

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017704.D
 Acq On : 03 Dec 2021 23:20
 Operator : CG/JU
 Sample : M4917-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-15

Quant Time: Dec 04 01:01:16 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)

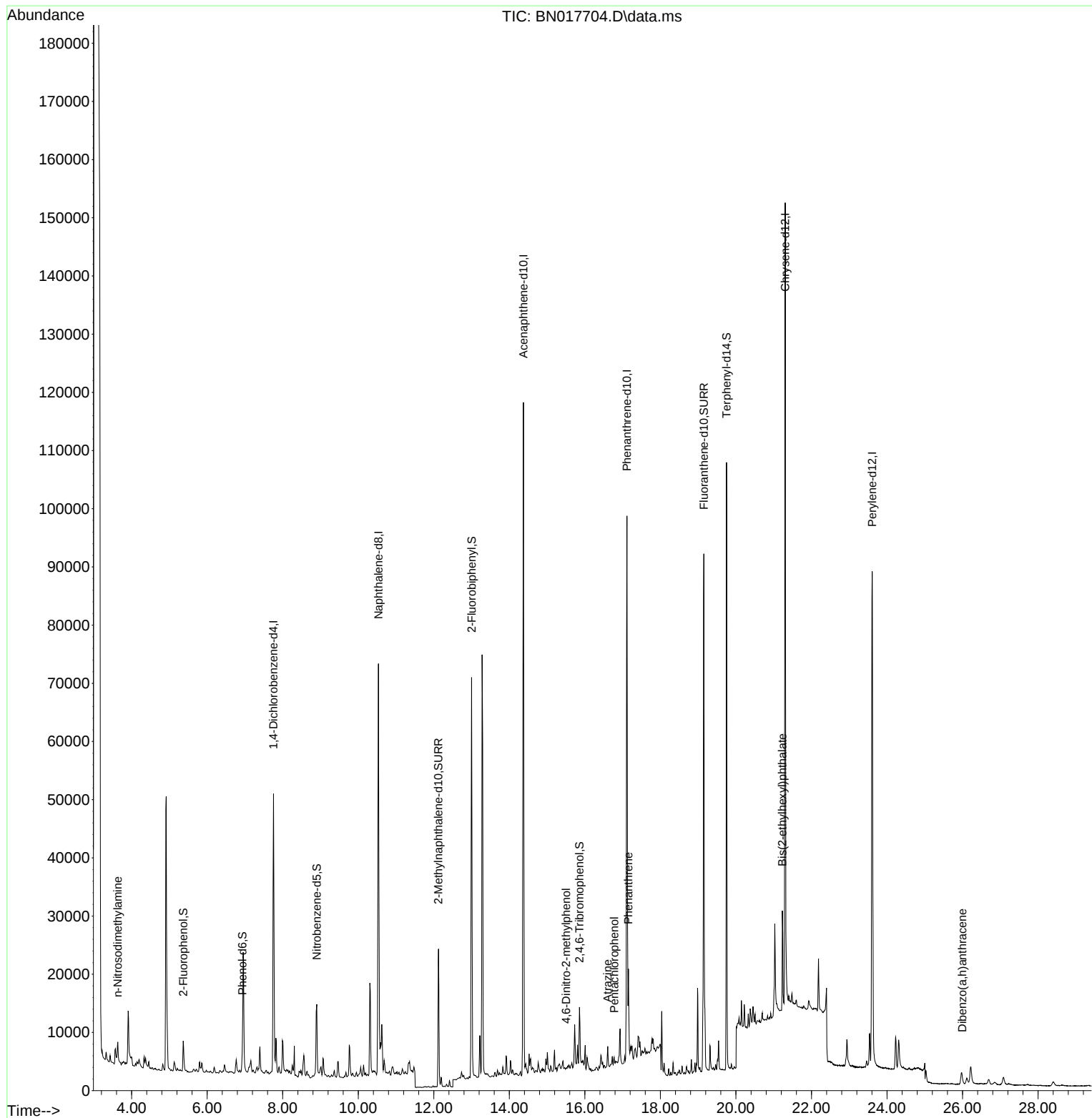
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	24301	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	100064	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	65978	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	137457	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	133987	0.400	ng	# 0.00
35) Perylene-d12	23.606	264	121371	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.366	112	5244	0.092	ng	0.00
5) Phenol-d6	6.934	99	3479	0.060	ng	0.00
8) Nitrobenzene-d5	8.900	82	12322	0.255	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	33526	0.189	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	9169	0.353	ng	-0.01
15) 2-Fluorobiphenyl	13.001	172	60224	0.240	ng	0.00
27) Fluoranthene-d10	19.149	212	108300	0.241	ng	0.00
31) Terphenyl-d14	19.749	244	107797	0.363	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.633	42	712	0.029	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.501	198	27	0.239	ng	# 1
23) Atrazine	16.605	200	166	0.099	ng	# 1
24) Pentachlorophenol	16.776	266	907	0.302	ng	99
25) Phenanthrene	17.153	178	16169	0.044	ng	99
34) Bis(2-ethylhexyl)phtha...	21.229	149	18638	0.146	ng	# 97
40) Dibenzo(a,h)anthracene	25.995	278	678	0.085	ng	# 1

