

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017712.D
 Acq On : 04 Dec 2021 05:19
 Operator : CG/JU
 Sample : M4917-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-25

Quant Time: Dec 06 02:13:08 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)

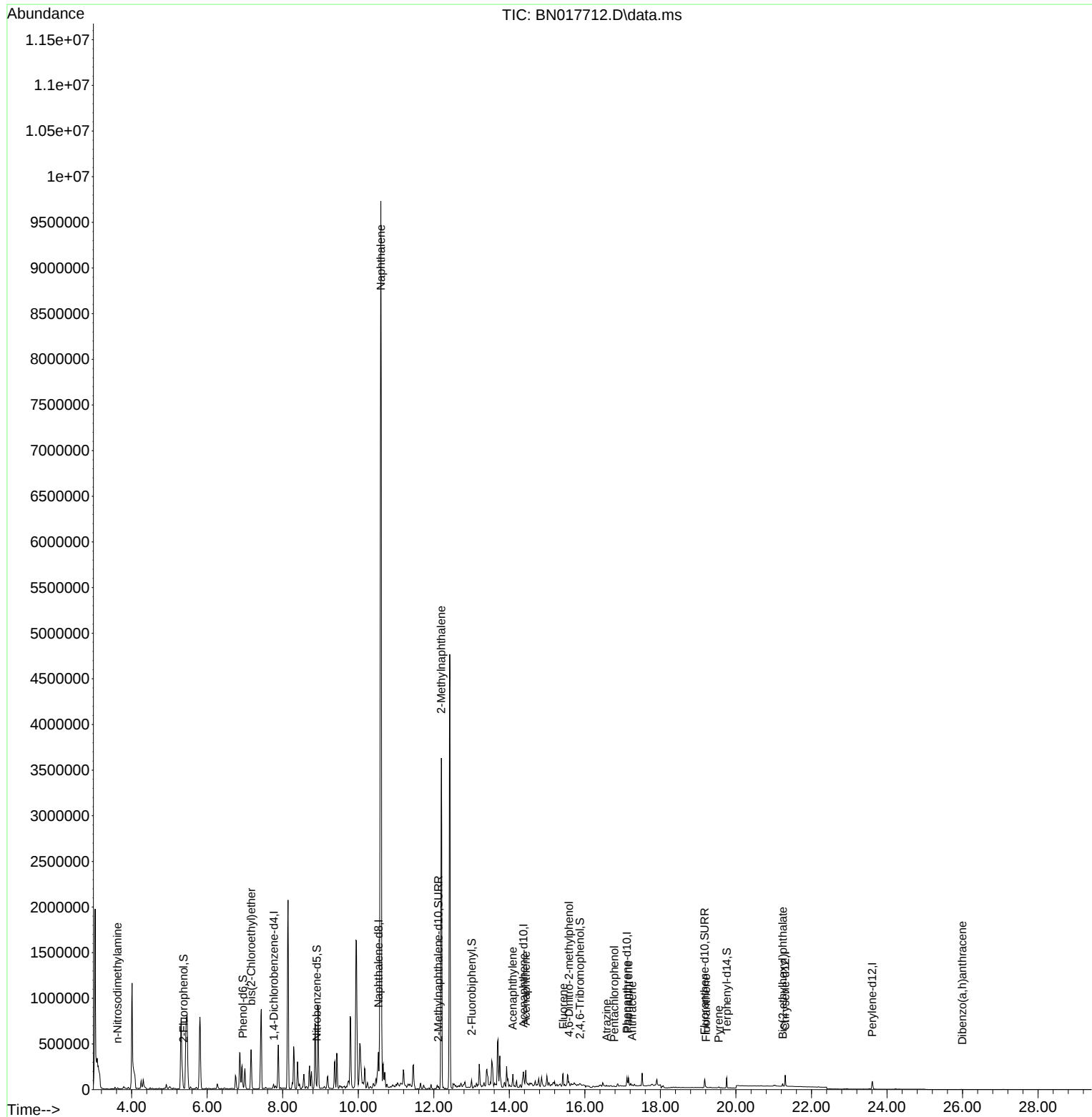
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	18545	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	76583	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	72040	0.400	ng	# 0.00
19) Phenanthrene-d10	17.116	188	107027	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	116402	0.400	ng	# 0.00
35) Perylene-d12	23.609	264	114930	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.376	112	17172	0.393	ng	0.02
5) Phenol-d6	6.943	99	5104	0.114	ng	0.02
8) Nitrobenzene-d5	8.900	82	18117	0.489	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	39513	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	13751	0.434	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	73230	0.267	ng	0.00
27) Fluoranthene-d10	19.174	212	121231	0.347	ng	0.03
31) Terphenyl-d14	19.754	244	116173	0.450	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.624	42	2853	0.154	ng	# 1
6) bis(2-Chloroethyl)ether	7.164	93	32449	0.683	ng	# 1
9) Naphthalene	10.598	128	15813814	80.982	ng	97
12) 2-Methylnaphthalene	12.200	142	2712370	21.268	ng	# 96
16) Acenaphthylene	14.093	152	19685	0.071	ng	# 3
17) Acenaphthene	14.435	154	86196	0.456	ng	93
18) Fluorene	15.425	166	85438	0.364	ng	# 99
20) 4,6-Dinitro-2-methylph...	15.577	198	6982	1.236	ng	# 60
23) Atrazine	16.581	200	2434	0.143	ng	# 1
24) Pentachlorophenol	16.776	266	2283	0.346	ng	96
25) Phenanthrene	17.153	178	92627	0.326	ng	# 88
26) Anthracene	17.250	178	8254	0.034	ng	# 59
28) Fluoranthene	19.208	202	11495	0.034	ng	# 93
30) Pyrene	19.546	202	9350	0.025	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.239	149	28895	0.261	ng	# 96
40) Dibenzo(a,h)anthracene	25.991	278	923	0.086	ng	# 1

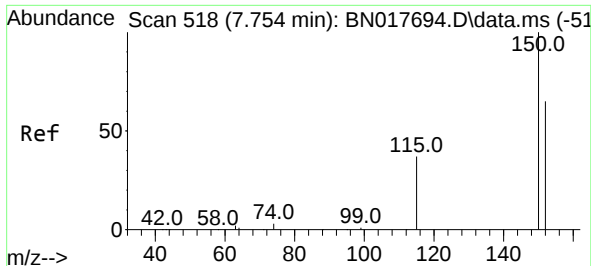
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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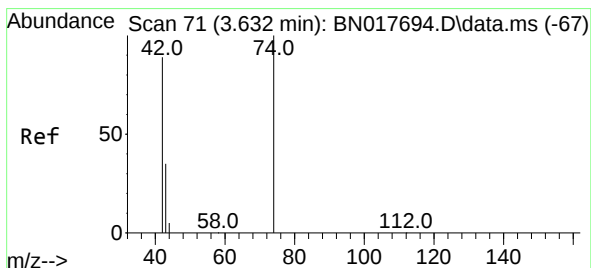
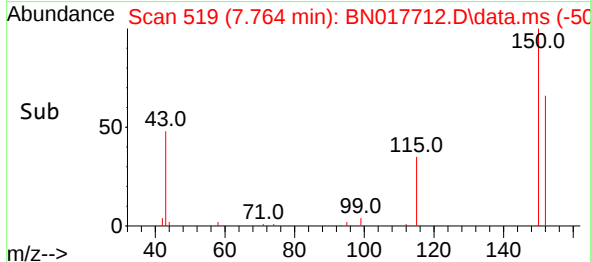
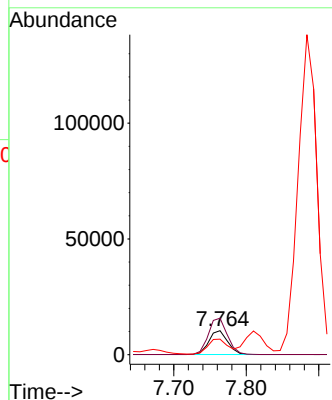
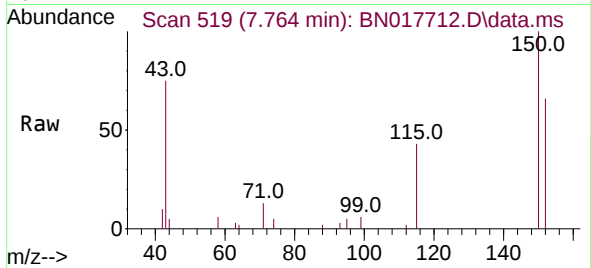




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.764 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

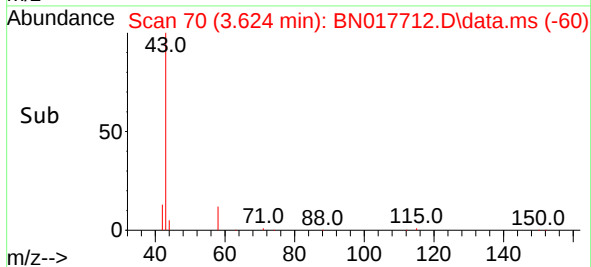
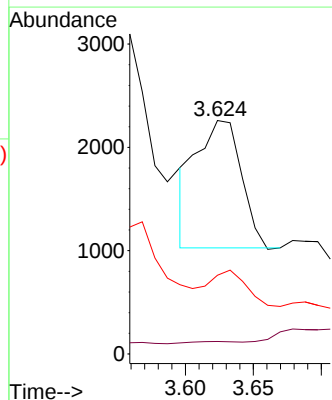
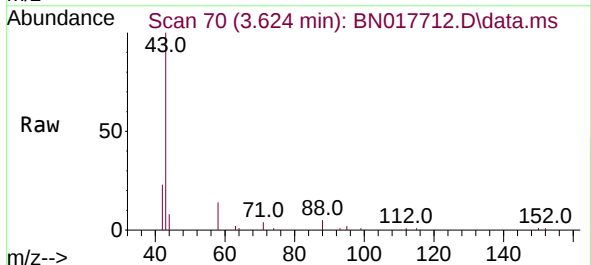
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BNA_N
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MW-25

