW-14

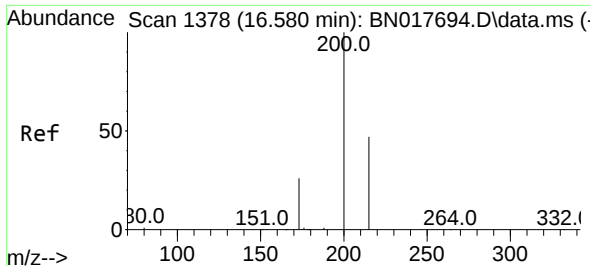
Tgt Ion:188 Resp: 121440
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.243 ng
RT: 15.475 min Scan# 1289
Delta R.T. -0.038 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

Tgt Ion:198 Resp: 46
Ion Ratio Lower Upper
198 100
182 222.3 11.4 17.2#
77 0.0 0.0 0.0

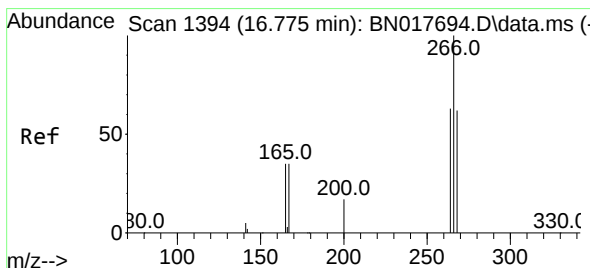
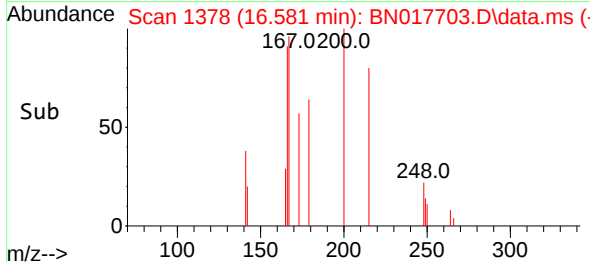
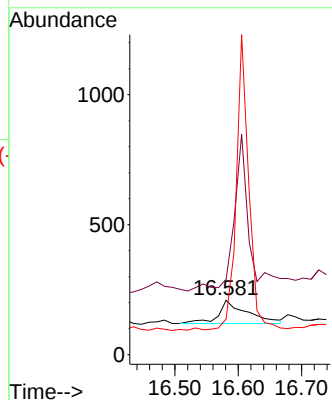
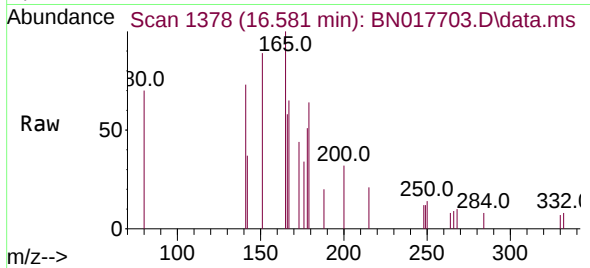




#23
 Atrazine
 Concen: 0.101 ng
 RT: 16.581 min Scan# 1378
 Delta R.T. 0.001 min
 Lab File: BN017703.D
 Acq: 03 Dec 2021 22:44

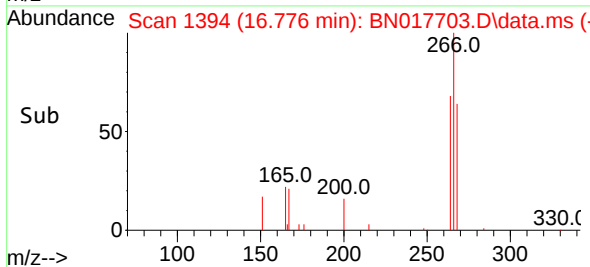
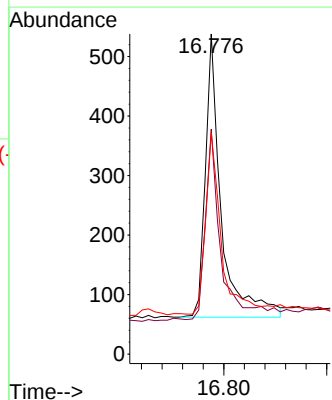
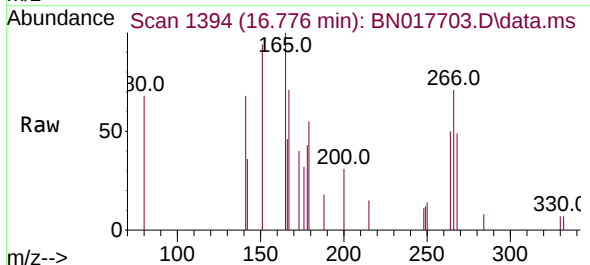
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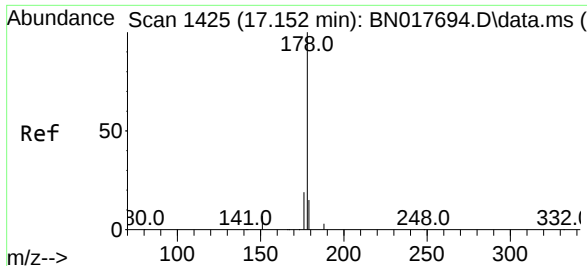
Tgt Ion:200 Resp: 281
 Ion Ratio Lower Upper
 200 100
 173 138.8 17.6 26.4#
 215 65.6 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.308 ng
 RT: 16.776 min Scan# 1394
 Delta R.T. 0.001 min
 Lab File: BN017703.D
 Acq: 03 Dec 2021 22:44