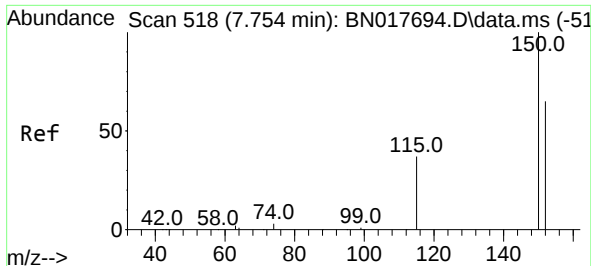
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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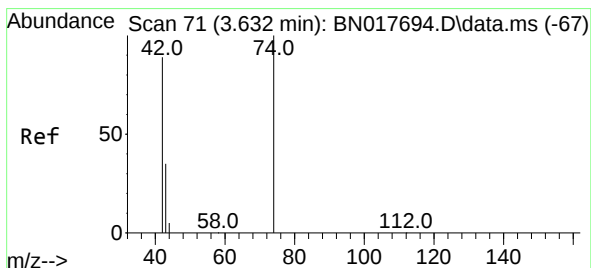
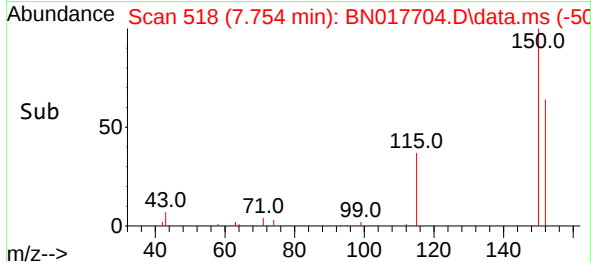
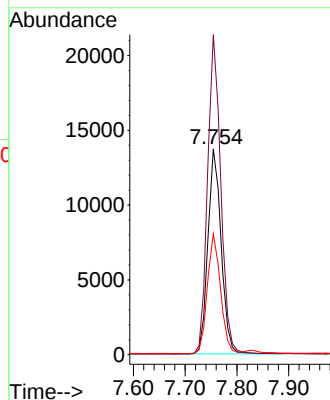
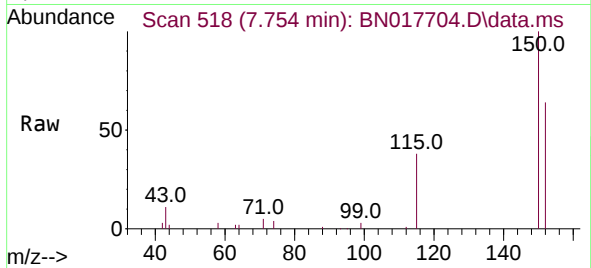




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

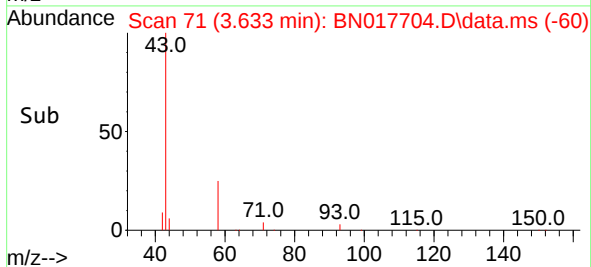
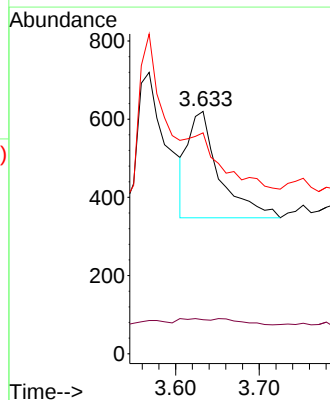
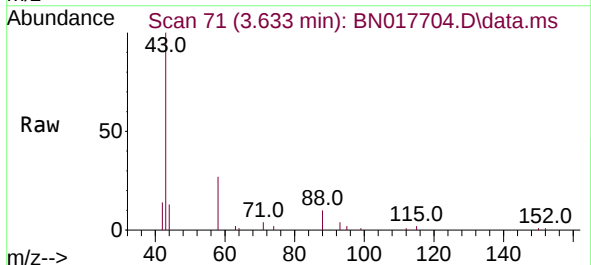
Instrument :
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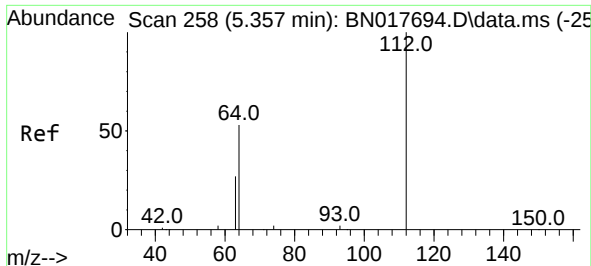
Tgt Ion:152 Resp: 24301
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.4
115 58.7 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.633 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

Tgt Ion: 42 Resp: 712
Ion Ratio Lower Upper
42 100
74 0.0 97.8 146.6#
44 0.0 5.5 8.3#

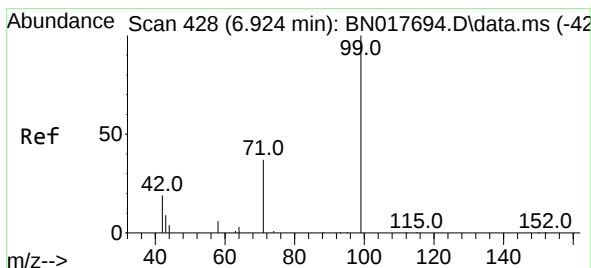
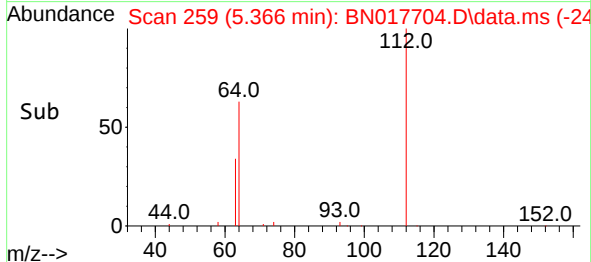
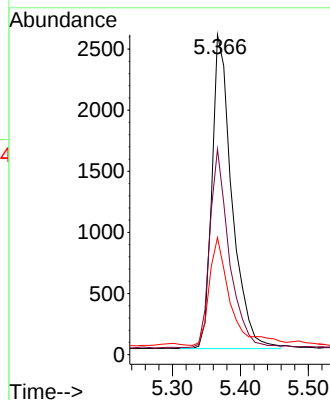
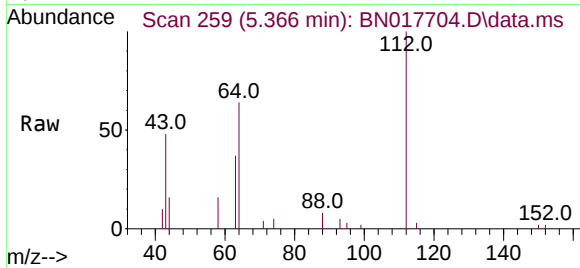




#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.366 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