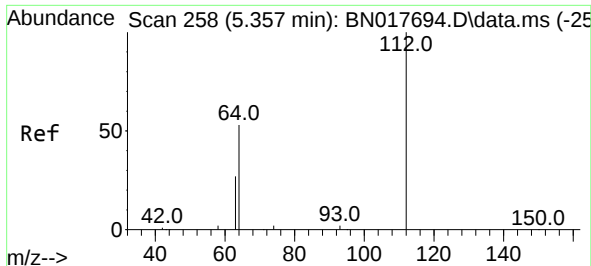
Tgt Ion:152 Resp: 18545
Ion Ratio Lower Upper
152 100
150 152.0 123.0 184.4
115 65.1 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.154 ng
RT: 3.624 min Scan# 70
Delta R.T. -0.009 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion: 42 Resp: 2853
Ion Ratio Lower Upper
42 100
74 1.9 97.8 146.6#
44 23.3 5.5 8.3#

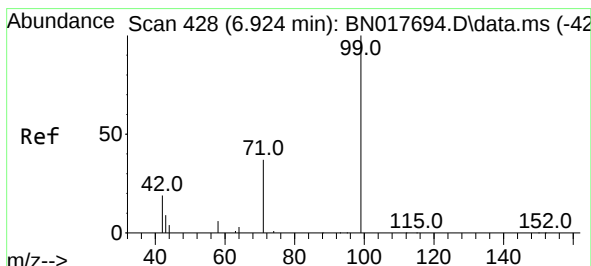
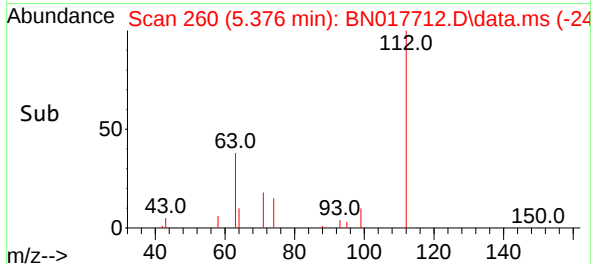
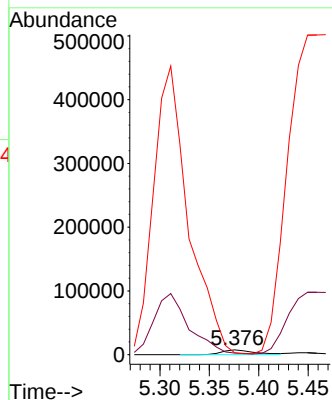
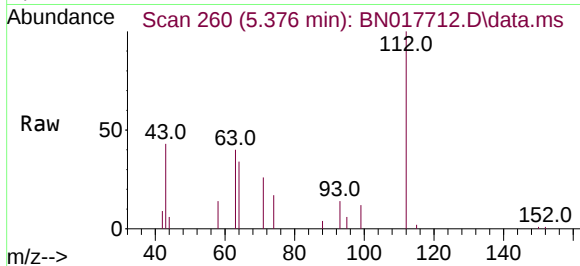




#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.376 min Scan# 21
Delta R.T. 0.019 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

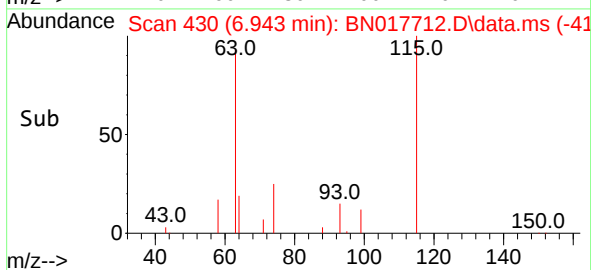
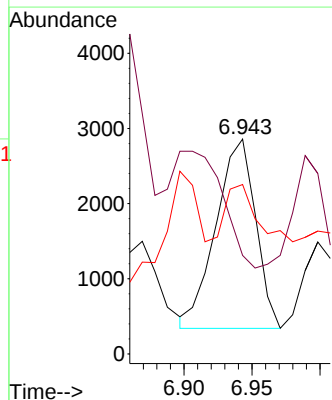
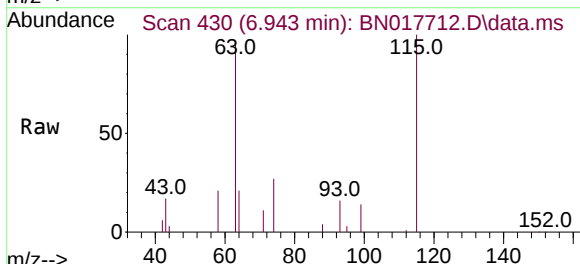
Instrument :
BNA_N
ClientSampleId :
MW-25

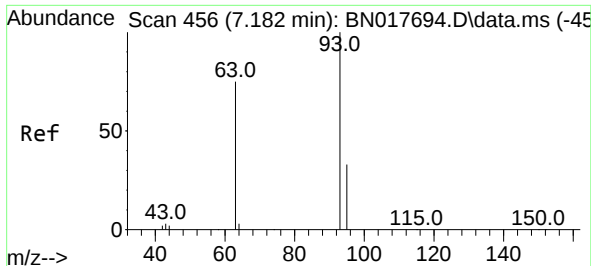
Tgt Ion:112 Resp: 17172
Ion Ratio Lower Upper
112 100
64 0.0 47.6 71.4#
63 0.0 24.6 37.0#



#5
Phenol-d6
Concen: 0.114 ng
RT: 6.943 min Scan# 430
Delta R.T. 0.019 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion: 99 Resp: 5104
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 34.4 24.8 37.2

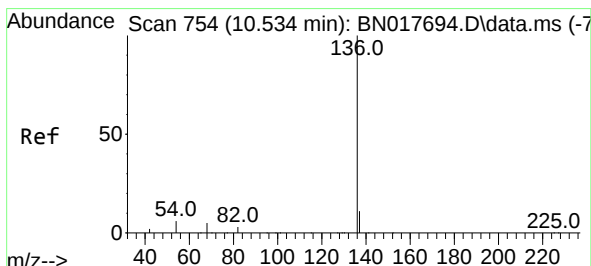
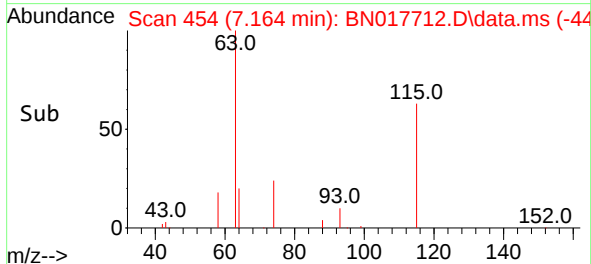
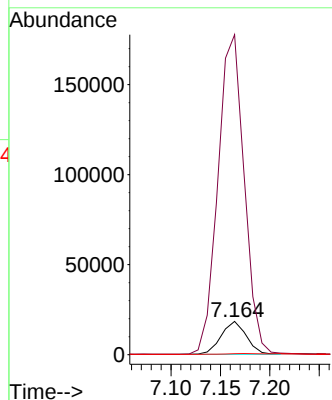
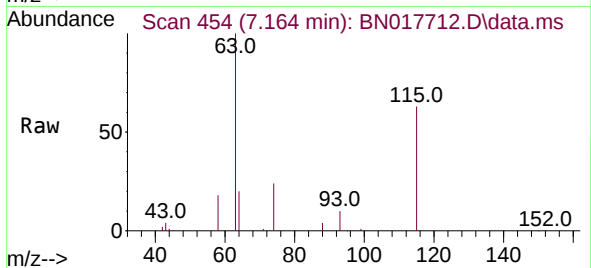




#6
bis(2-Chloroethyl)ether
Concen: 0.683 ng
RT: 7.164 min Scan# 456
Delta R.T. -0.018 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

