

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017708.D
 Acq On : 04 Dec 2021 01:44
 Operator : CG/JU
 Sample : M4917-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-23

Quant Time: Dec 04 02:20:29 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

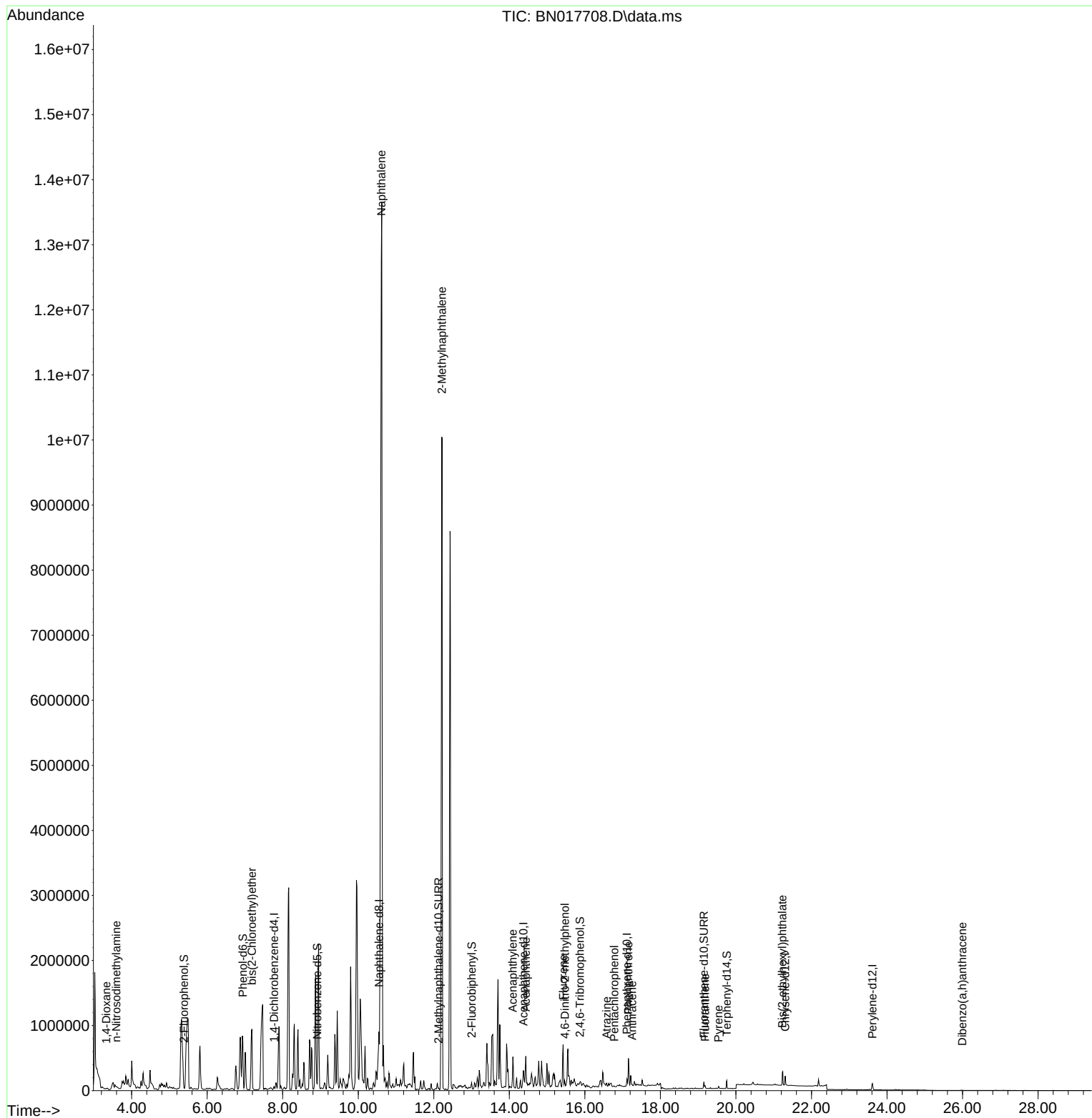
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.773	152	20741	0.400	ng	0.02
7) Naphthalene-d8	10.547	136	84307	0.400	ng	# 0.01
13) Acenaphthene-d10	14.372	164	76622	0.400	ng	# 0.00
19) Phenanthrene-d10	17.116	188	124796	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	131635	0.400	ng	# 0.00
35) Perylene-d12	23.613	264	134566	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	26026	0.533	ng	0.03
5) Phenol-d6	6.943	99	6966	0.140	ng	0.02
8) Nitrobenzene-d5	8.913	82	21868	0.536	ng	0.01
11) 2-Methylnaphthalene-d10	12.129	152	42335	0.284	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	9057	0.320	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	75089	0.257	ng	0.00
27) Fluoranthene-d10	19.149	212	120864	0.297	ng	0.00
31) Terphenyl-d14	19.754	244	119954	0.411	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.329	88	322	0.021	ng	# 1
3) n-Nitrosodimethylamine	3.596	42	69064	3.323	ng	# 1
6) bis(2-Chloroethyl)ether	7.183	93	87842	1.653	ng	# 1
9) Naphthalene	10.611	128	25127015	116.885	ng	# 93
12) 2-Methylnaphthalene	12.218	142	8230840	58.626	ng	# 94
16) Acenaphthylene	14.093	152	65027	0.221	ng	# 1
17) Acenaphthene	14.435	154	212836	1.059	ng	96
18) Fluorene	15.425	166	369753	1.482	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.475	198	254	0.274	ng	# 1
23) Atrazine	16.581	200	10120	0.261	ng	# 8
24) Pentachlorophenol	16.776	266	954	0.305	ng	87
25) Phenanthrene	17.153	178	446743	1.347	ng	96
26) Anthracene	17.250	178	30986	0.108	ng	# 81
28) Fluoranthene	19.183	202	35562	0.090	ng	# 93
30) Pyrene	19.541	202	33734	0.080	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.229	149	223837	1.789	ng	# 95
40) Dibenzo(a,h)anthracene	25.995	278	1414	0.087	ng	# 1

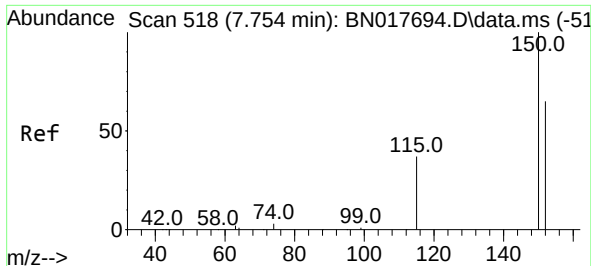
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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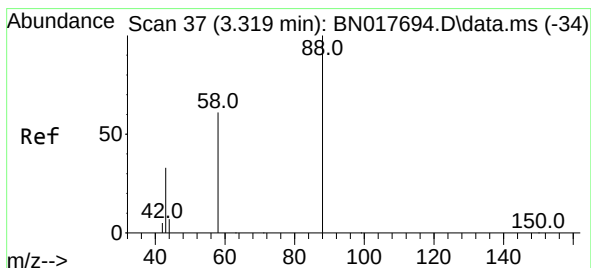
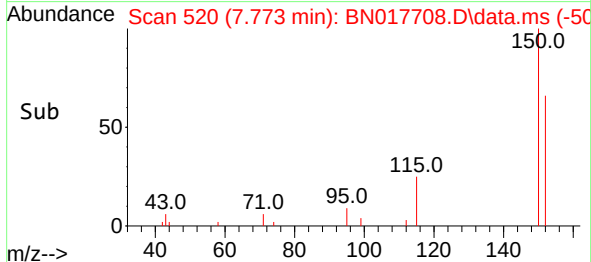
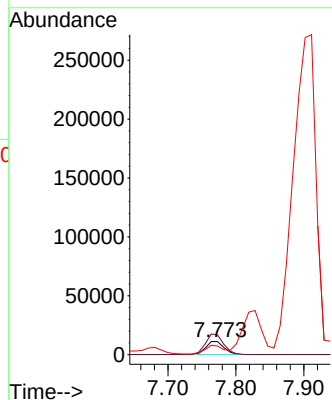
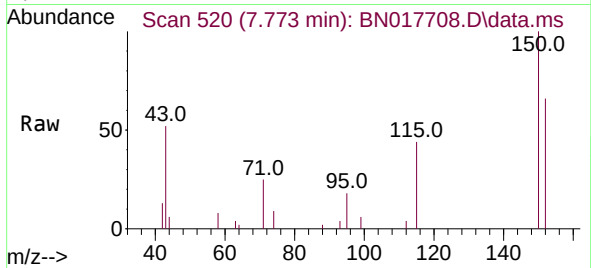




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.773 min Scan# 51
 Delta R.T. 0.019 min
 Lab File: BN017708.D
 Acq: 04 Dec 2021 01:44