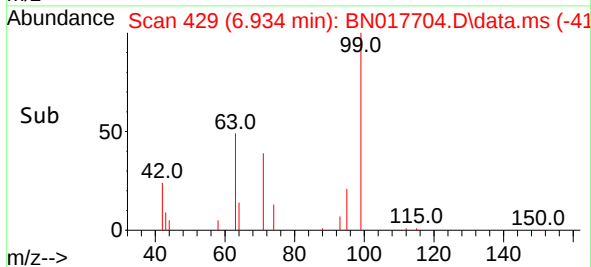
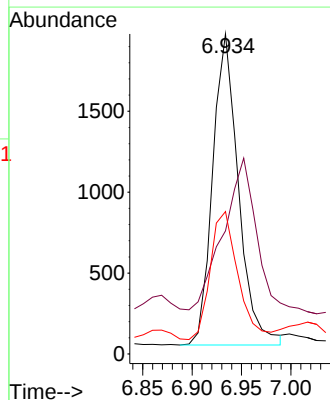
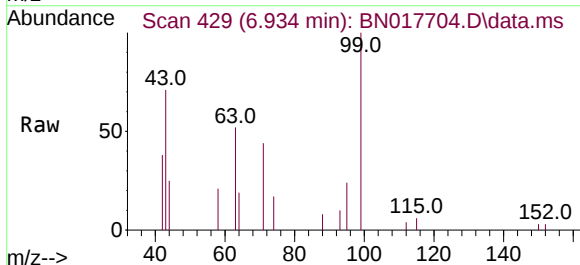
Instrument :
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ClientSampleId :
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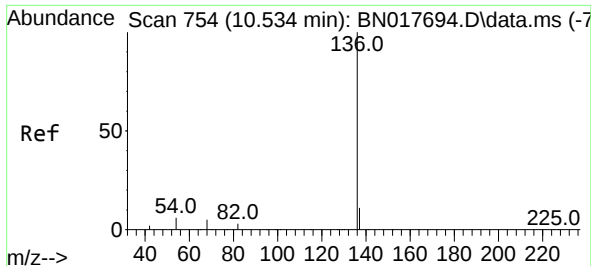
Tgt Ion: 112 Resp: 5244
Ion Ratio Lower Upper
112 100
64 61.2 47.6 71.4
63 35.9 24.6 37.0



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.934 min Scan# 429
Delta R.T. 0.010 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

Tgt Ion: 99 Resp: 3479
Ion Ratio Lower Upper
99 100
42 61.2 17.0 25.6#
71 44.5 24.8 37.2#

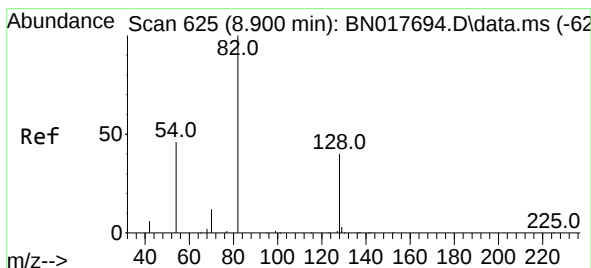
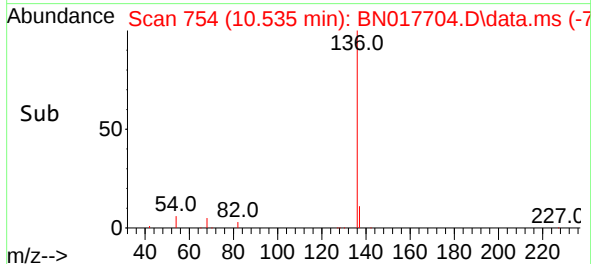
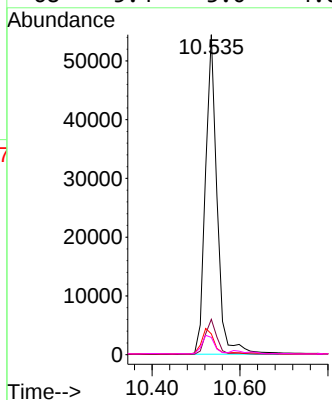
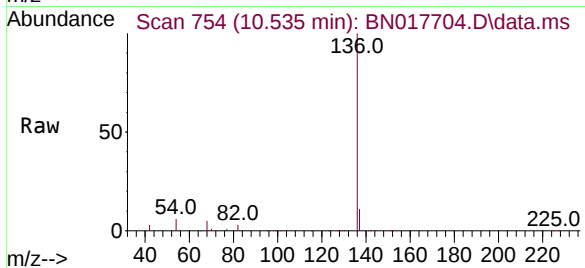




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

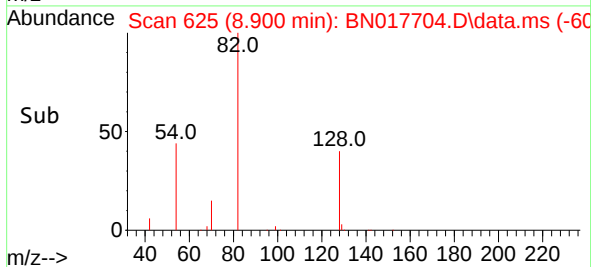
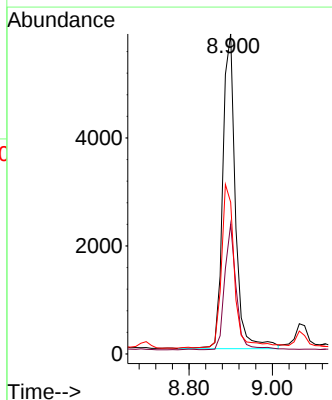
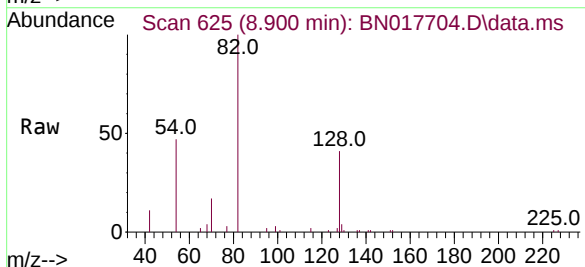
Instrument :
BNA_N
ClientSampleId :
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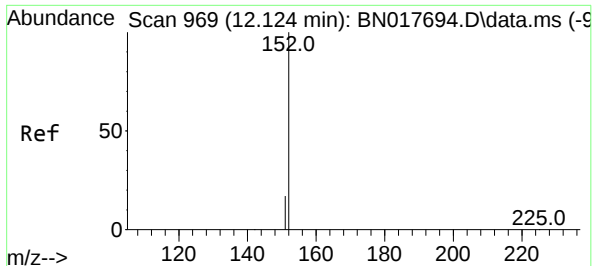
Tgt Ion:136 Resp: 100064
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 4.0 6.0#
68 5.4 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 8.900 min Scan# 625
Delta R.T. -0.000 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

Tgt Ion: 82 Resp: 12322
Ion Ratio Lower Upper
82 100
128 40.6 27.7 41.5
54 47.4 49.2 73.8#