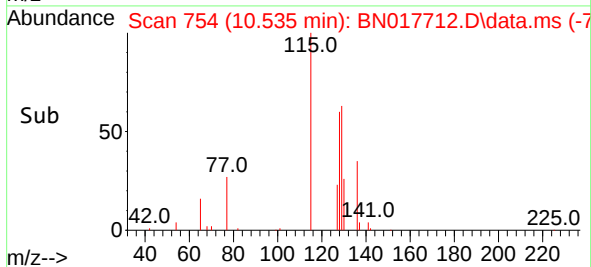
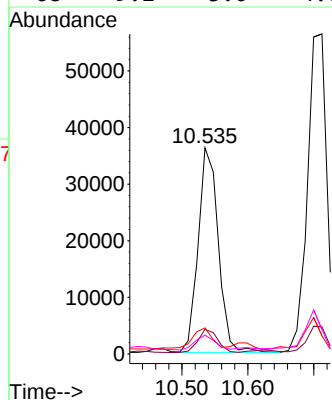
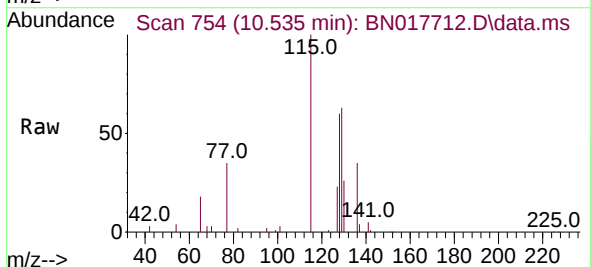
Instrument :
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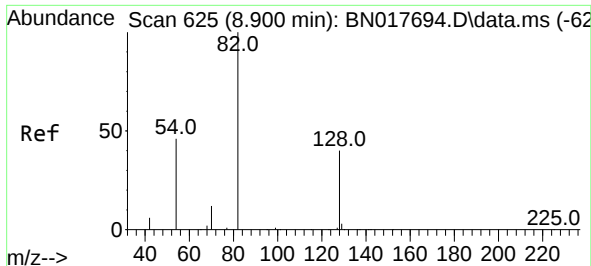
Tgt Ion: 93 Resp: 32449
Ion Ratio Lower Upper
93 100
63 1012.3 65.8 98.6#
95 2.4 26.6 39.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion: 136 Resp: 76583
Ion Ratio Lower Upper
136 100
137 12.0 8.8 13.2
54 12.6 4.0 6.0#
68 9.2 3.0 4.6#

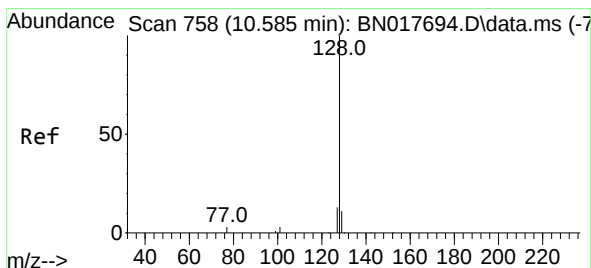
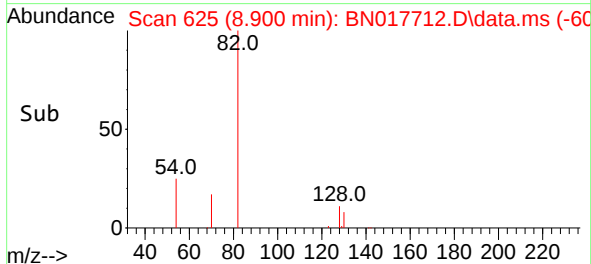
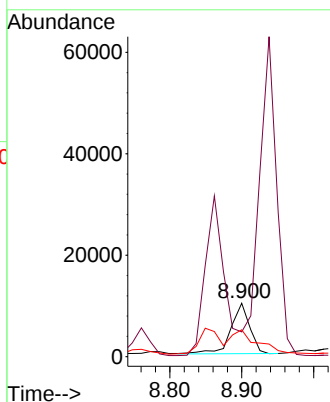
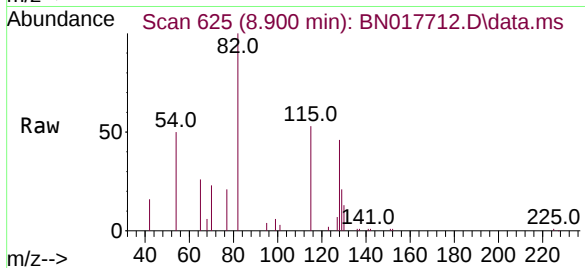




#8
Nitrobenzene-d5
Concen: 0.489 ng
RT: 8.900 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

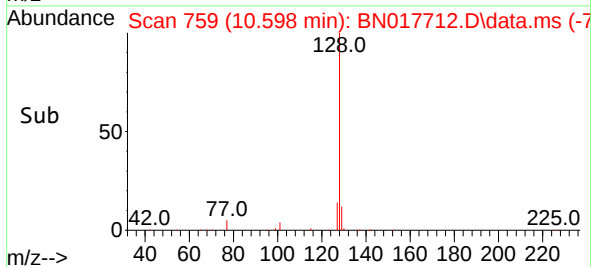
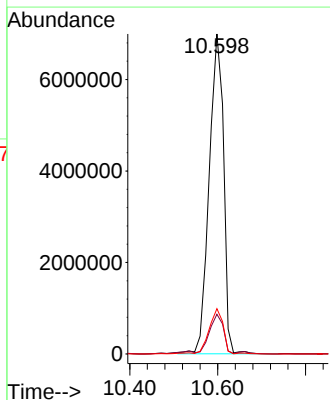
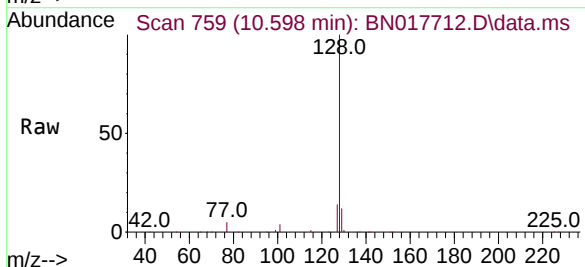
Instrument :
BNA_N
ClientSampleId :
MW-25

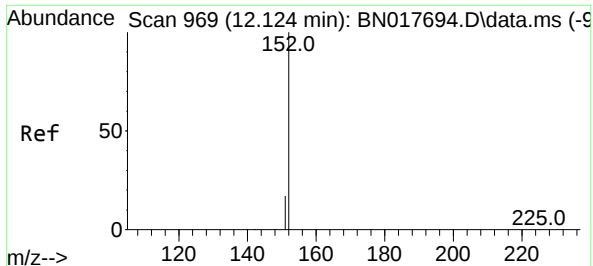
Tgt Ion: 82 Resp: 18117
Ion Ratio Lower Upper
82 100
128 46.5 27.7 41.5#
54 50.4 49.2 73.8



#9
Naphthalene
Concen: 80.982 ng
RT: 10.598 min Scan# 759
Delta R.T. 0.013 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion:128 Resp:15813814
Ion Ratio Lower Upper
128 100
129 12.4 8.8 13.2
127 14.2 10.6 15.8

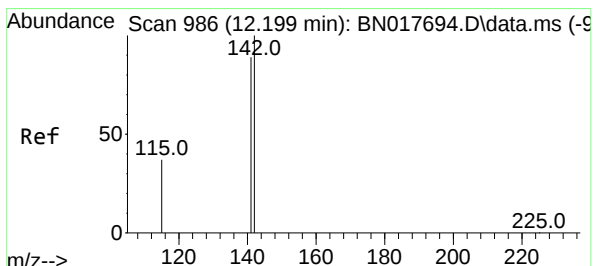
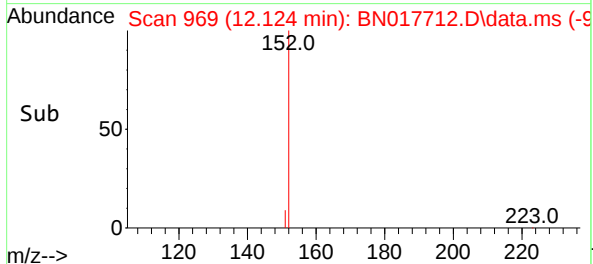
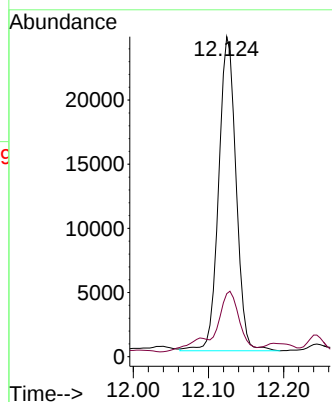
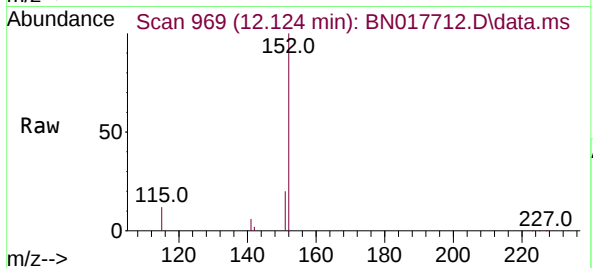