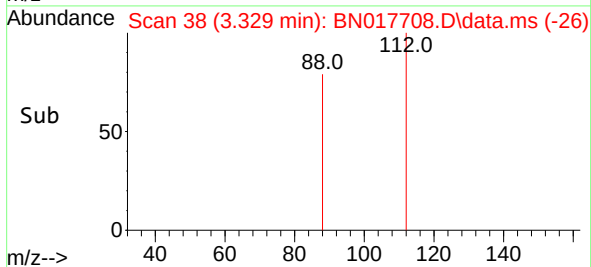
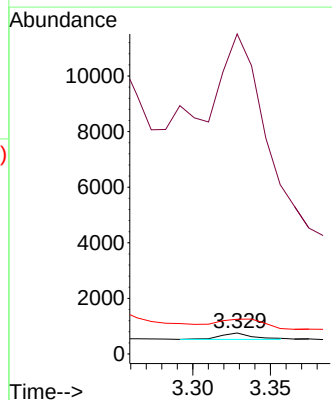
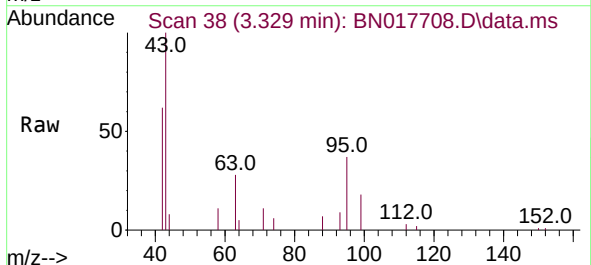
Instrument :
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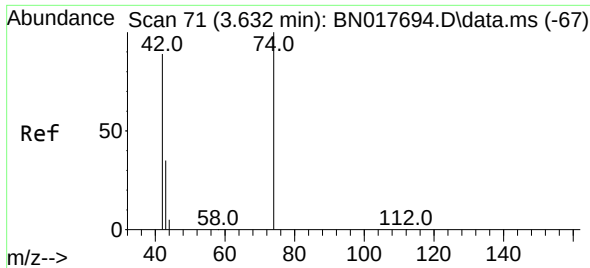
Tgt Ion:152 Resp: 20741
 Ion Ratio Lower Upper
 152 100
 150 150.4 123.0 184.4
 115 65.9 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.329 min Scan# 38
 Delta R.T. 0.010 min
 Lab File: BN017708.D
 Acq: 04 Dec 2021 01:44

Tgt Ion: 88 Resp: 322
 Ion Ratio Lower Upper
 88 100
 43 2648.8 24.7 37.1#
 58 219.9 63.0 94.6#

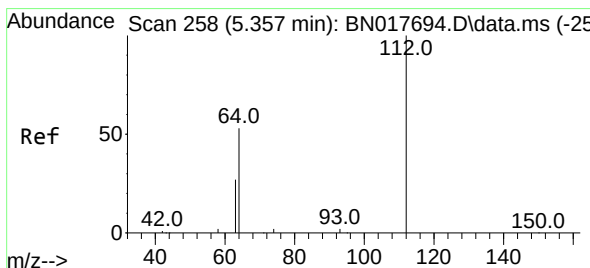
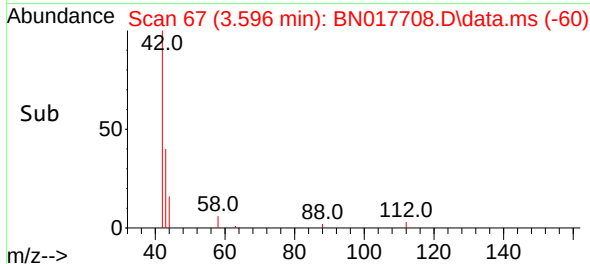
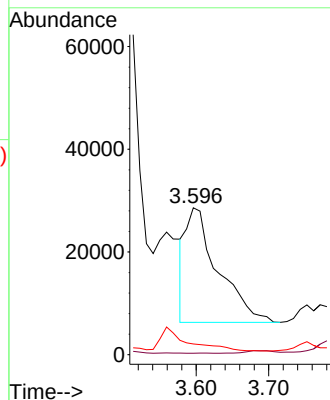
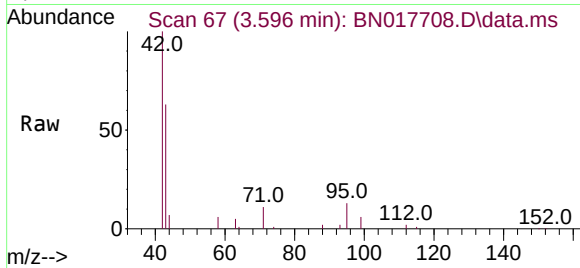




#3
 n-Nitrosodimethylamine
 Concen: 3.323 ng
 RT: 3.596 min Scan# 61
 Delta R.T. -0.036 min
 Lab File: BN017708.D
 Acq: 04 Dec 2021 01:44

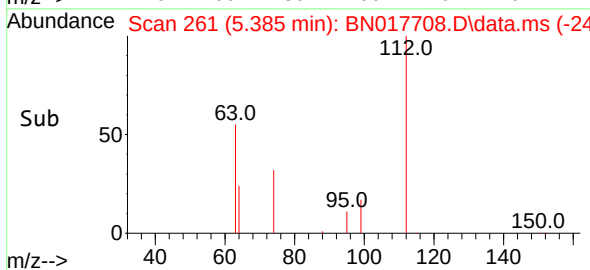
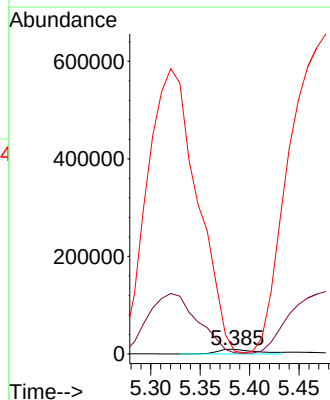
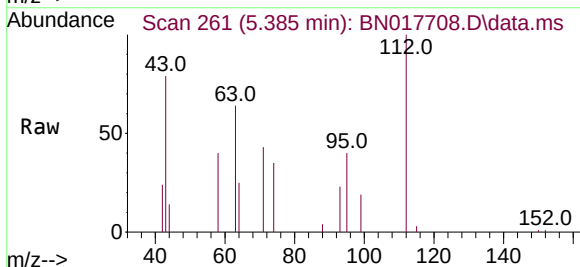
Instrument :
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 ClientSampleId :
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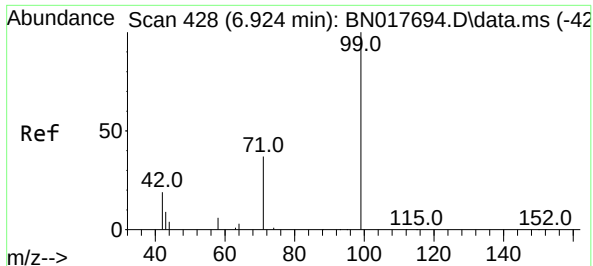
Tgt Ion: 42 Resp: 69064
 Ion Ratio Lower Upper
 42 100
 74 0.0 97.8 146.6#
 44 0.0 5.5 8.3#



#4
 2-Fluorophenol
 Concen: 0.533 ng
 RT: 5.385 min Scan# 261
 Delta R.T. 0.028 min
 Lab File: BN017708.D
 Acq: 04 Dec 2021 01:44

Tgt Ion: 112 Resp: 26026
 Ion Ratio Lower Upper
 112 100
 64 0.0 47.6 71.4#
 63 0.0 24.6 37.0#

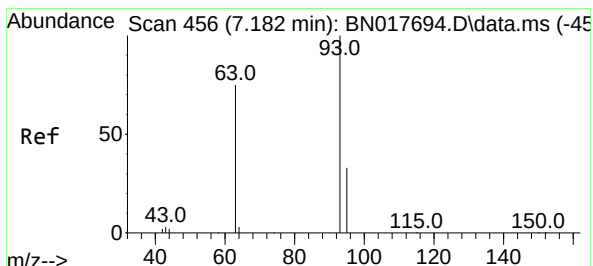
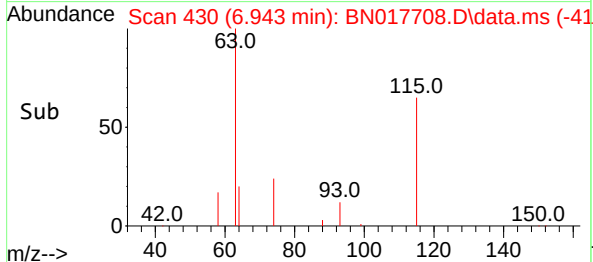
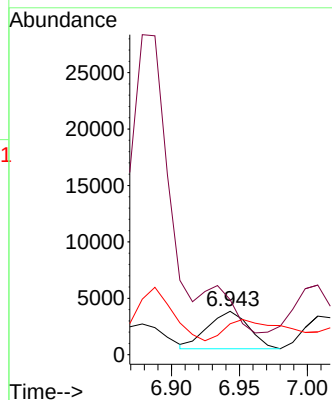
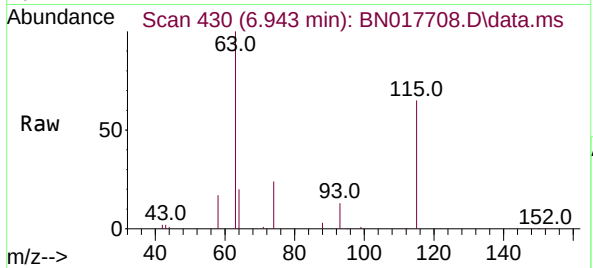




#5
Phenol-d6
Concen: 0.140 ng
RT: 6.943 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

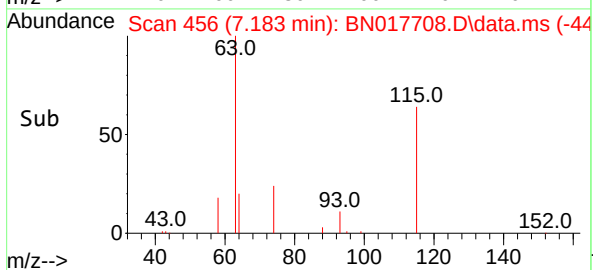
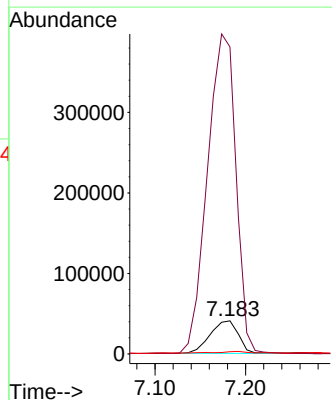
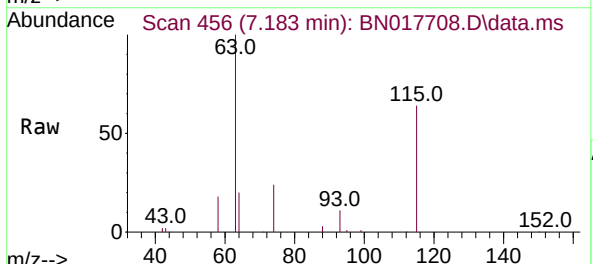
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BNA_N
ClientSampleId :
MW-23