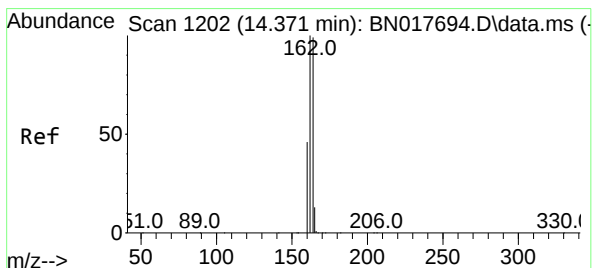
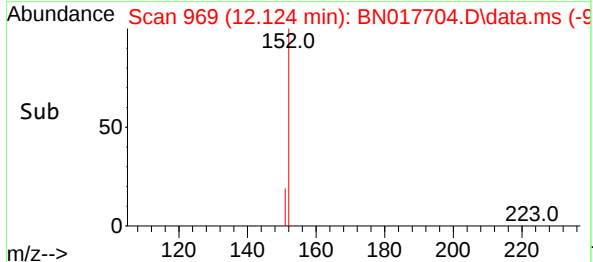
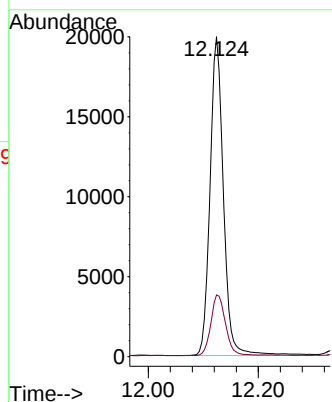
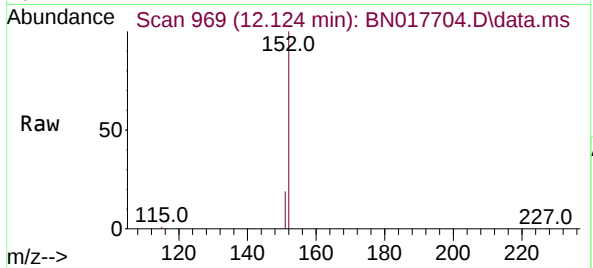




#11
2-Methylnaphthalene-d10
Concen: 0.189 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

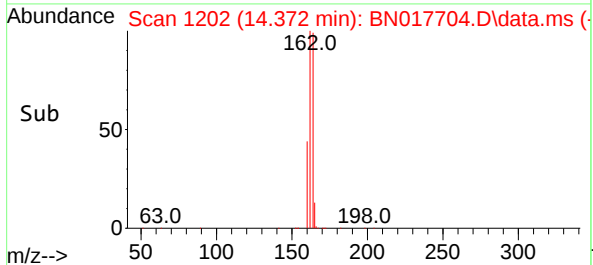
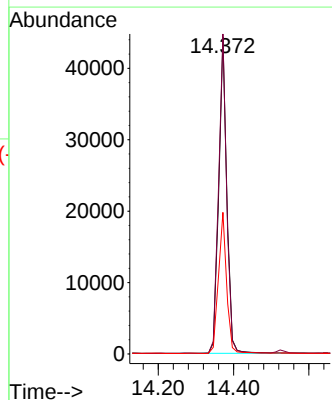
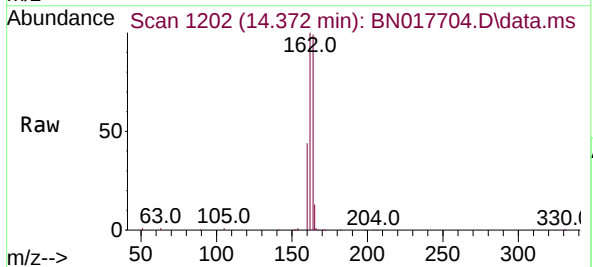
Instrument :
BNA_N
ClientSampleId :
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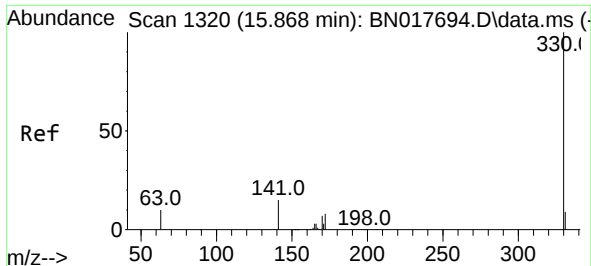
Tgt Ion:152 Resp: 33526
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

Tgt Ion:164 Resp: 65978
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.2
160 44.7 36.8 55.2

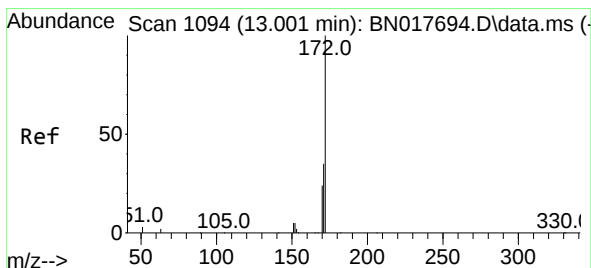
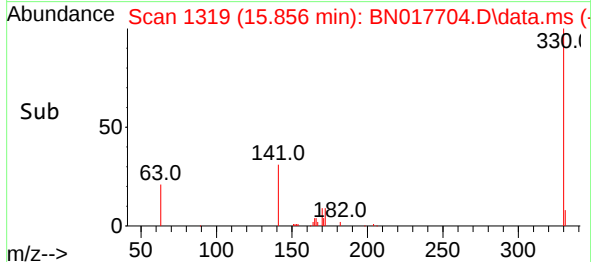
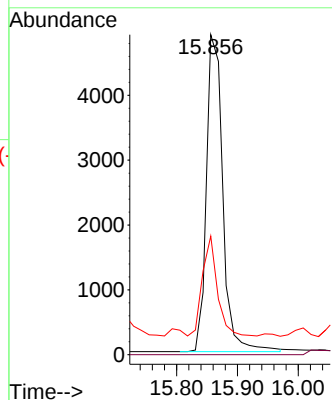
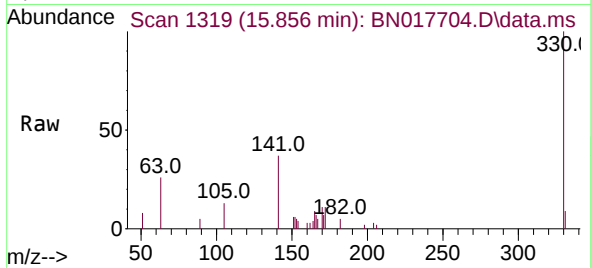