#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

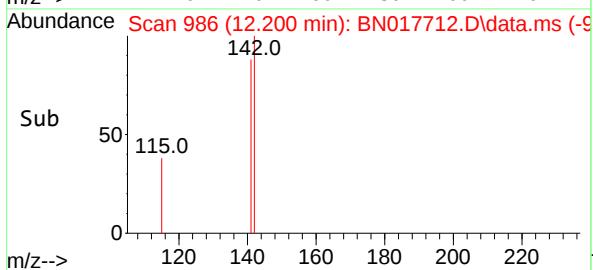
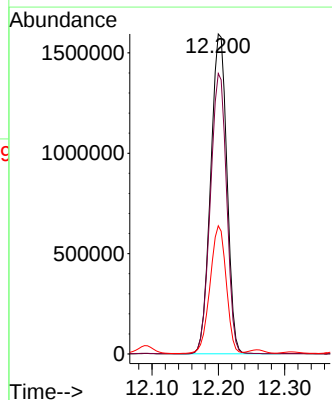
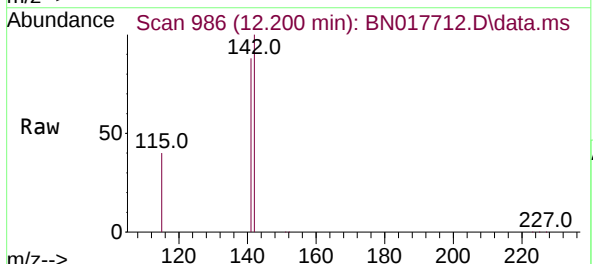
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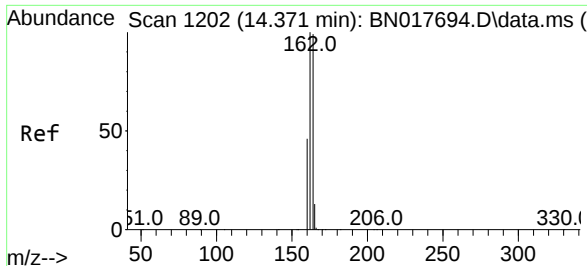
Tgt Ion:152 Resp: 39513
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.4



#12
2-Methylnaphthalene
Concen: 21.268 ng
RT: 12.200 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion:142 Resp: 2712370
Ion Ratio Lower Upper
142 100
141 87.7 70.6 106.0
115 40.0 25.8 38.6#

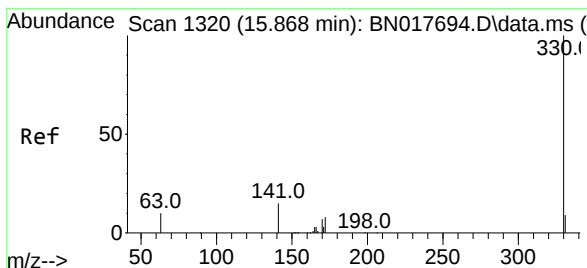
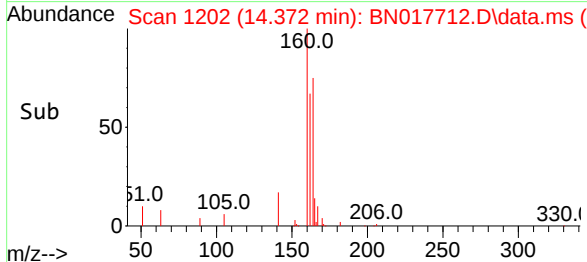
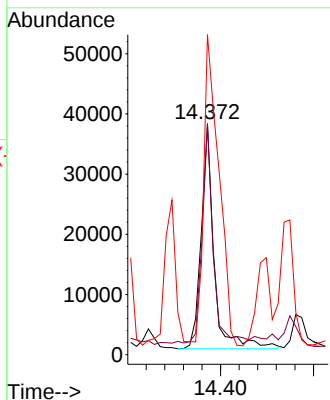
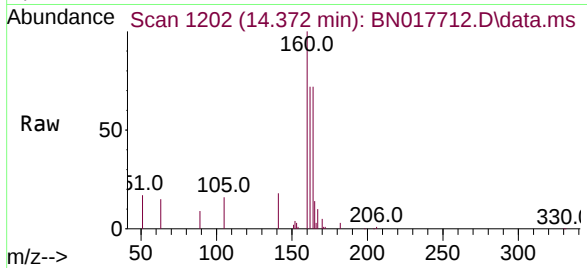




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.372 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017712.D
 Acq: 04 Dec 2021 05:19

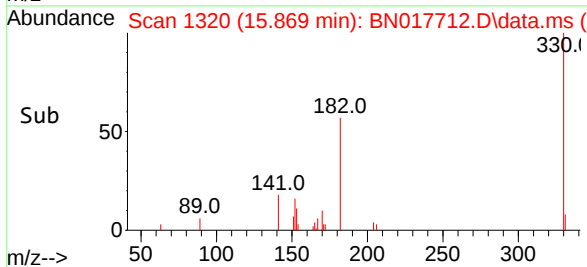
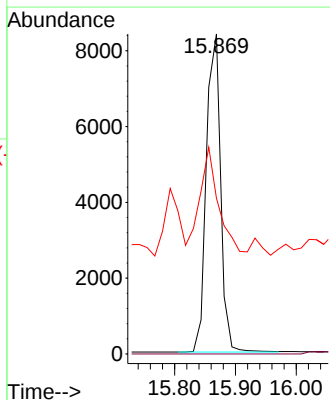
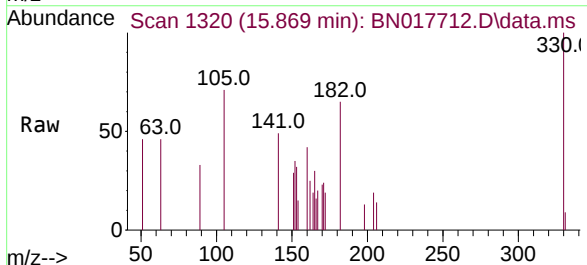
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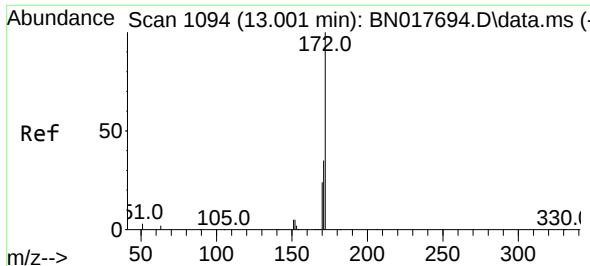
Tgt Ion:164 Resp: 72040
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.4 122.2
 160 138.6 36.8 55.2#



#14
 2,4,6-Tribromophenol
 Concen: 0.434 ng
 RT: 15.869 min Scan# 1320
 Delta R.T. 0.001 min
 Lab File: BN017712.D
 Acq: 04 Dec 2021 05:19

Tgt Ion:330 Resp: 13751
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.8 28.9 43.3

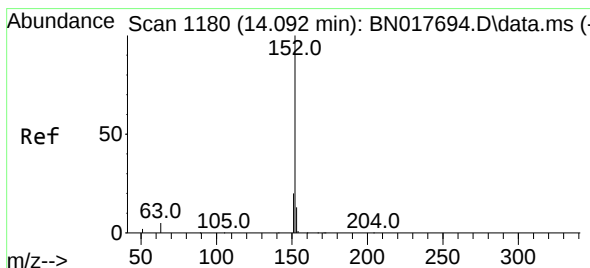
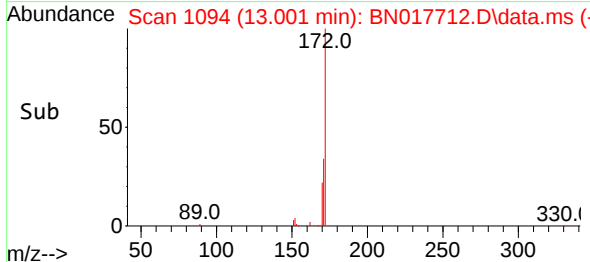
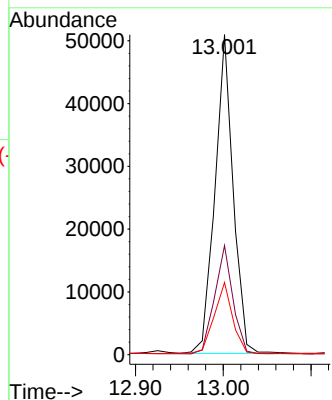
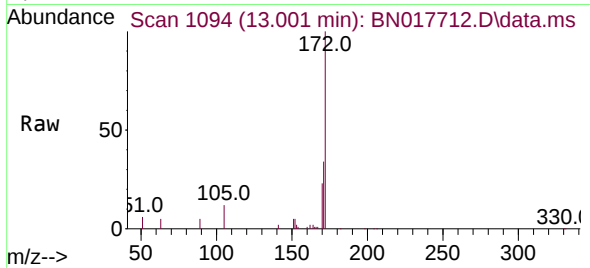