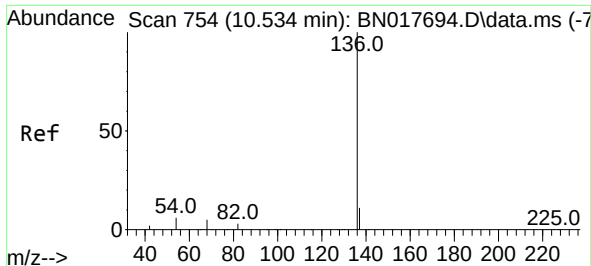
Tgt Ion: 99 Resp: 6966
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 79.3 24.8 37.2#



#6
bis(2-Chloroethyl)ether
Concen: 1.653 ng
RT: 7.183 min Scan# 456
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion: 93 Resp: 87842
Ion Ratio Lower Upper
93 100
63 991.1 65.8 98.6#
95 5.3 26.6 39.8#

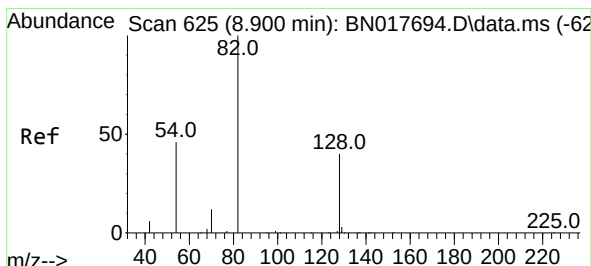
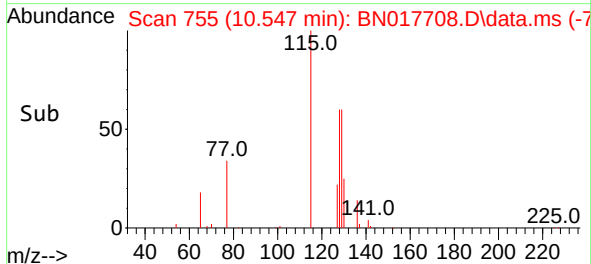
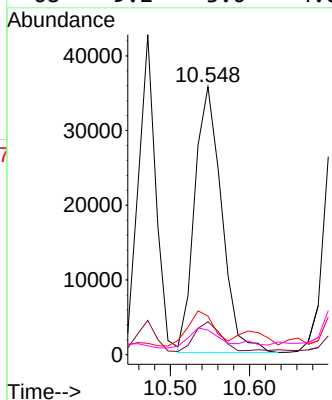
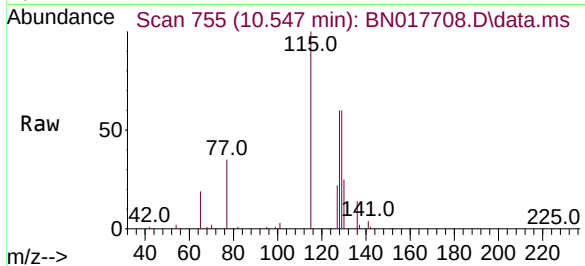




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.547 min Scan# 71
Delta R.T. 0.013 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

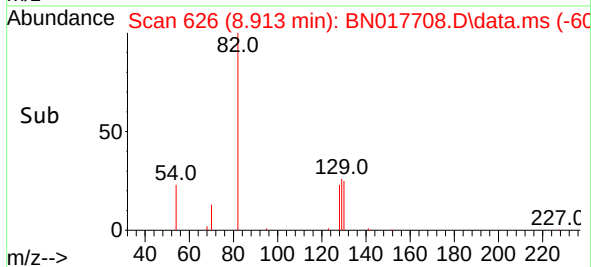
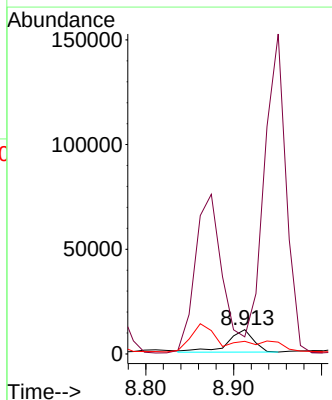
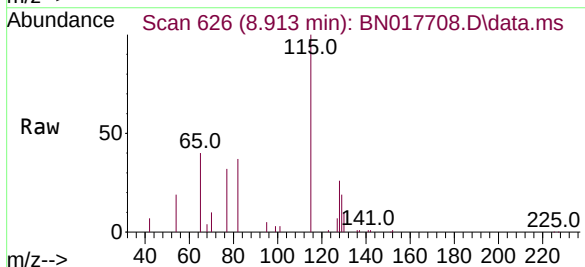
Instrument :
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ClientSampleId :
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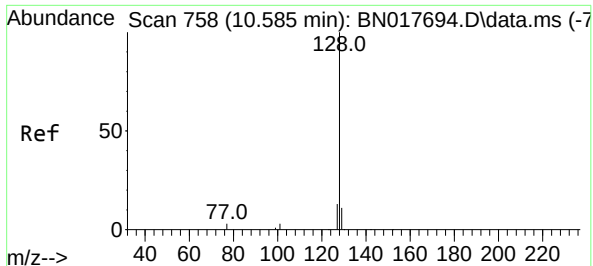
Tgt Ion:136 Resp: 84307
Ion Ratio Lower Upper
136 100
137 12.3 8.8 13.2
54 14.4 4.0 6.0#
68 9.2 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.536 ng
RT: 8.913 min Scan# 626
Delta R.T. 0.013 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion: 82 Resp: 21868
Ion Ratio Lower Upper
82 100
128 70.6 27.7 41.5#
54 51.7 49.2 73.8

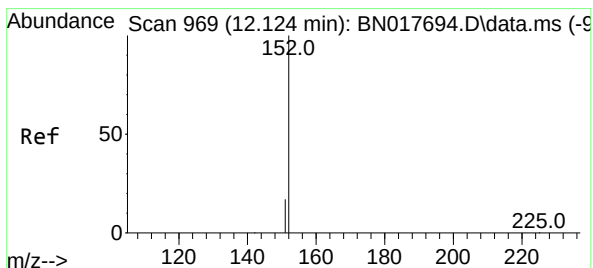
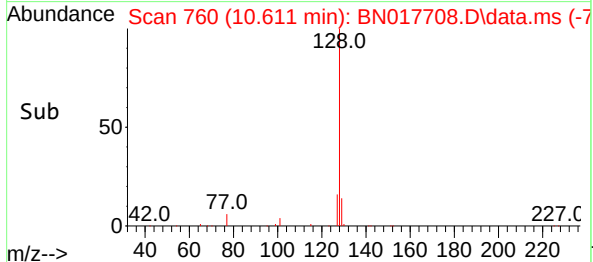
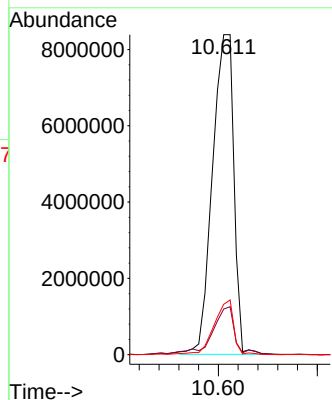
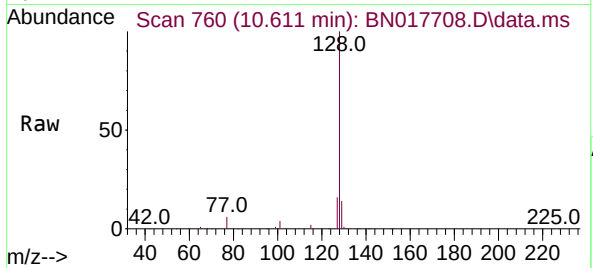




#9
Naphthalene
Concen: 116.885 ng
RT: 10.611 min Scan# 70
Delta R.T. 0.026 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