Tgt Ion:266 Resp: 1022
 Ion Ratio Lower Upper
 266 100
 264 67.0 49.8 74.8
 268 62.3 51.3 76.9

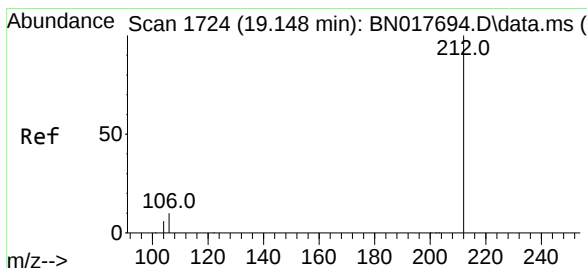
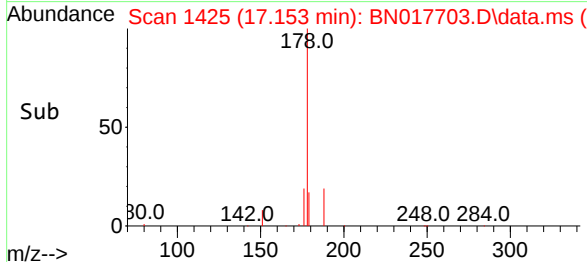
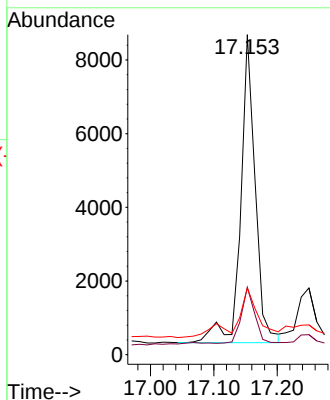
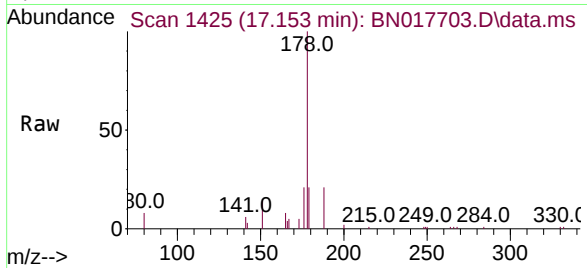




#25
Phenanthrene
Concen: 0.042 ng
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

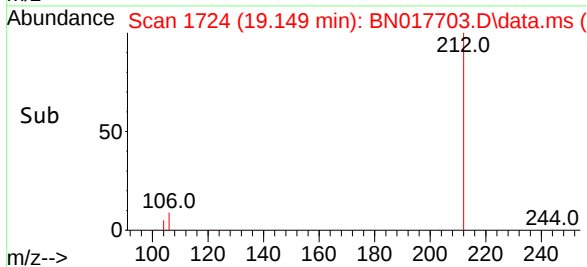
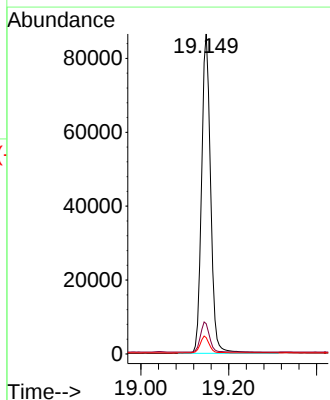
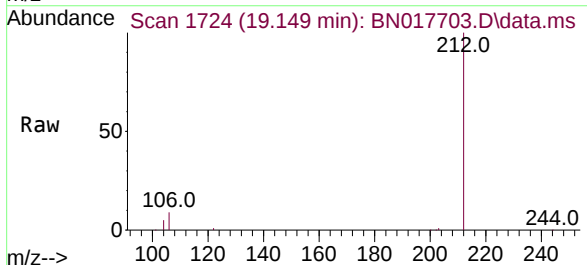
Instrument :
BNA_N
ClientSampleId :
MW-14