#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

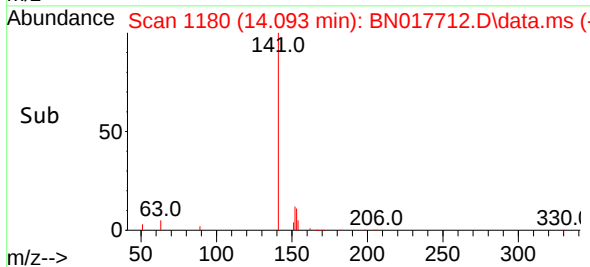
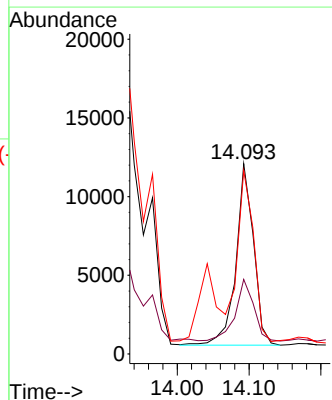
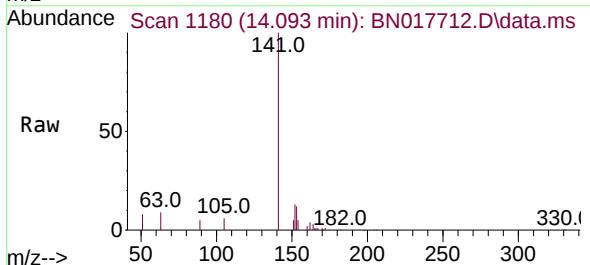
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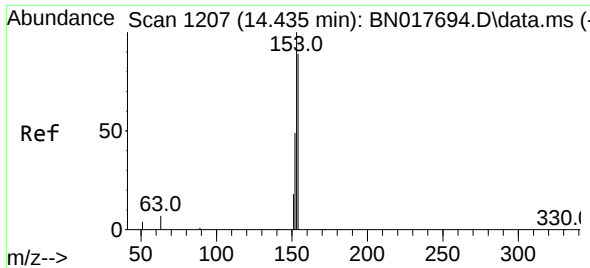
Tgt Ion:172 Resp: 73230
Ion Ratio Lower Upper
172 100
171 34.1 28.7 43.1
170 22.5 19.4 29.2



#16
Acenaphthylene
Concen: 0.071 ng
RT: 14.093 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion:152 Resp: 19685
Ion Ratio Lower Upper
152 100
151 35.8 15.5 23.3#
153 87.5 10.4 15.6#

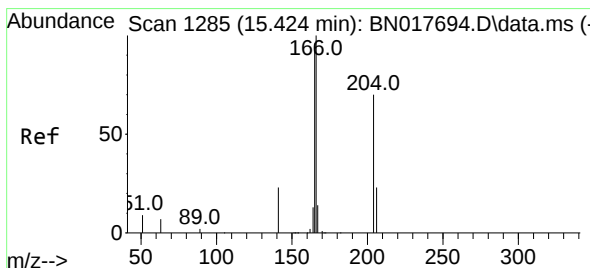
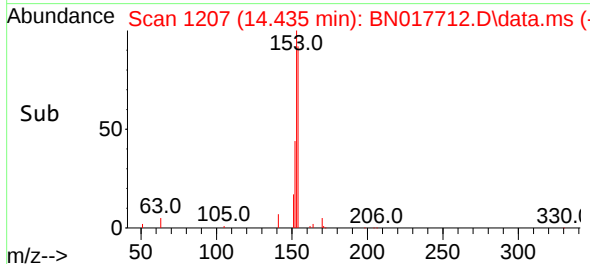
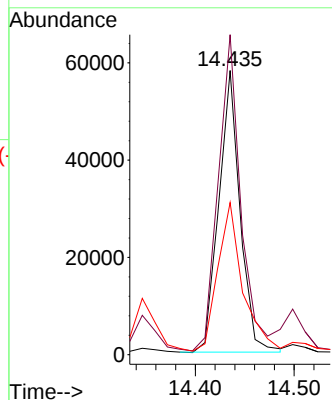
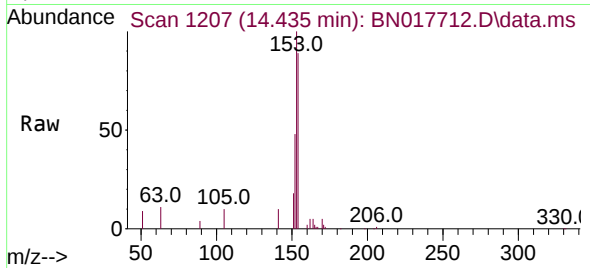




#17
Acenaphthene
Concen: 0.456 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

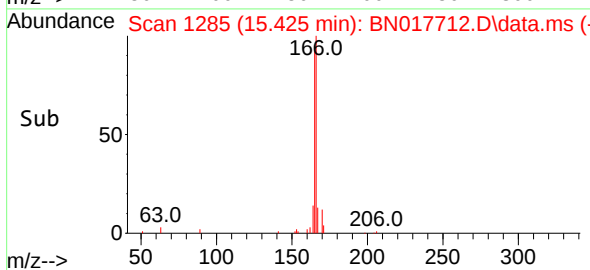
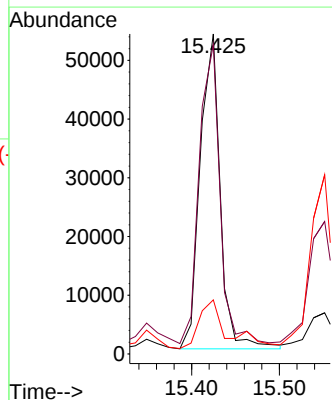
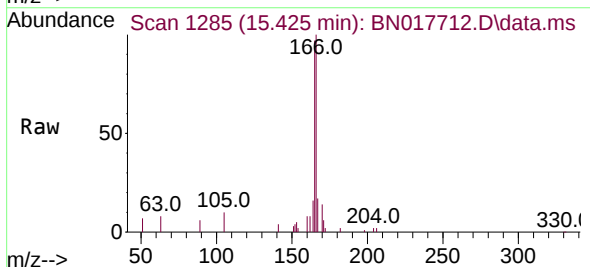
Instrument :
BNA_N
ClientSampleId :
MW-25

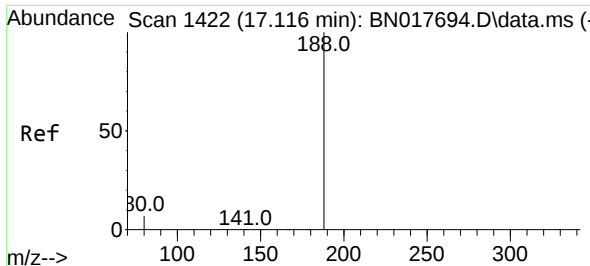
Tgt Ion:154 Resp: 86196
Ion Ratio Lower Upper
154 100
153 118.3 91.2 136.8
152 65.9 44.3 66.5



#18
Fluorene
Concen: 0.364 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion:166 Resp: 85438
Ion Ratio Lower Upper
166 100
165 97.2 77.9 116.9
167 16.9 10.9 16.3#

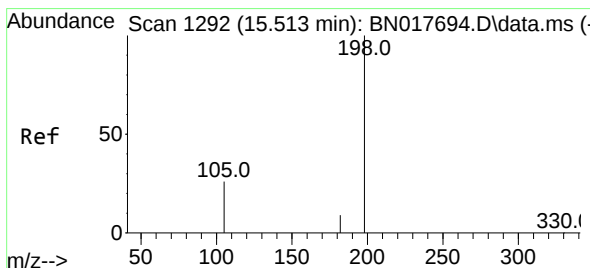
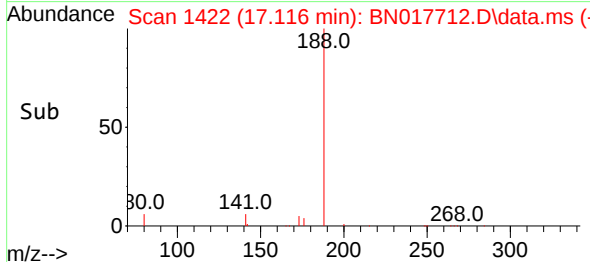
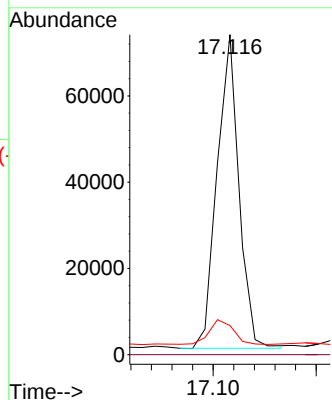
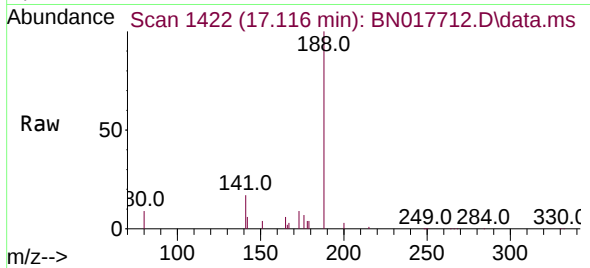




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

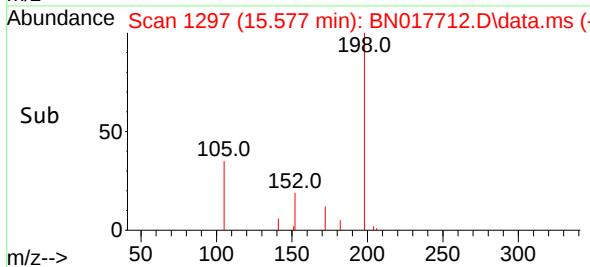
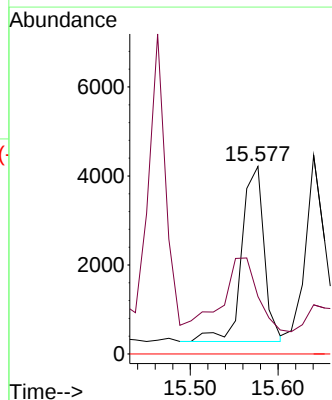
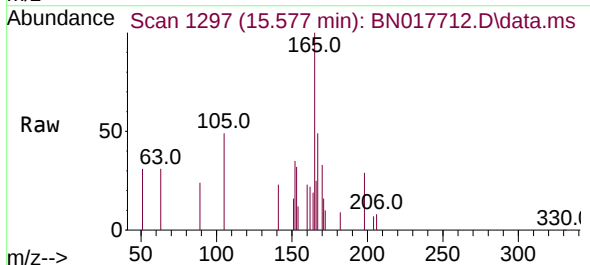
Instrument :
BNA_N
ClientSampleId :
MW-25