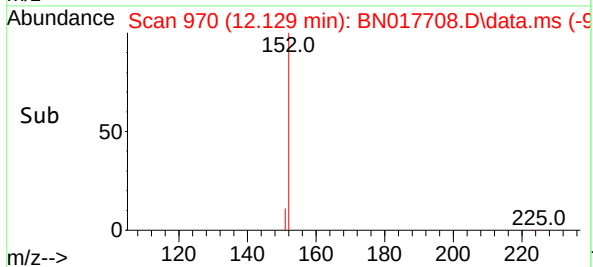
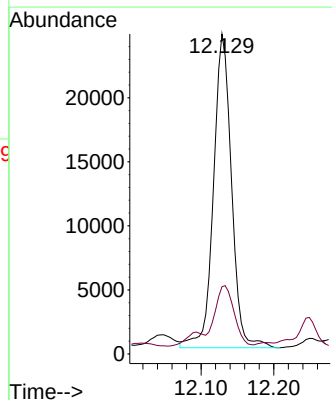
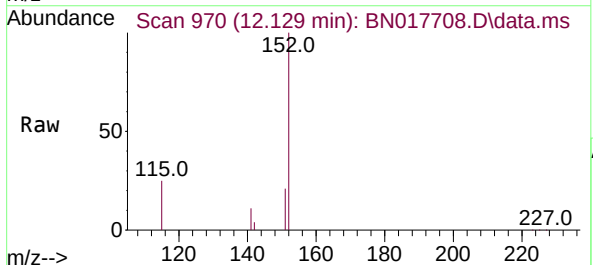
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ClientSampleId :
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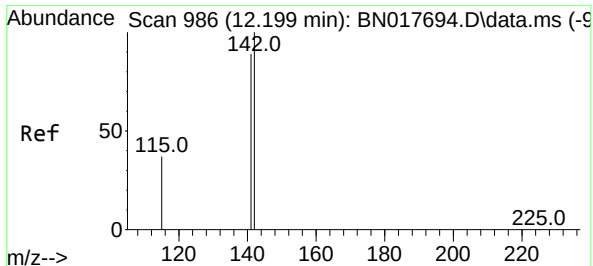
Tgt Ion:128 Resp:25127015
Ion Ratio Lower Upper
128 100
129 14.3 8.8 13.2#
127 15.8 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.129 min Scan# 970
Delta R.T. 0.005 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion:152 Resp: 42335
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4





#12

2-Methylnaphthalene

Concen: 58.626 ng

RT: 12.218 min Scan# 990

Delta R.T. 0.018 min

Lab File: BN017708.D

Acq: 04 Dec 2021 01:44

Instrument :

BNA_N

ClientSampleId :

MW-23

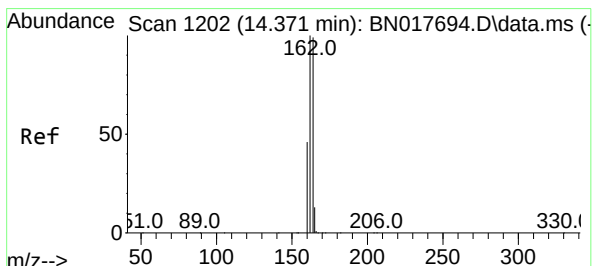
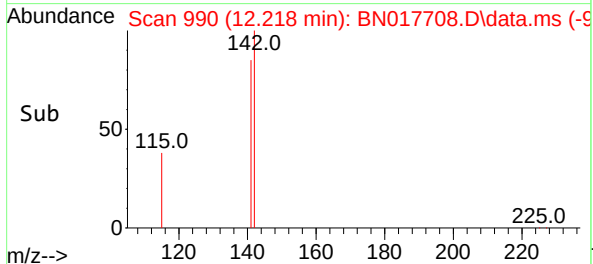
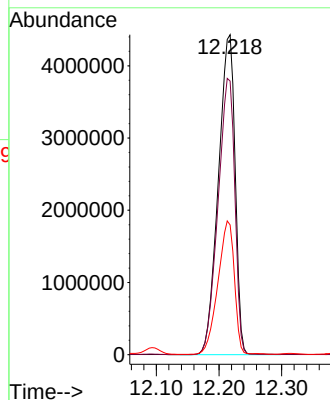
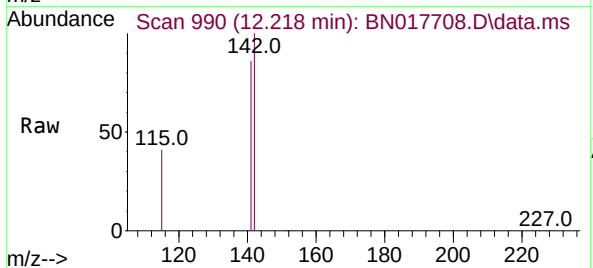
Tgt Ion:142 Resp: 8230840

Ion Ratio Lower Upper

142 100

141 85.5 70.6 106.0

115 40.5 25.8 38.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.372 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BN017708.D

Acq: 04 Dec 2021 01:44

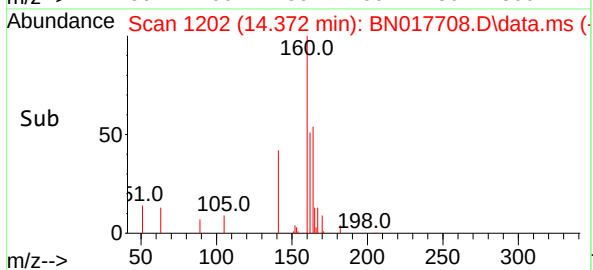
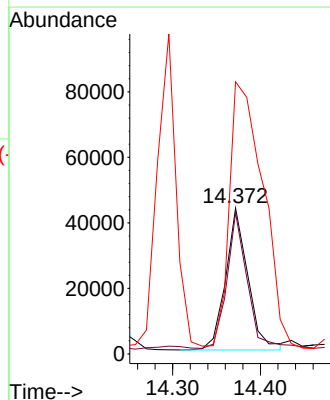
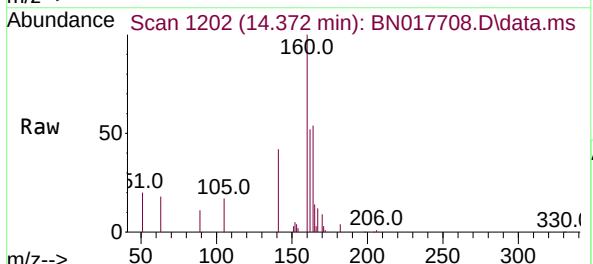
Tgt Ion:164 Resp: 76622

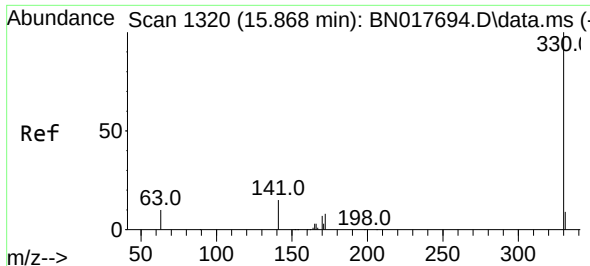
Ion Ratio Lower Upper

164 100

162 96.7 81.4 122.2

160 186.5 36.8 55.2#

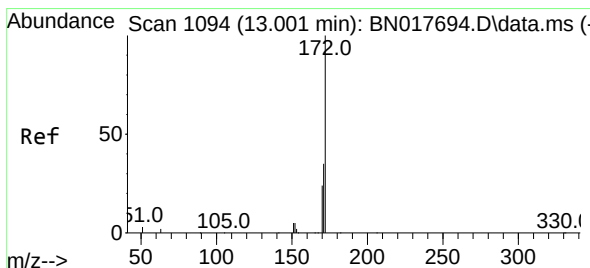
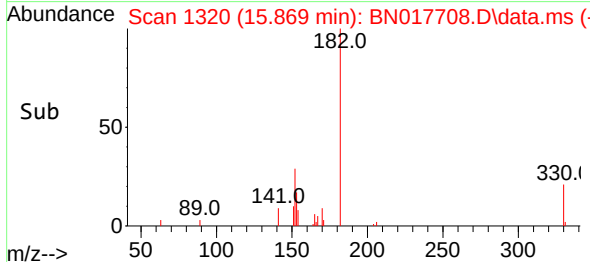
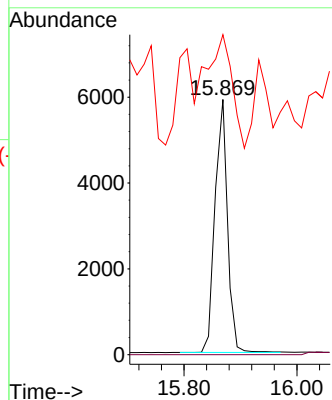
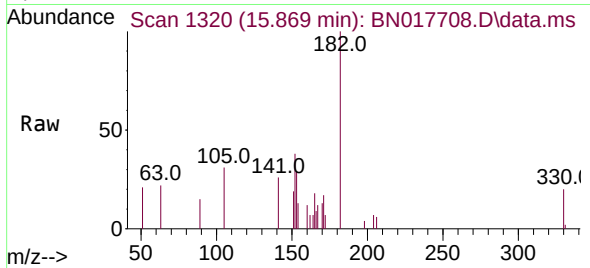




#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 15.869 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

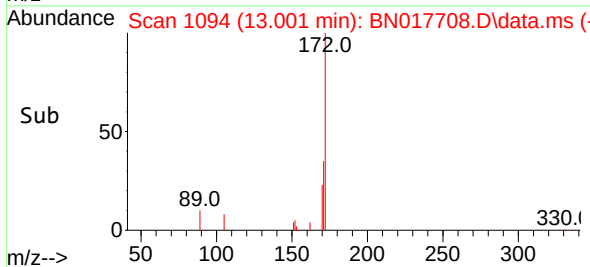
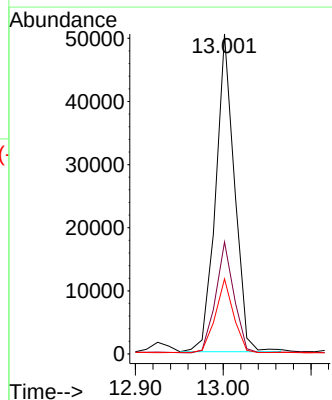
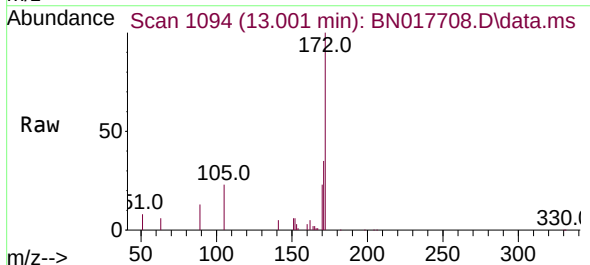
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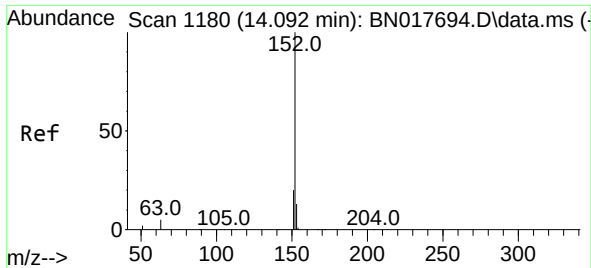
Tgt Ion:330 Resp: 9057
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 93.7 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion:172 Resp: 75089
Ion Ratio Lower Upper
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171 35.0 28.7 43.1
170 23.5 19.4 29.2