#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.856 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

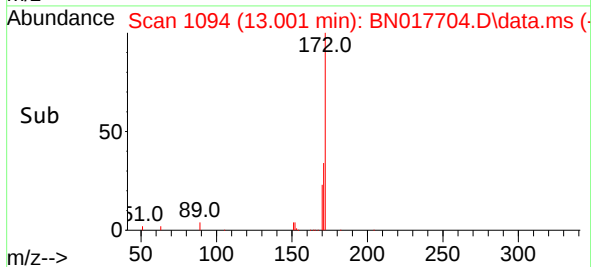
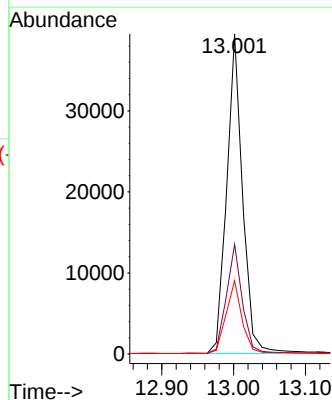
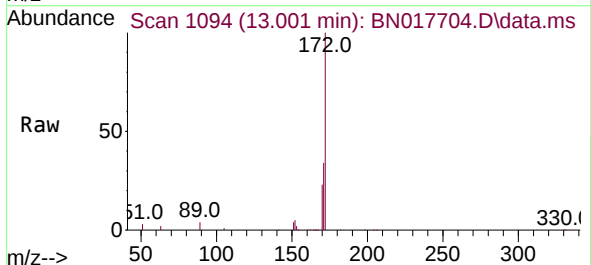
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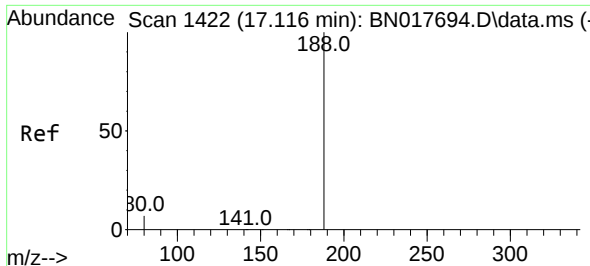
Tgt Ion:330 Resp: 9169
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.7 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

Tgt Ion:172 Resp: 60224
Ion Ratio Lower Upper
172 100
171 34.3 28.7 43.1
170 22.9 19.4 29.2

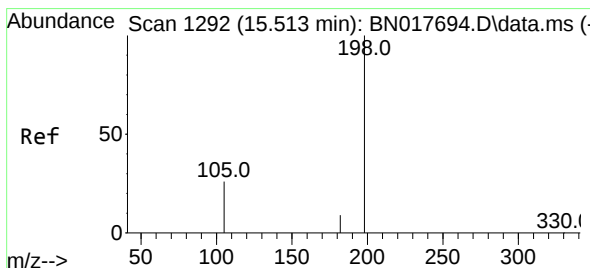
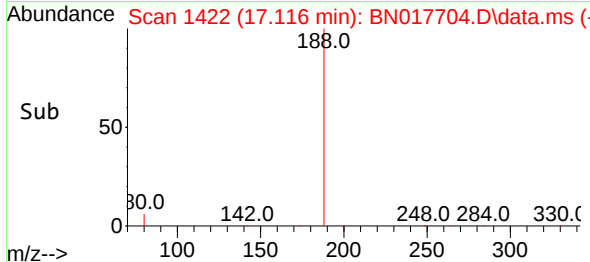
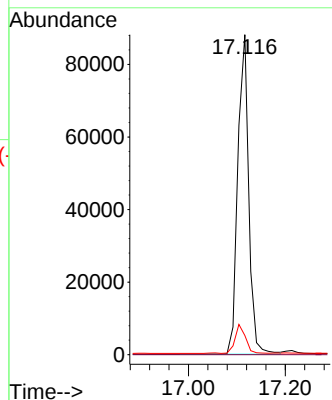
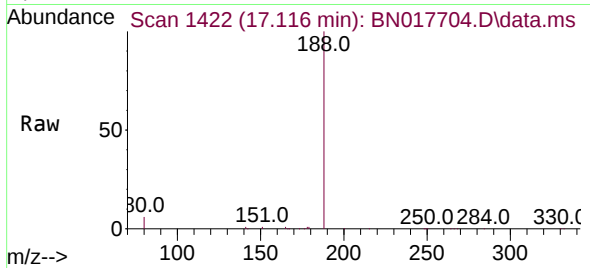




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

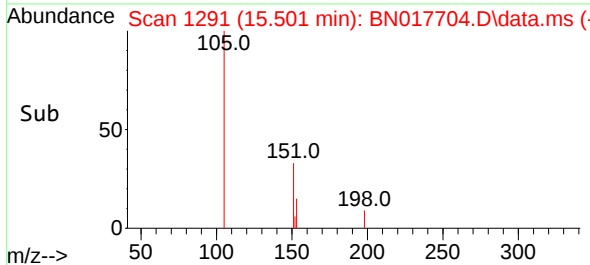
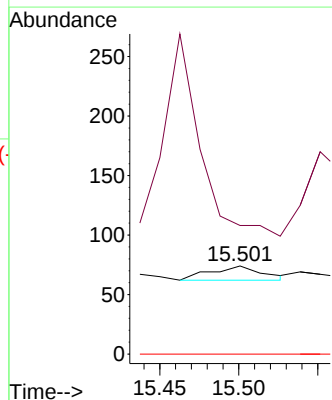
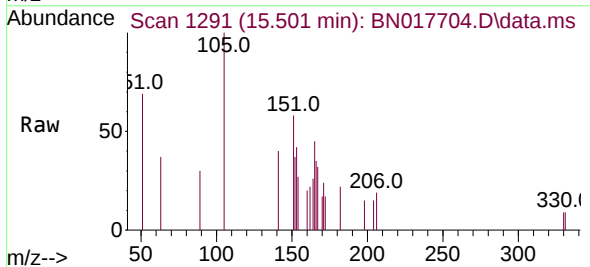
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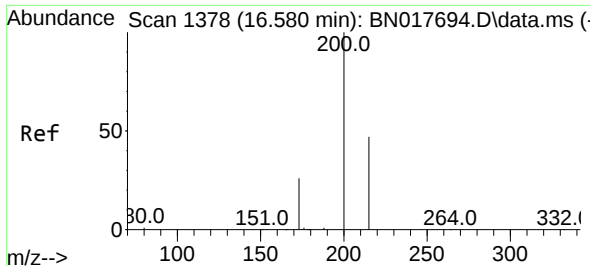
Tgt Ion:188 Resp: 137457
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.0 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.239 ng
RT: 15.501 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