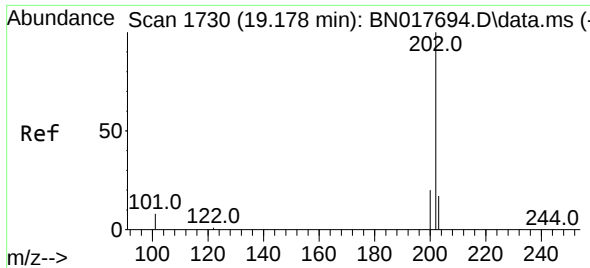
Tgt Ion:178 Resp: 13395
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.6
179 15.2 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.149 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

Tgt Ion:212 Resp: 123271
Ion Ratio Lower Upper
212 100
106 9.3 10.5 15.7#
104 5.3 5.8 8.6#

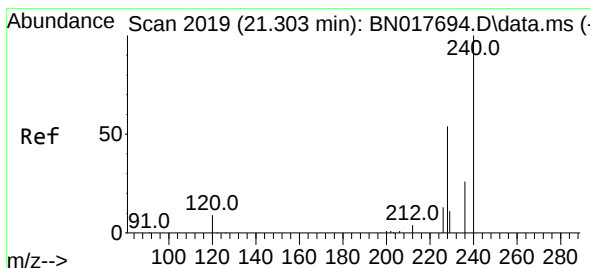
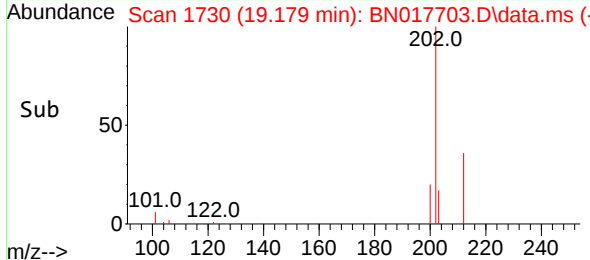
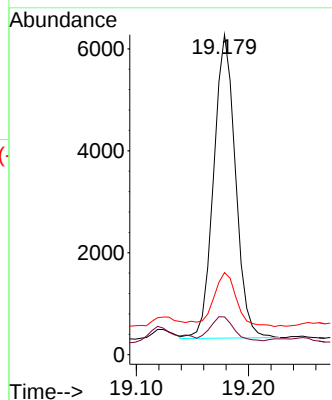
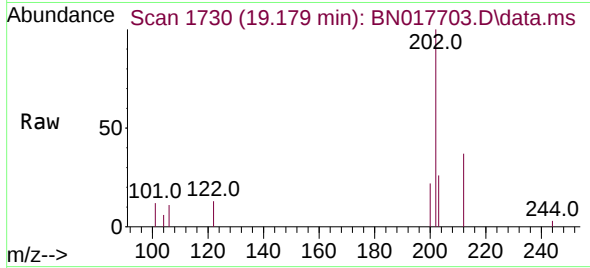




#28
Fluoranthene
Concen: 0.021 ng
RT: 19.179 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

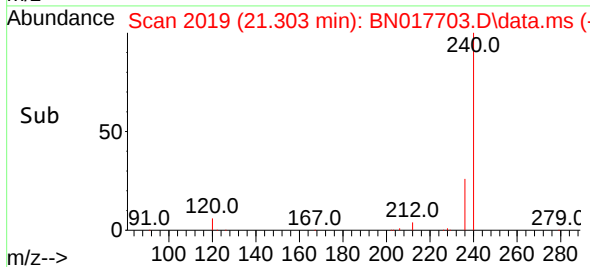
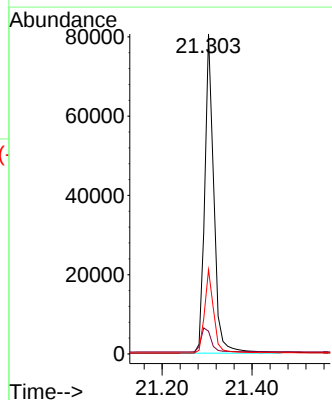
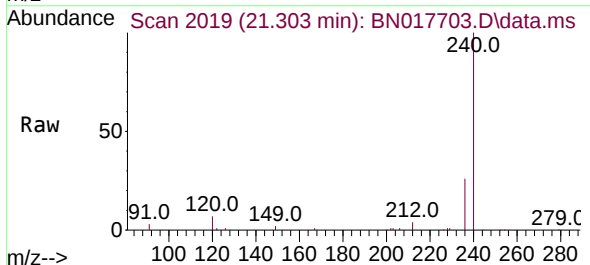
Instrument :
BNA_N
ClientSampleId :
MW-14