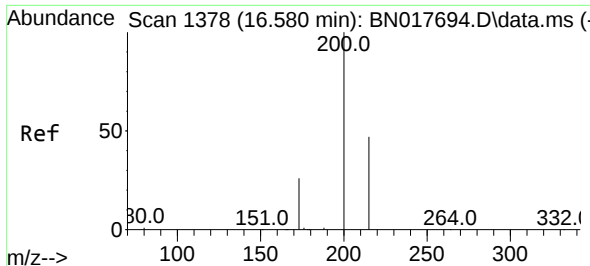
Tgt Ion:188 Resp: 107027
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 1.236 ng
RT: 15.577 min Scan# 1297
Delta R.T. 0.064 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion:198 Resp: 6982
Ion Ratio Lower Upper
198 100
182 30.7 11.4 17.2#
77 0.0 0.0 0.0

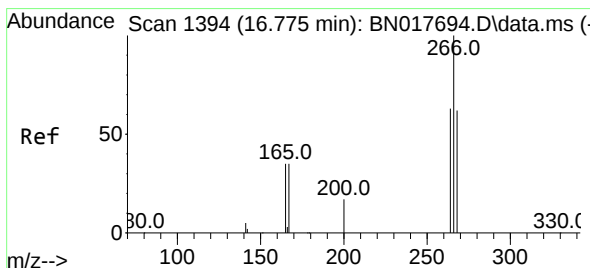
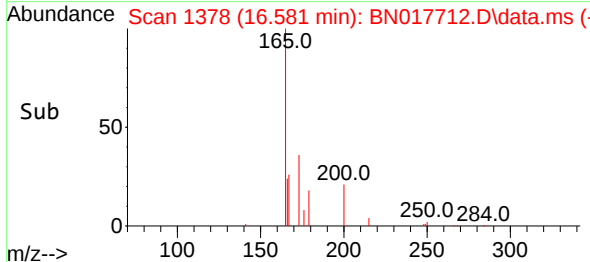
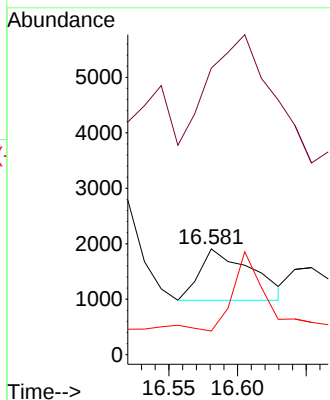
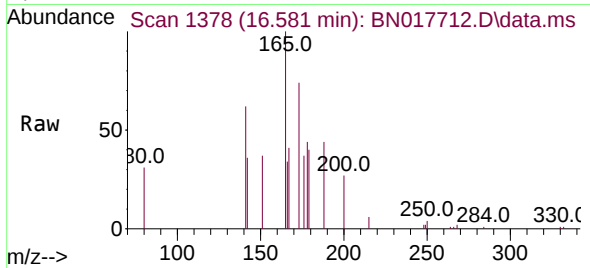




#23
 Atrazine
 Concen: 0.143 ng
 RT: 16.581 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BN017712.D
 Acq: 04 Dec 2021 05:19

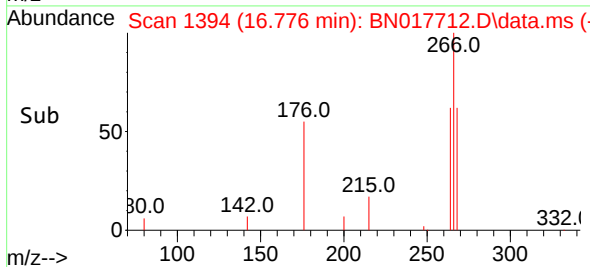
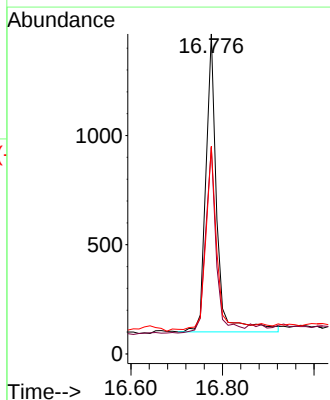
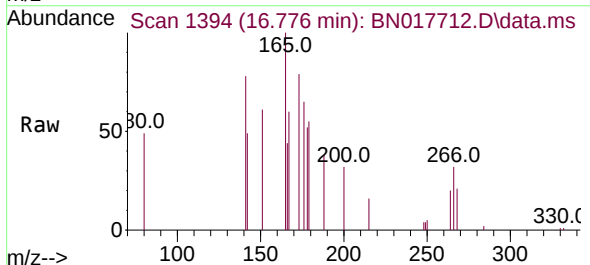
Instrument :
 BNA_N
 ClientSampleId :
 MW-25

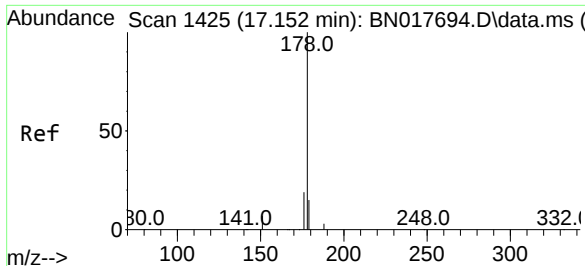
Tgt Ion:200 Resp: 2434
 Ion Ratio Lower Upper
 200 100
 173 271.0 17.6 26.4#
 215 22.5 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.346 ng
 RT: 16.776 min Scan# 1394
 Delta R.T. 0.001 min
 Lab File: BN017712.D
 Acq: 04 Dec 2021 05:19

Tgt Ion:266 Resp: 2283
 Ion Ratio Lower Upper
 266 100
 264 60.6 49.8 74.8
 268 60.3 51.3 76.9

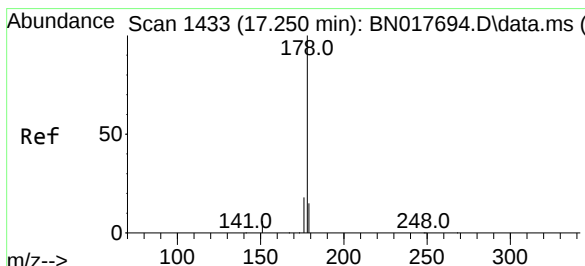
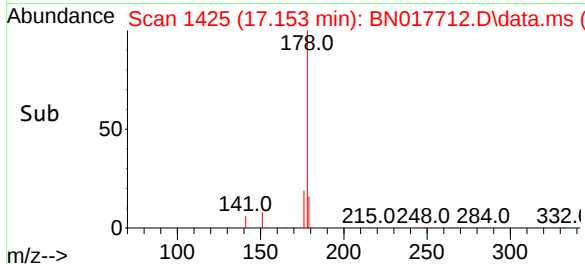
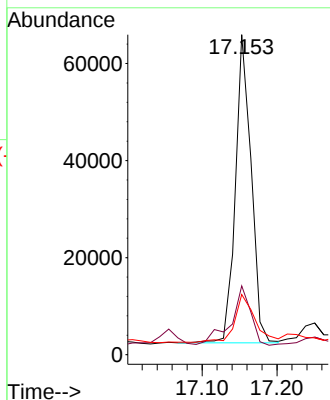
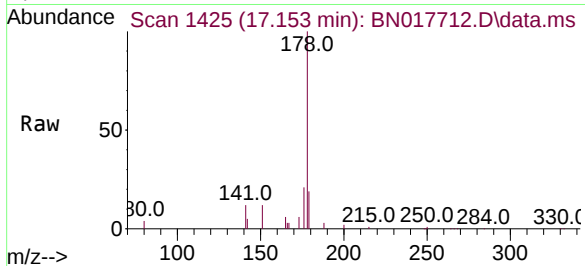




#25
Phenanthrene
Concen: 0.326 ng
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

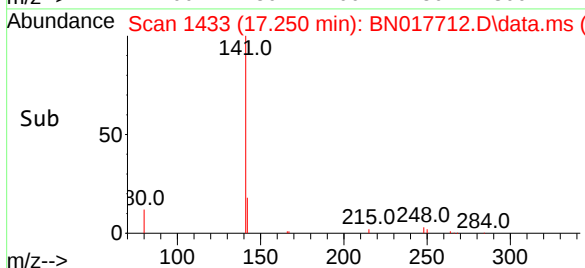
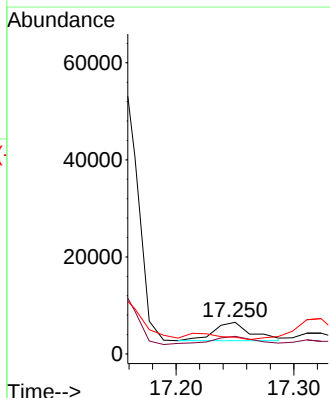
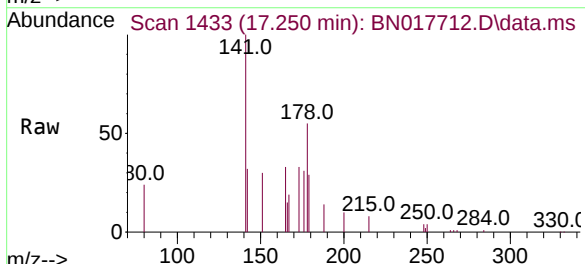
Instrument :
BNA_N
ClientSampleId :
MW-25