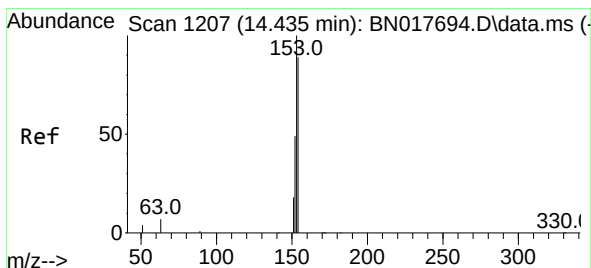
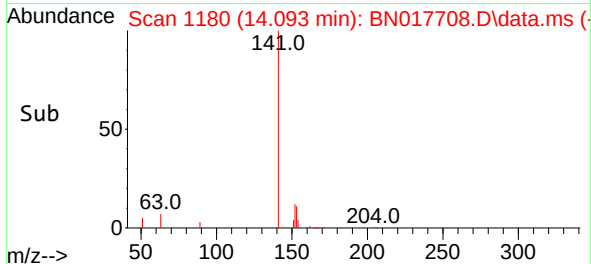
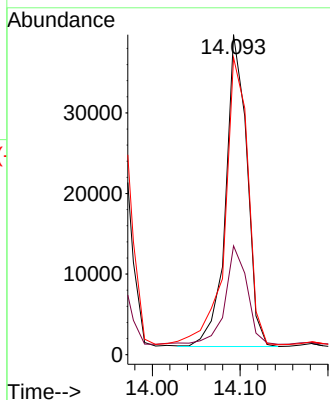
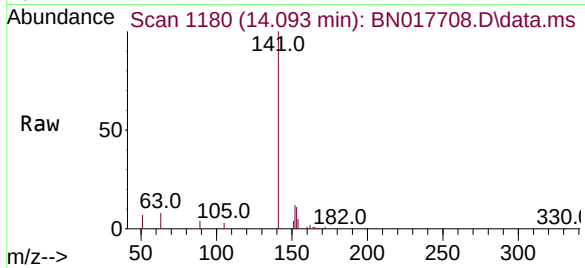




#16
Acenaphthylene
Concen: 0.221 ng
RT: 14.093 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

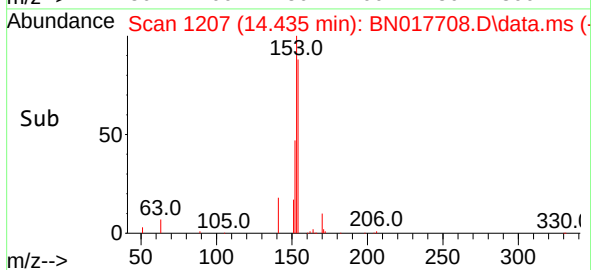
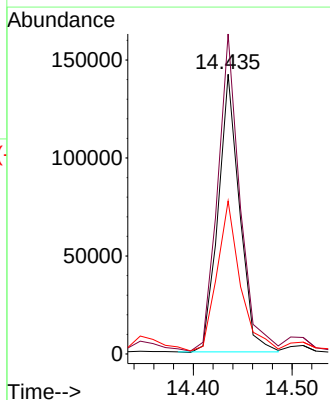
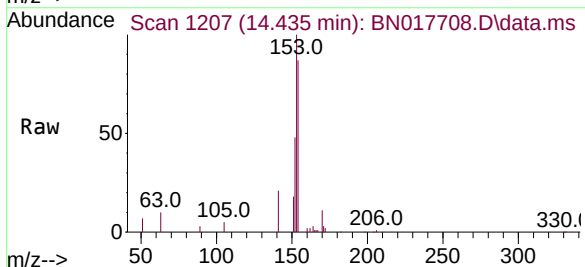
Instrument :
BNA_N
ClientSampleId :
MW-23

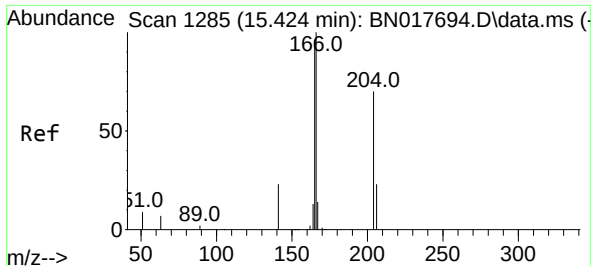
Tgt Ion:152 Resp: 65027
Ion Ratio Lower Upper
152 100
151 32.5 15.5 23.3#
153 100.0 10.4 15.6#



#17
Acenaphthene
Concen: 1.059 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion:154 Resp: 212836
Ion Ratio Lower Upper
154 100
153 118.4 91.2 136.8
152 58.7 44.3 66.5

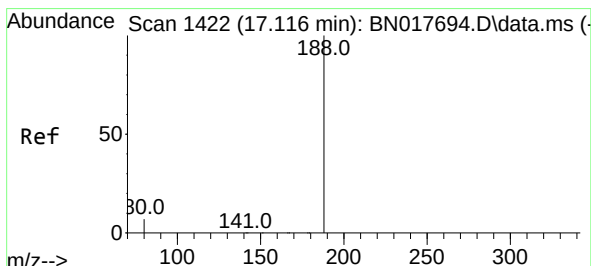
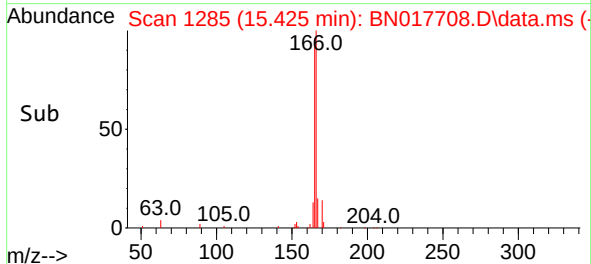
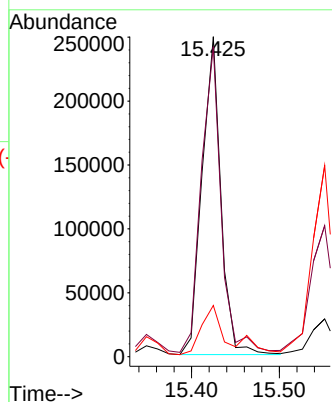
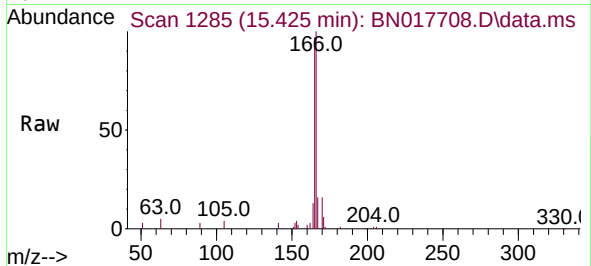




#18
Fluorene
Concen: 1.482 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

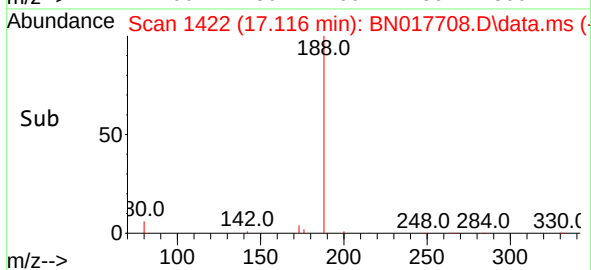
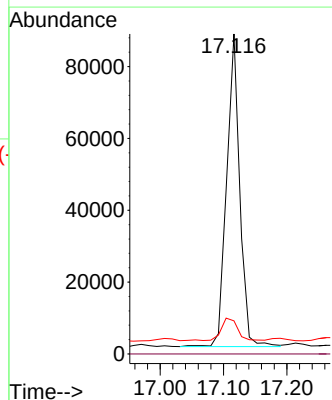
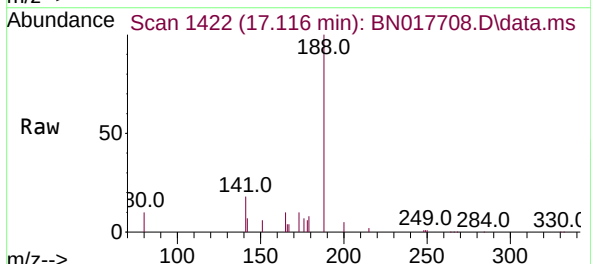
Instrument :
BNA_N
ClientSampleId :
MW-23

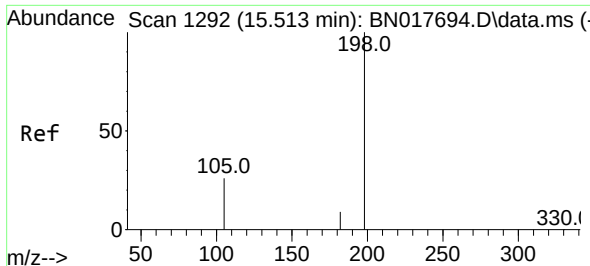
Tgt Ion:166 Resp: 369753
Ion Ratio Lower Upper
166 100
165 100.6 77.9 116.9
167 16.7 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion:188 Resp: 124796
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 6.1 9.1#