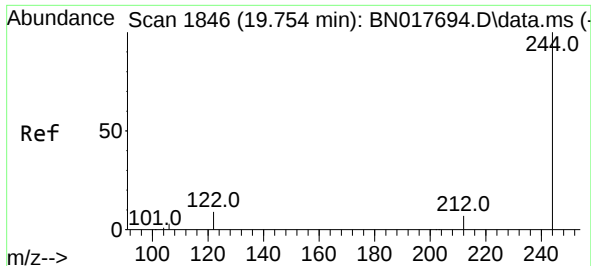
Tgt Ion:202 Resp: 8021
Ion Ratio Lower Upper
202 100
101 8.5 8.9 13.3#
203 18.2 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017703.D
Acq: 03 Dec 2021 22:44

Tgt Ion:240 Resp: 113587
Ion Ratio Lower Upper
240 100
120 7.1 4.2 6.2#
236 26.3 20.0 30.0

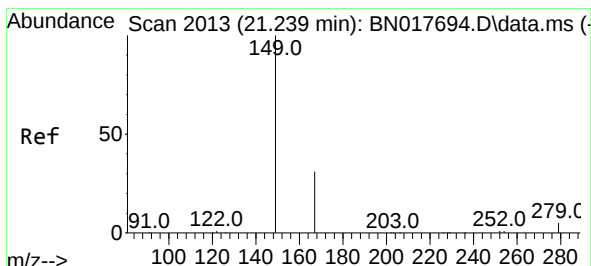
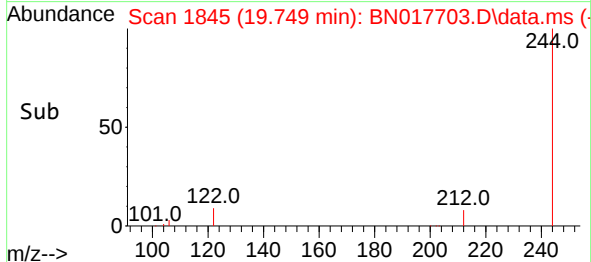
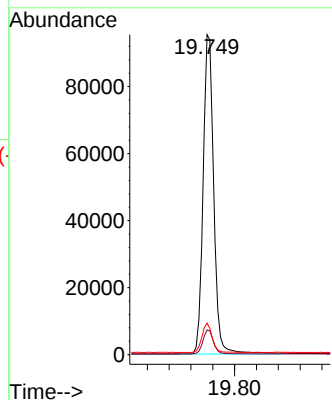
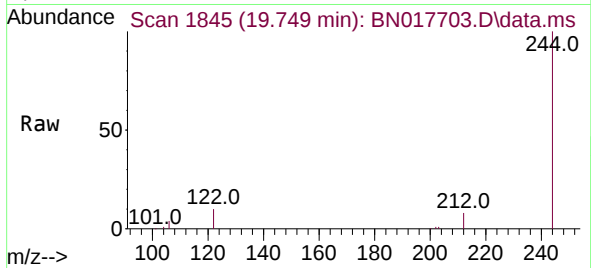




#31
 Terphenyl-d14
 Concen: 0.514 ng
 RT: 19.749 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN017703.D
 Acq: 03 Dec 2021 22:44

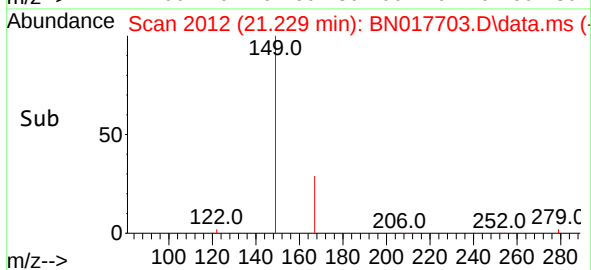
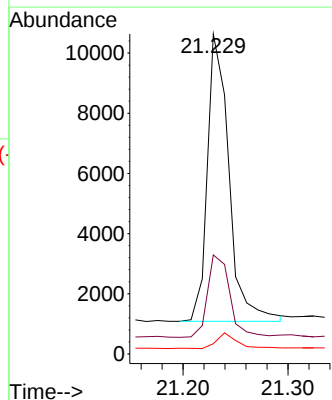
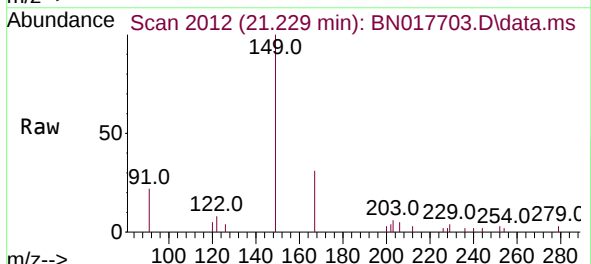
Instrument :
 BNA_N
 ClientSampleId :
 MW-14