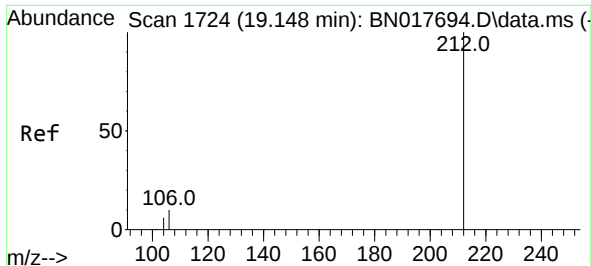
Tgt Ion:178 Resp: 92627
Ion Ratio Lower Upper
178 100
176 24.3 15.0 22.6#
179 20.5 12.3 18.5#



#26
Anthracene
Concen: 0.034 ng
RT: 17.250 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion:178 Resp: 8254
Ion Ratio Lower Upper
178 100
176 38.1 14.6 22.0#
179 0.0 12.2 18.4#

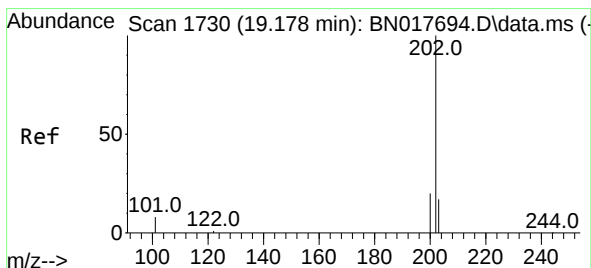
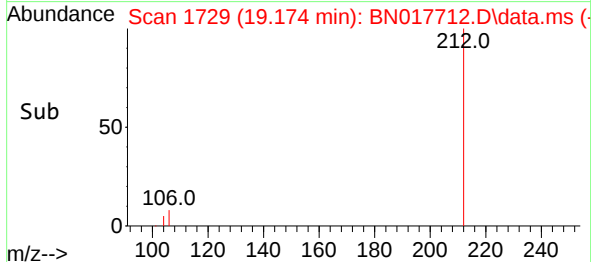
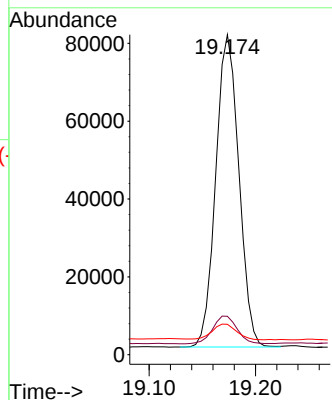
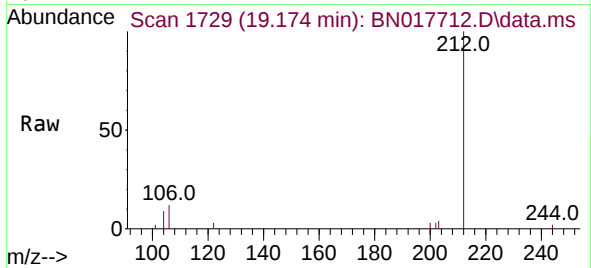




#27
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.174 min Scan# 1729
Delta R.T. 0.025 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

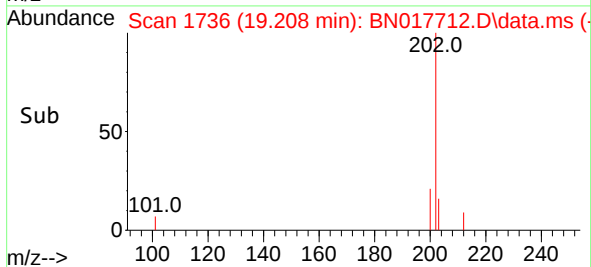
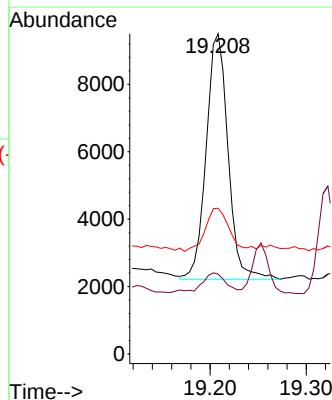
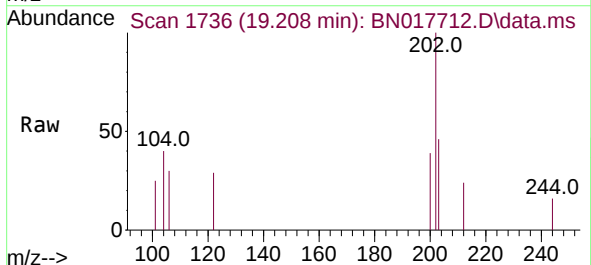
Instrument :
BNA_N
ClientSampleId :
MW-25

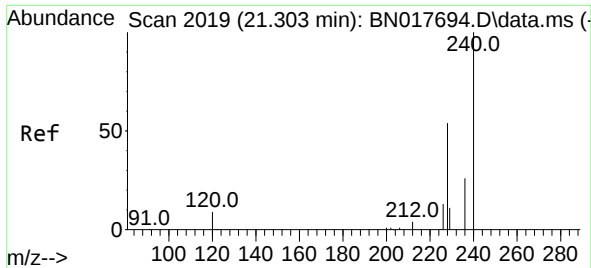
Tgt Ion:212 Resp: 121231
Ion Ratio Lower Upper
212 100
106 9.3 10.5 15.7#
104 5.3 5.8 8.6#



#28
Fluoranthene
Concen: 0.034 ng
RT: 19.208 min Scan# 1736
Delta R.T. 0.030 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion:202 Resp: 11495
Ion Ratio Lower Upper
202 100
101 6.6 8.9 13.3#
203 18.9 13.8 20.6

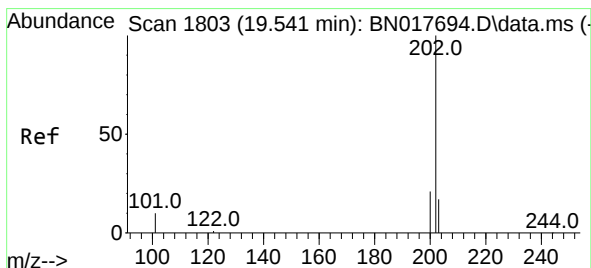
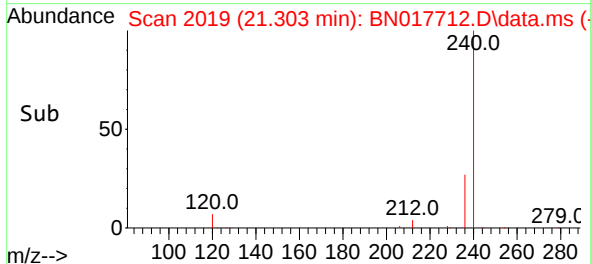
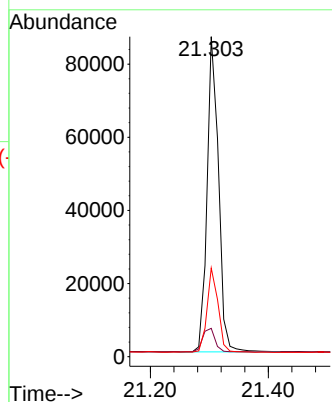
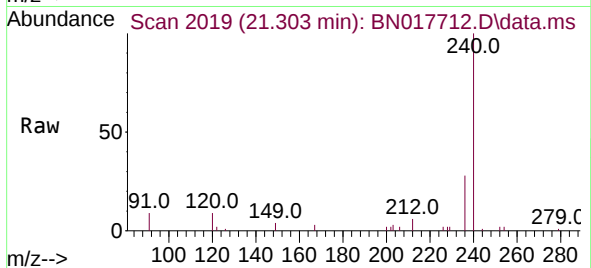