Tgt Ion:198 Resp: 27
Ion Ratio Lower Upper
198 100
182 145.9 11.4 17.2#
77 0.0 0.0 0.0

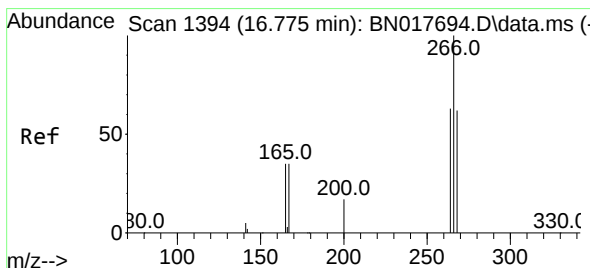
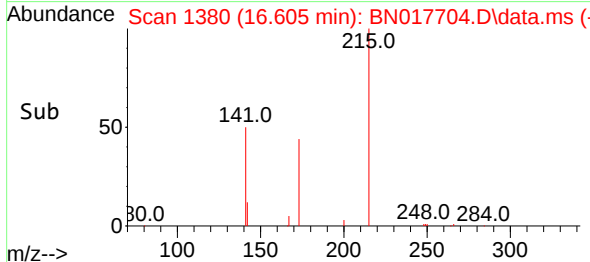
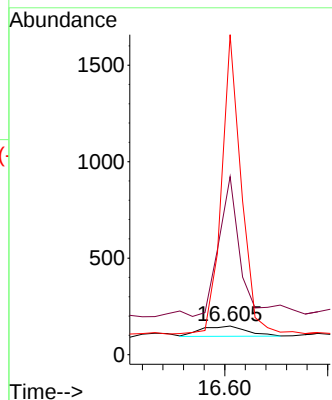
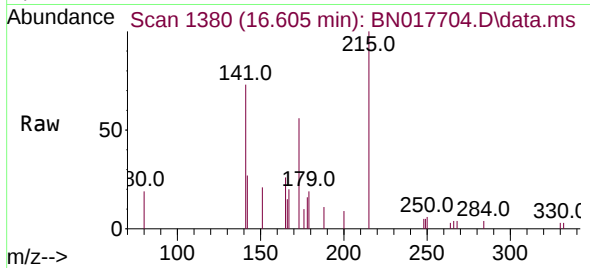




#23
 Atrazine
 Concen: 0.099 ng
 RT: 16.605 min Scan# 11
 Delta R.T. 0.025 min
 Lab File: BN017704.D
 Acq: 03 Dec 2021 23:20

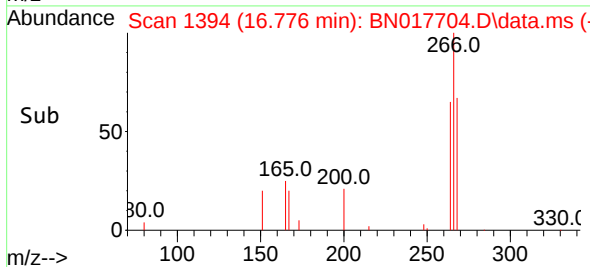
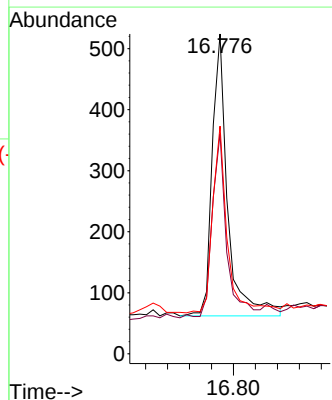
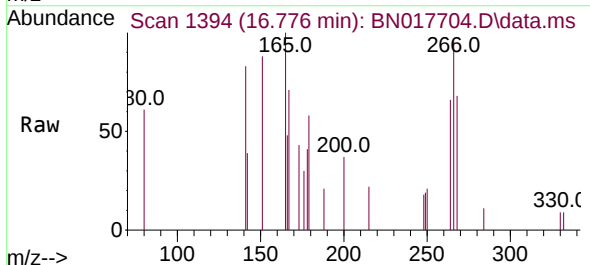
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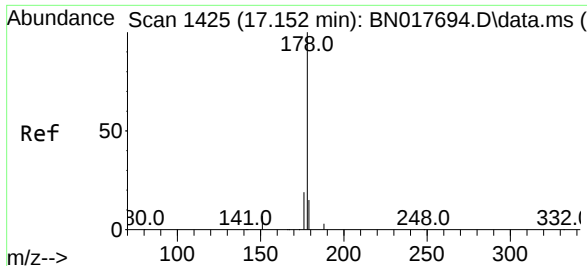
Tgt Ion:200 Resp: 166
 Ion Ratio Lower Upper
 200 100
 173 623.6 17.6 26.4#
 215 1120.3 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.302 ng
 RT: 16.776 min Scan# 1394
 Delta R.T. 0.001 min
 Lab File: BN017704.D
 Acq: 03 Dec 2021 23:20

Tgt Ion:266 Resp: 907
 Ion Ratio Lower Upper
 266 100
 264 61.6 49.8 74.8
 268 62.5 51.3 76.9

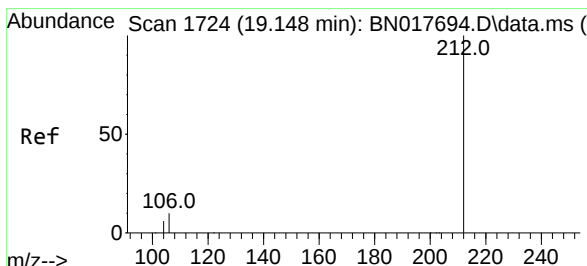
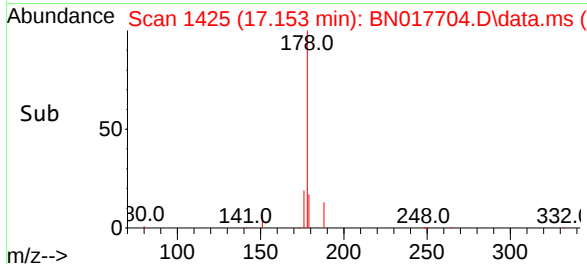
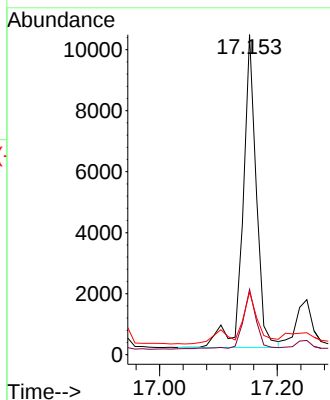
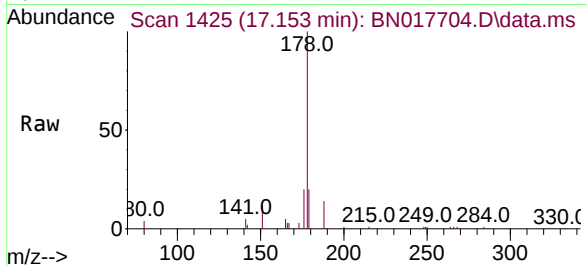