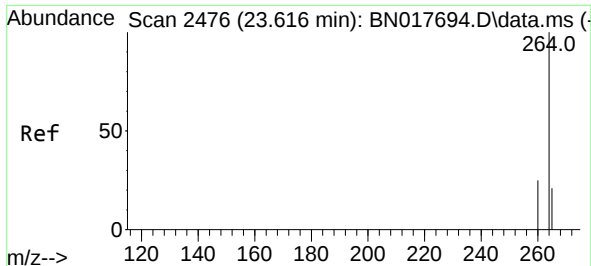
Tgt Ion:244 Resp: 129563
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 9.8 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.127 ng
 RT: 21.229 min Scan# 2012
 Delta R.T. -0.010 min
 Lab File: BN017703.D
 Acq: 03 Dec 2021 22:44

Tgt Ion:149 Resp: 13674
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.8 32.6
 279 5.2 3.4 5.0#

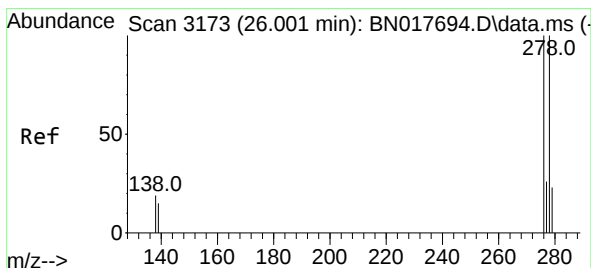
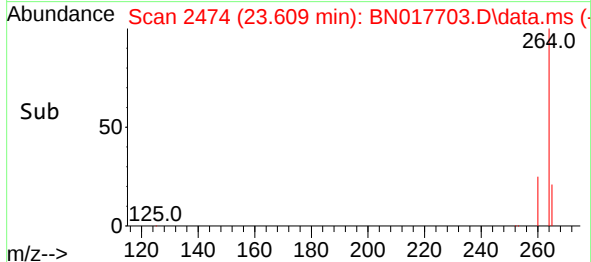
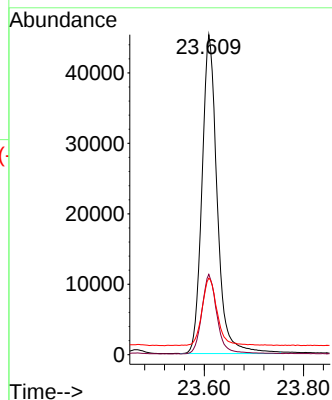
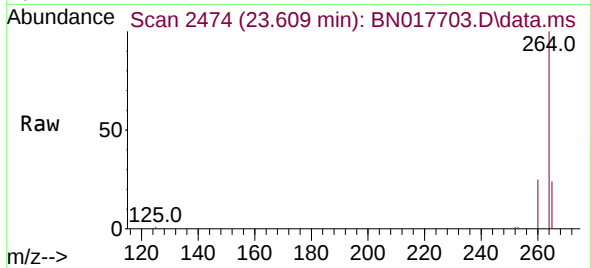




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.609 min Scan# 2476
 Delta R.T. -0.006 min
 Lab File: BN017703.D
 Acq: 03 Dec 2021 22:44

Instrument :
 BNA_N
 ClientSampleId :
 MW-14

Tgt Ion:264 Resp: 96188
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 23.9 18.6 28.0



#40
 Dibenzo(a,h)anthracene
 Concen: 0.086 ng
 RT: 25.995 min Scan# 3171
 Delta R.T. -0.006 min
 Lab File: BN017703.D
 Acq: 03 Dec 2021 22:44

Tgt Ion:278 Resp: 834
 Ion Ratio Lower Upper
 278 100
 139 303.6 13.0 19.6#
 279 81.5 19.2 28.8#