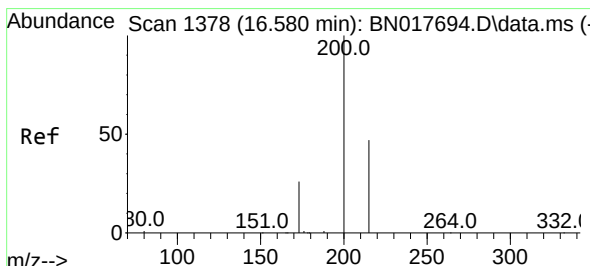
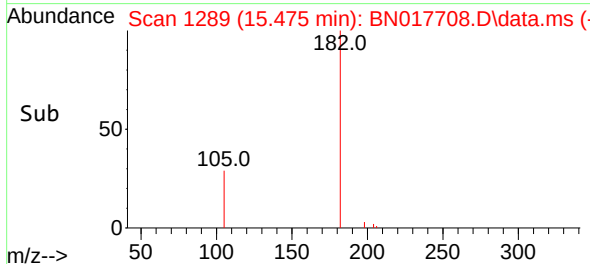
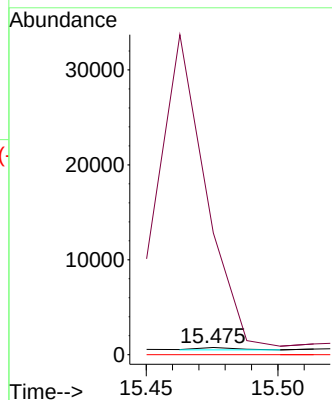
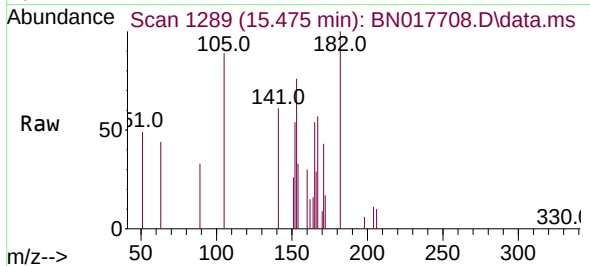




#20
4,6-Dinitro-2-methylphenol
Concen: 0.274 ng
RT: 15.475 min Scan# 1289
Delta R.T. -0.038 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

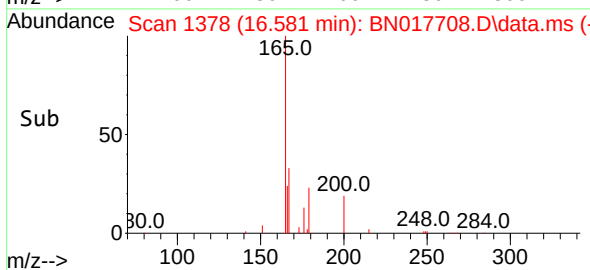
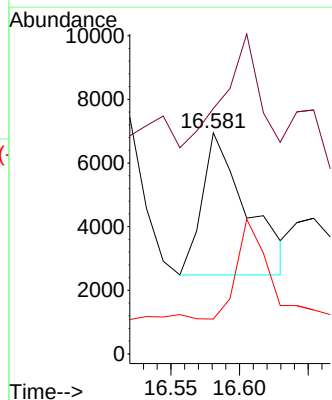
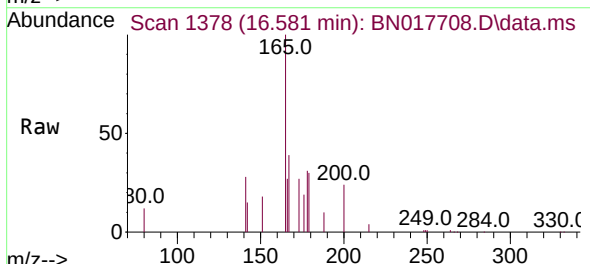
Instrument :
BNA_N
ClientSampleId :
MW-23

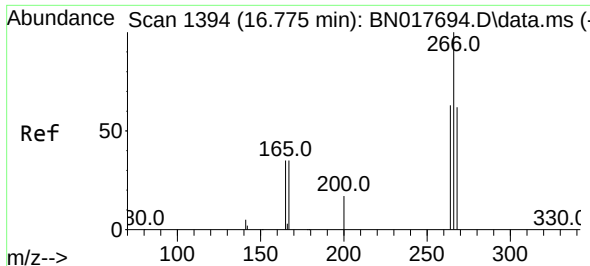
Tgt Ion:198 Resp: 254
Ion Ratio Lower Upper
198 100
182 1674.7 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.261 ng
RT: 16.581 min Scan# 1378
Delta R.T. 0.001 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion:200 Resp: 10120
Ion Ratio Lower Upper
200 100
173 111.0 17.6 26.4#
215 15.8 40.2 60.4#

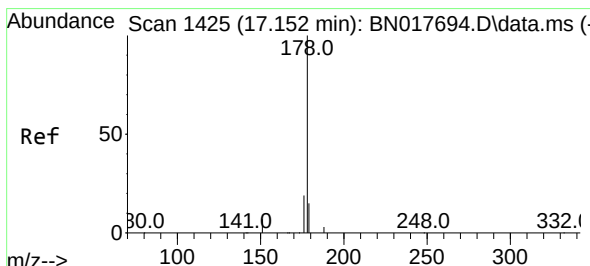
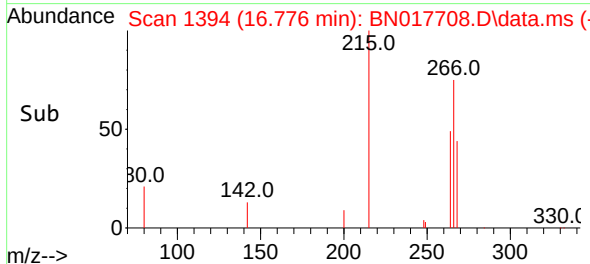
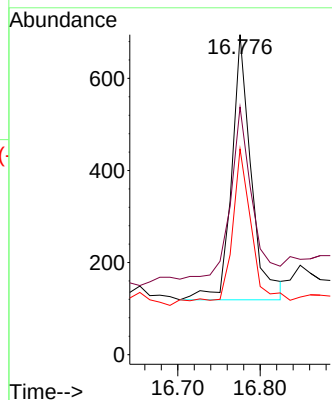
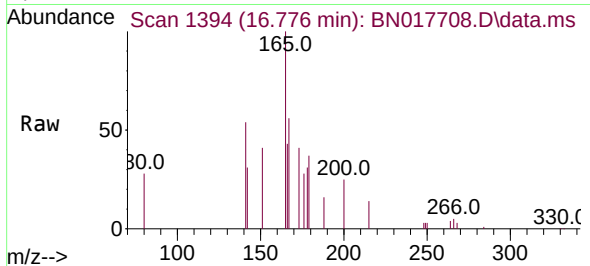




#24
Pentachlorophenol
Concen: 0.305 ng
RT: 16.776 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

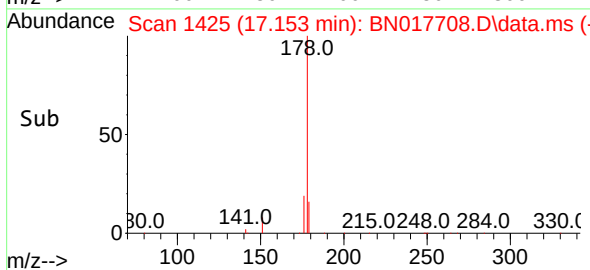
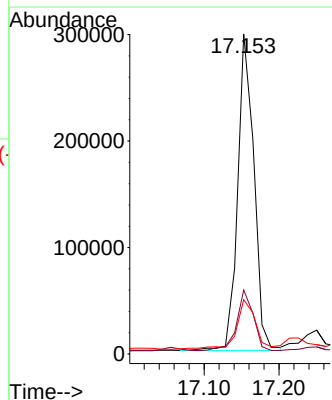
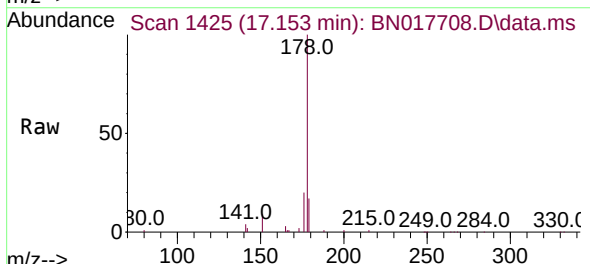
Instrument :
BNA_N
ClientSampleId :
MW-23

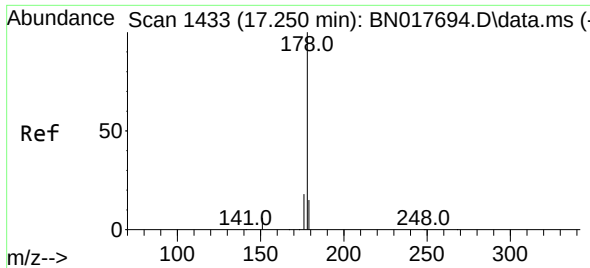
Tgt Ion:266 Resp: 954
Ion Ratio Lower Upper
266 100
264 70.6 49.8 74.8
268 52.3 51.3 76.9



#25
Phenanthrene
Concen: 1.347 ng
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion:178 Resp: 446743
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 18.2 12.3 18.5