#25
Phenanthrene
Concen: 0.044 ng
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

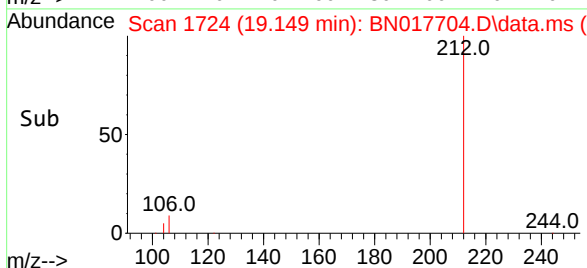
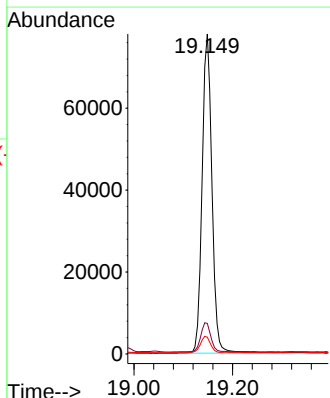
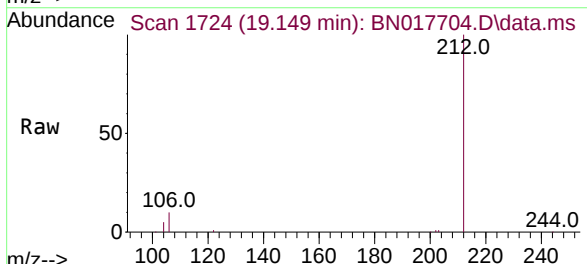
Instrument :
BNA_N
ClientSampleId :
MW-15

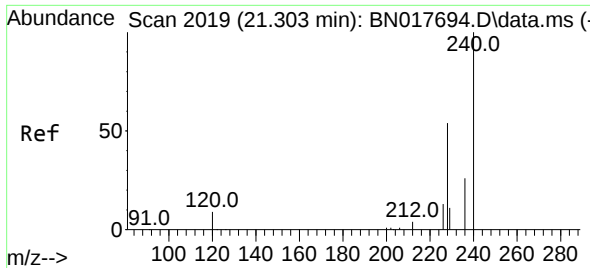
Tgt Ion:178 Resp: 16169
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 14.8 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.241 ng
RT: 19.149 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

Tgt Ion:212 Resp: 108300
Ion Ratio Lower Upper
212 100
106 9.6 10.5 15.7#
104 5.3 5.8 8.6#

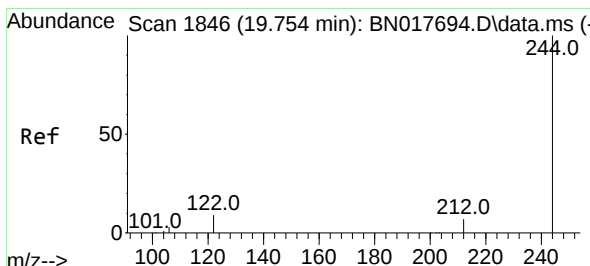
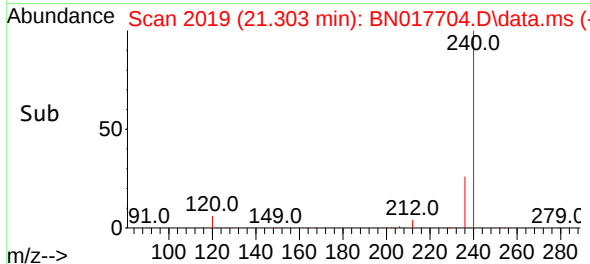
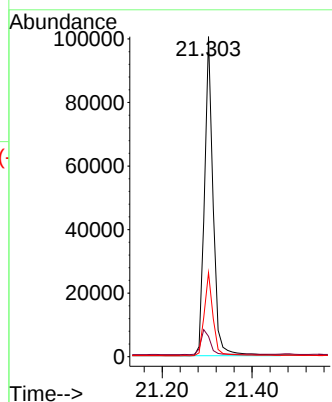
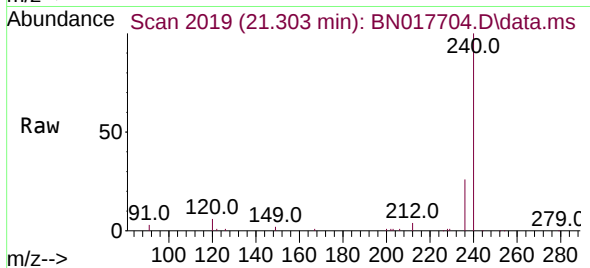




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

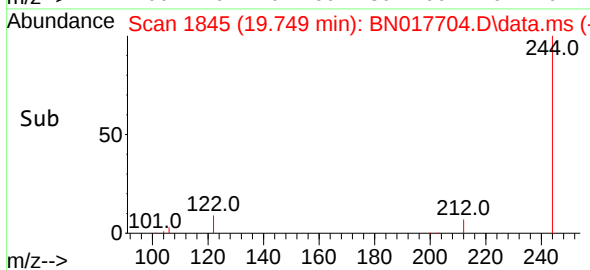
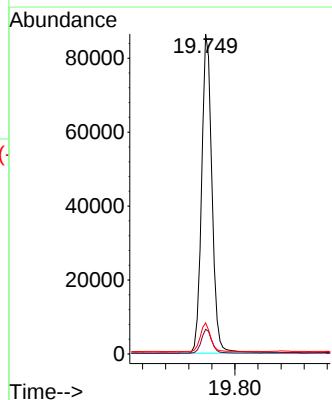
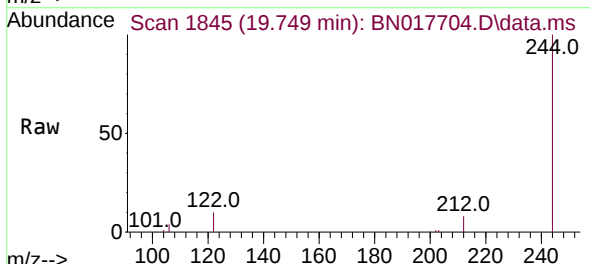
Instrument :
BNA_N
ClientSampleId :
MW-15