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

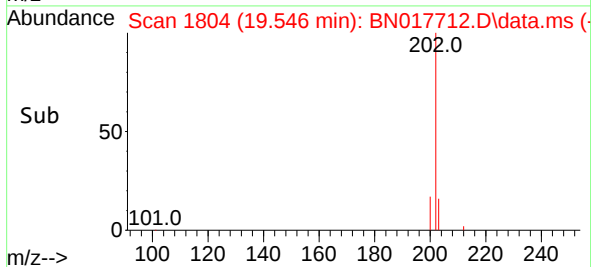
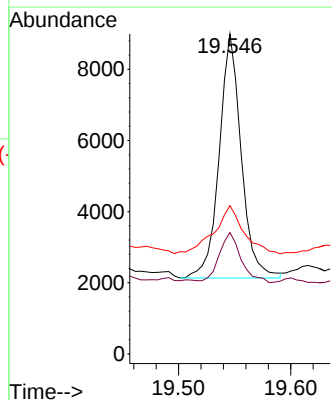
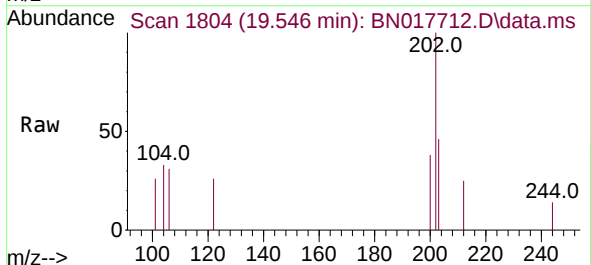
Instrument :
BNA_N
ClientSampleId :
MW-25

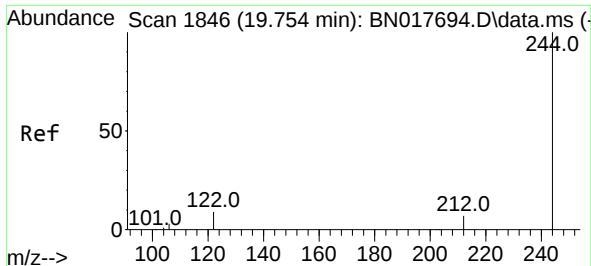
Tgt Ion:240 Resp: 116402
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.2#
236 27.7 20.0 30.0



#30
Pyrene
Concen: 0.025 ng
RT: 19.546 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BN017712.D
Acq: 04 Dec 2021 05:19

Tgt Ion:202 Resp: 9350
Ion Ratio Lower Upper
202 100
200 19.6 16.5 24.7
203 26.2 14.0 21.0#

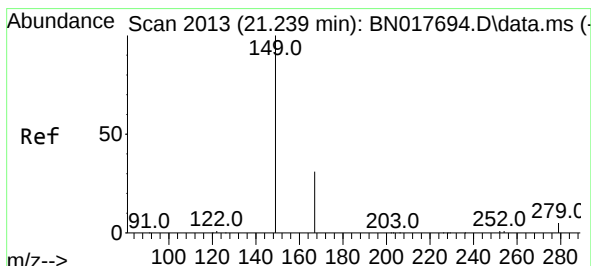
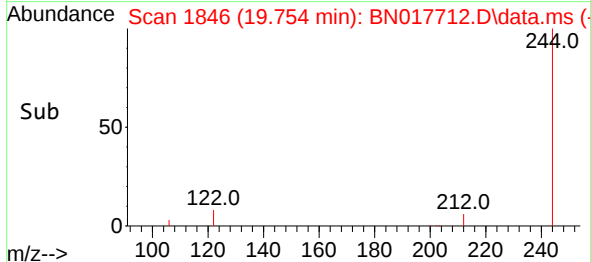
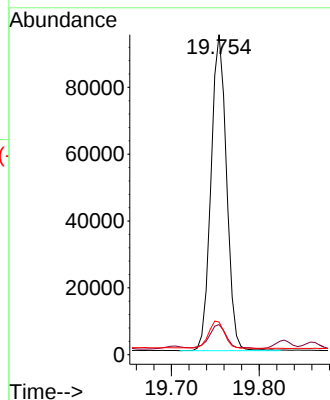
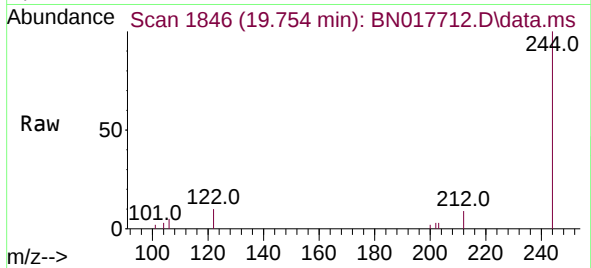




#31
 Terphenyl-d14
 Concen: 0.450 ng
 RT: 19.754 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017712.D
 Acq: 04 Dec 2021 05:19

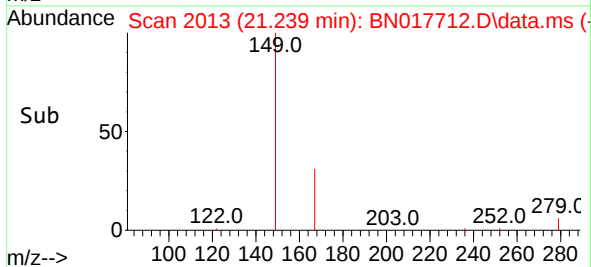
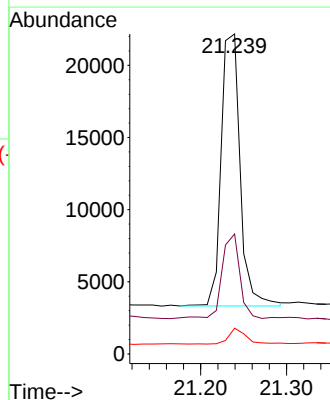
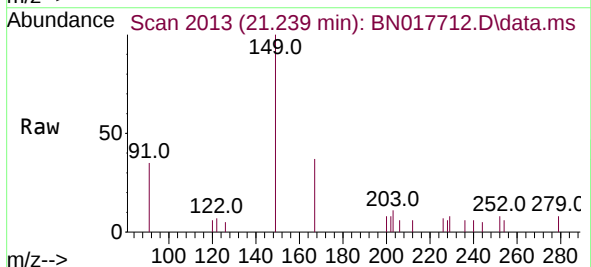
Instrument :
 BNA_N
 ClientSampleId :
 MW-25

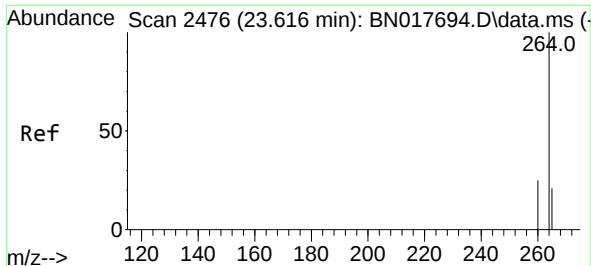
Tgt Ion:244 Resp: 116173
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.7 8.5#
 122 10.2 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.261 ng
 RT: 21.239 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: BN017712.D
 Acq: 04 Dec 2021 05:19

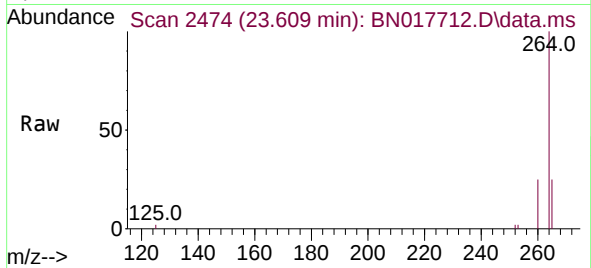
Tgt Ion:149 Resp: 28895
 Ion Ratio Lower Upper
 149 100
 167 29.4 21.8 32.6
 279 5.2 3.4 5.0#



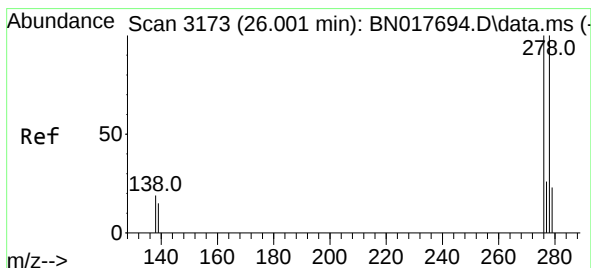
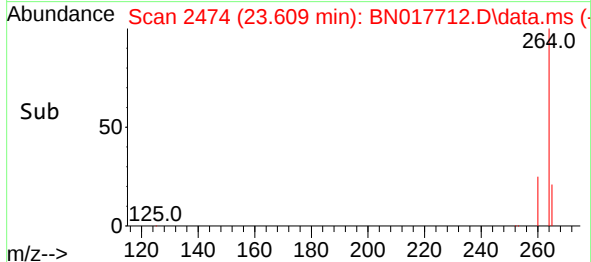
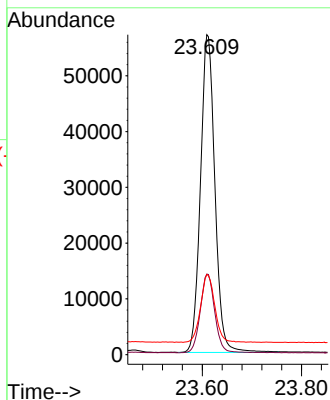


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.609 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BN017712.D
 Acq: 04 Dec 2021 05:19

Instrument :
 BNA_N
 ClientSampleId :
 MW-25



Tgt Ion:264 Resp: 114930
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 25.1 18.6 28.0



#40
 Dibenzo(a,h)anthracene
 Concen: 0.086 ng
 RT: 25.991 min Scan# 3170
 Delta R.T. -0.010 min
 Lab File: BN017712.D
 Acq: 04 Dec 2021 05:19

Tgt Ion:278 Resp: 923
 Ion Ratio Lower Upper
 278 100
 139 189.5 13.0 19.6#
 279 88.2 19.2 28.8#