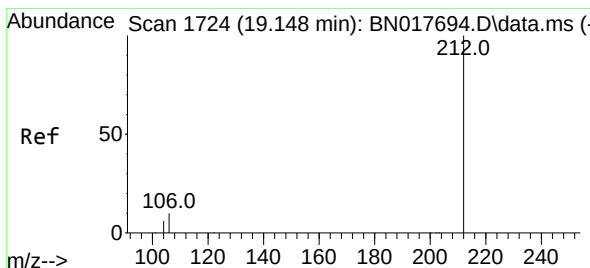
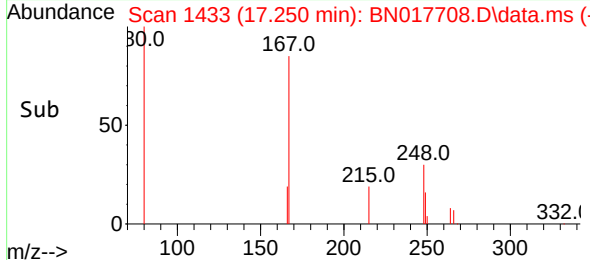
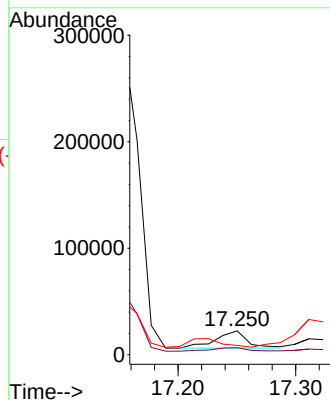
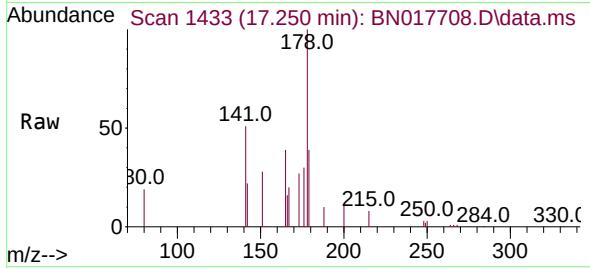




#26
 Anthracene
 Concen: 0.108 ng
 RT: 17.250 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BN017708.D
 Acq: 04 Dec 2021 01:44

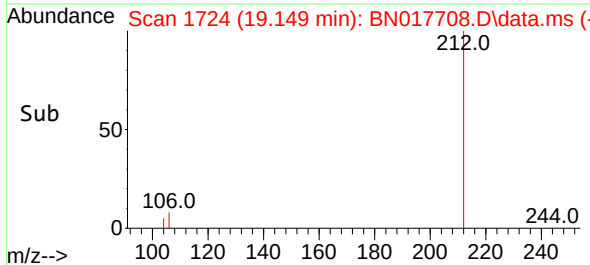
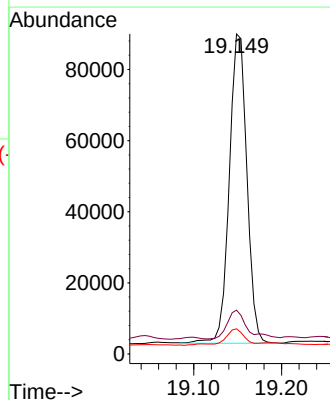
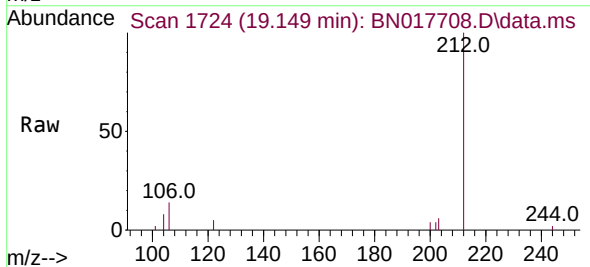
Instrument :
 BNA_N
 ClientSampleId :
 MW-23

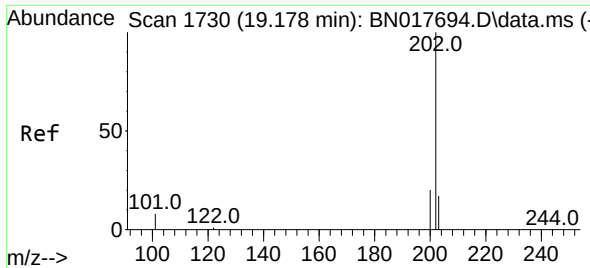
Tgt Ion:178 Resp: 30986
 Ion Ratio Lower Upper
 178 100
 176 20.2 14.6 22.0
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.297 ng
 RT: 19.149 min Scan# 1724
 Delta R.T. 0.000 min
 Lab File: BN017708.D
 Acq: 04 Dec 2021 01:44

Tgt Ion:212 Resp: 120864
 Ion Ratio Lower Upper
 212 100
 106 10.5 10.5 15.7
 104 5.1 5.8 8.6#

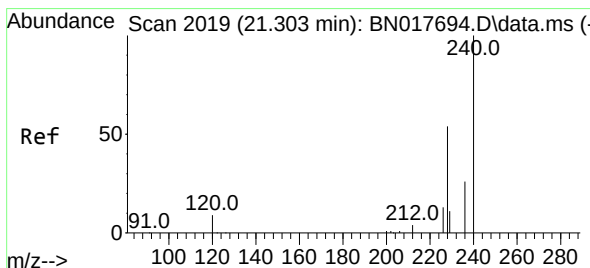
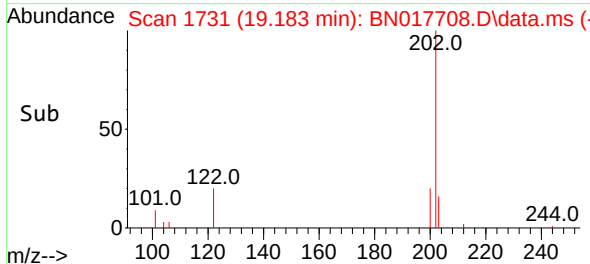
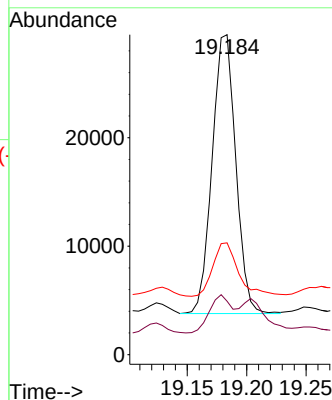
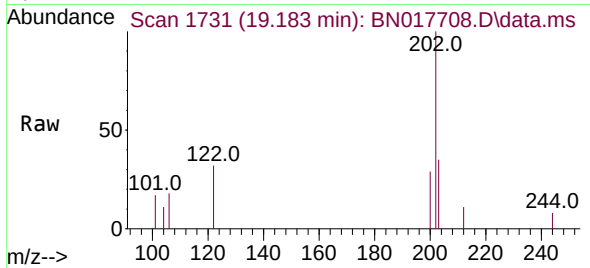




#28
Fluoranthene
Concen: 0.090 ng
RT: 19.183 min Scan# 1730
Delta R.T. 0.005 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

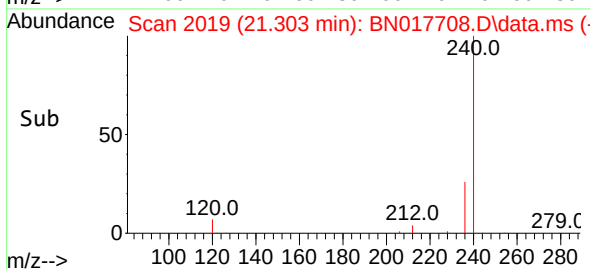
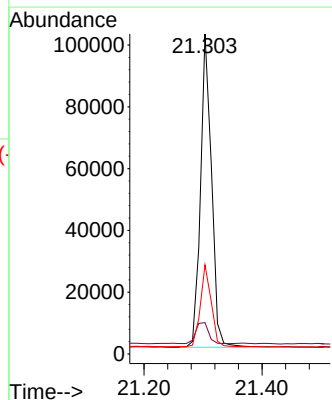
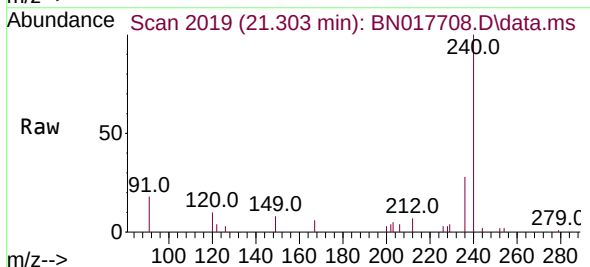
Instrument :
BNA_N
ClientSampleId :
MW-23

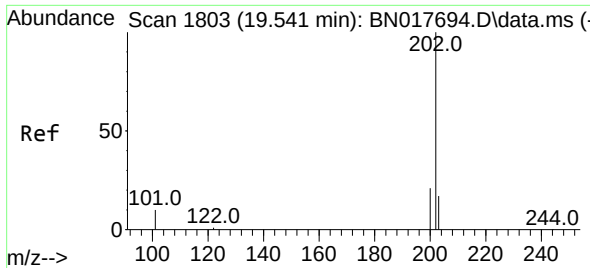
Tgt Ion:202 Resp: 35562
Ion Ratio Lower Upper
202 100
101 12.5 8.9 13.3
203 20.8 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion:240 Resp: 131635
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 27.9 20.0 30.0