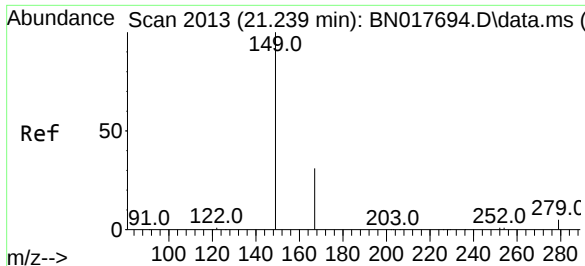
Tgt Ion:240 Resp: 133987
Ion Ratio Lower Upper
240 100
120 6.3 4.2 6.2#
236 26.3 20.0 30.0



#31
Terphenyl-d14
Concen: 0.363 ng
RT: 19.749 min Scan# 1845
Delta R.T. -0.005 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

Tgt Ion:244 Resp: 107797
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.7 8.6 13.0

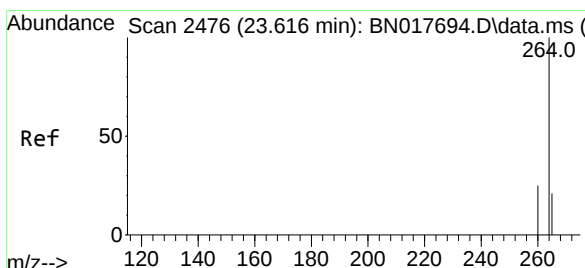
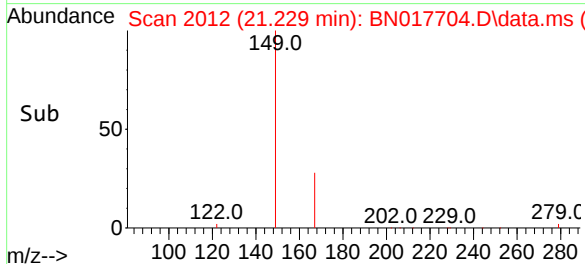
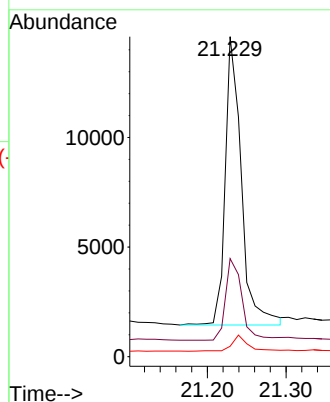
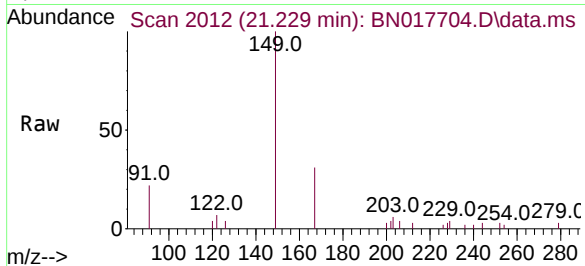




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.146 ng
RT: 21.229 min Scan# 20
Delta R.T. -0.010 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

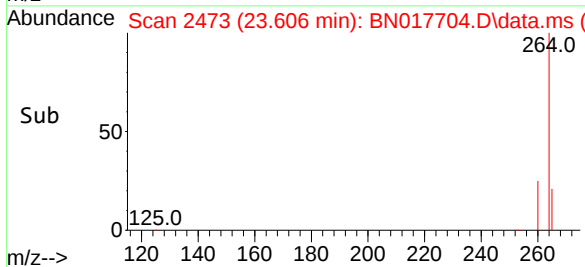
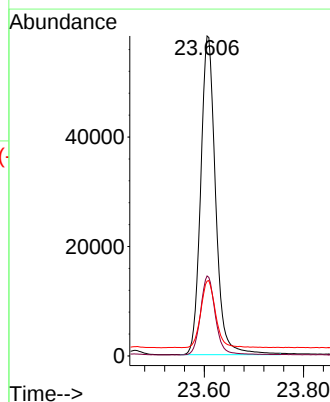
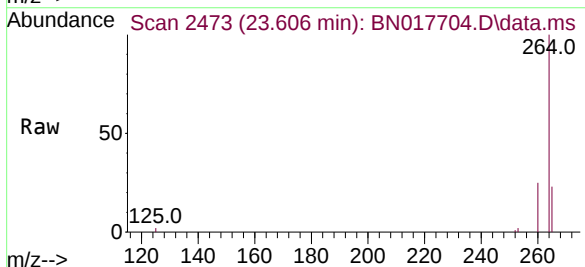
Instrument :
BNA_N
ClientSampleId :
MW-15

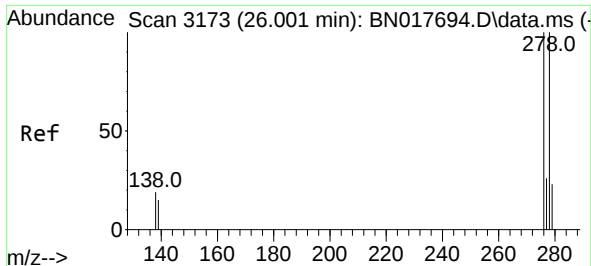
Tgt Ion:149 Resp: 18638
Ion Ratio Lower Upper
149 100
167 28.7 21.8 32.6
279 5.6 3.4 5.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.606 min Scan# 2473
Delta R.T. -0.010 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

Tgt Ion:264 Resp: 121371
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 23.4 18.6 28.0





#40
Dibenzo(a,h)anthracene
Concen: 0.085 ng
RT: 25.995 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN017704.D
Acq: 03 Dec 2021 23:20

Instrument :
BNA_N
ClientSampleId :
MW-15

Tgt Ion:278 Resp: 678
Ion Ratio Lower Upper
278 100
139 288.3 13.0 19.6#
279 97.7 19.2 28.8#