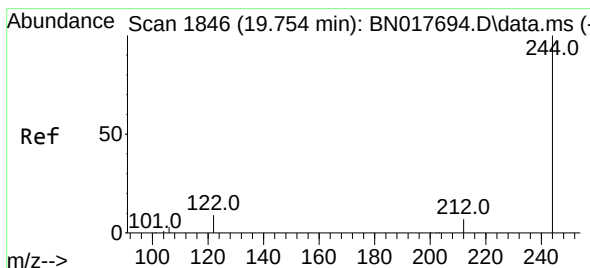
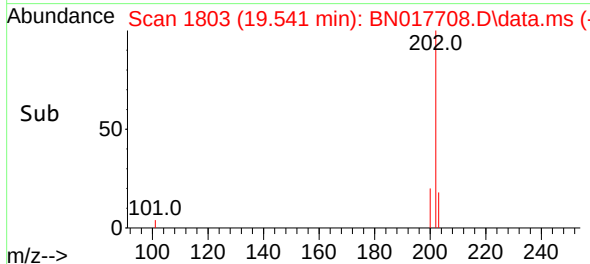
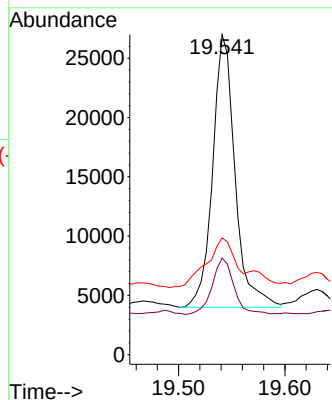
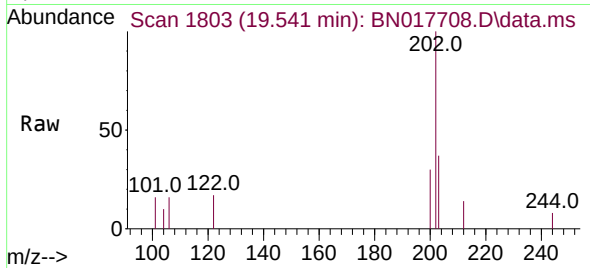




#30
Pyrene
Concen: 0.080 ng
RT: 19.541 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

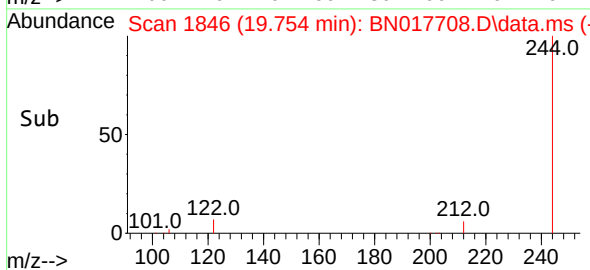
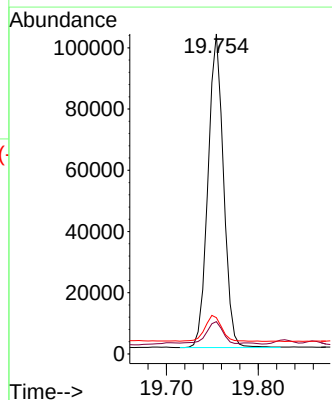
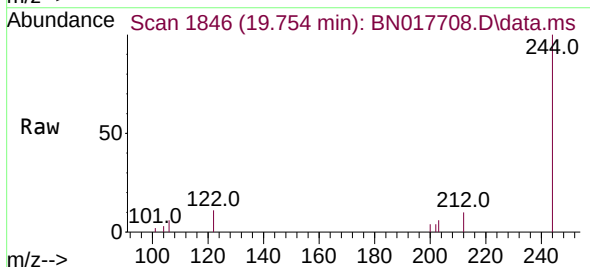
Instrument :
BNA_N
ClientSampleId :
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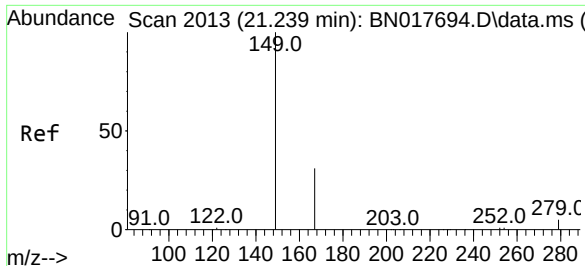
Tgt Ion:202 Resp: 33734
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 23.7 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.411 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017708.D
Acq: 04 Dec 2021 01:44

Tgt Ion:244 Resp: 119954
Ion Ratio Lower Upper
244 100
212 10.1 5.7 8.5#
122 11.4 8.6 13.0

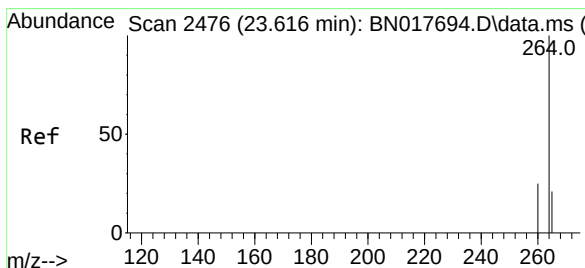
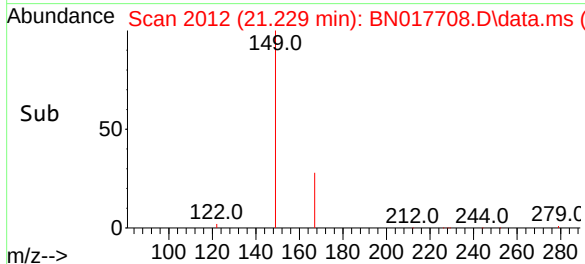
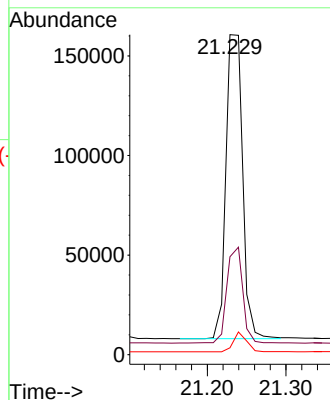
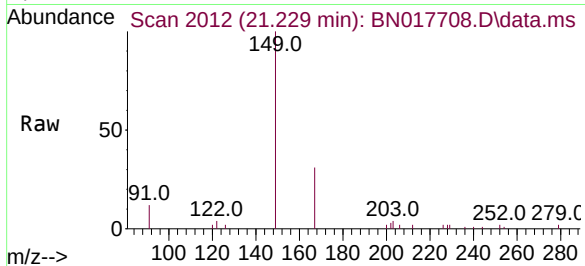




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.789 ng
 RT: 21.229 min Scan# 2013
 Delta R.T. -0.010 min
 Lab File: BN017708.D
 Acq: 04 Dec 2021 01:44

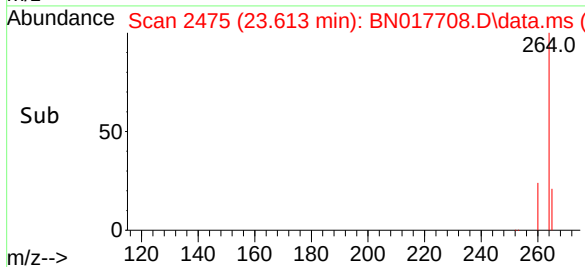
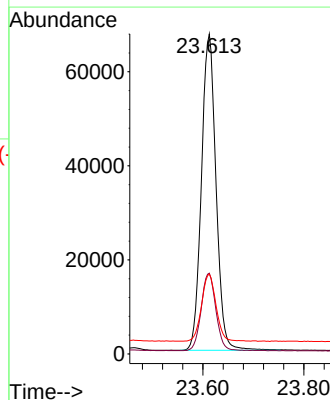
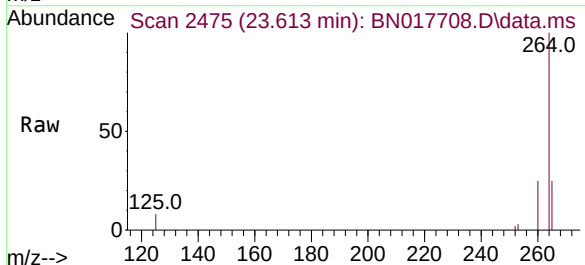
Instrument :
 BNA_N
 ClientSampleId :
 MW-23

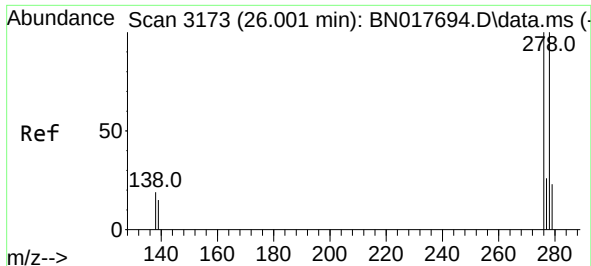
Tgt Ion:149 Resp: 223837
 Ion Ratio Lower Upper
 149 100
 167 29.9 21.8 32.6
 279 5.2 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.613 min Scan# 2475
 Delta R.T. -0.003 min
 Lab File: BN017708.D
 Acq: 04 Dec 2021 01:44

Tgt Ion:264 Resp: 134566
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 25.0 18.6 28.0





#40

Dibenzo(a,h)anthracene

Concen: 0.087 ng

RT: 25.995 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN017708.D

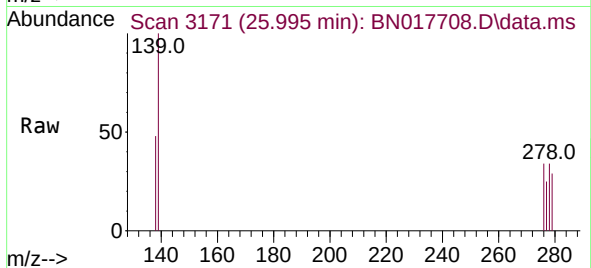
Acq: 04 Dec 2021 01:44

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:278 Resp: 1414

Ion Ratio Lower Upper

278 100

139 294.0 13.0 19.6#

279 84.7 19.2 28.8#

