

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017789.D
 Acq On : 08 Dec 2021 07:57
 Operator : CG/JU
 Sample : M4917-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-31

Quant Time: Dec 09 00:03:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

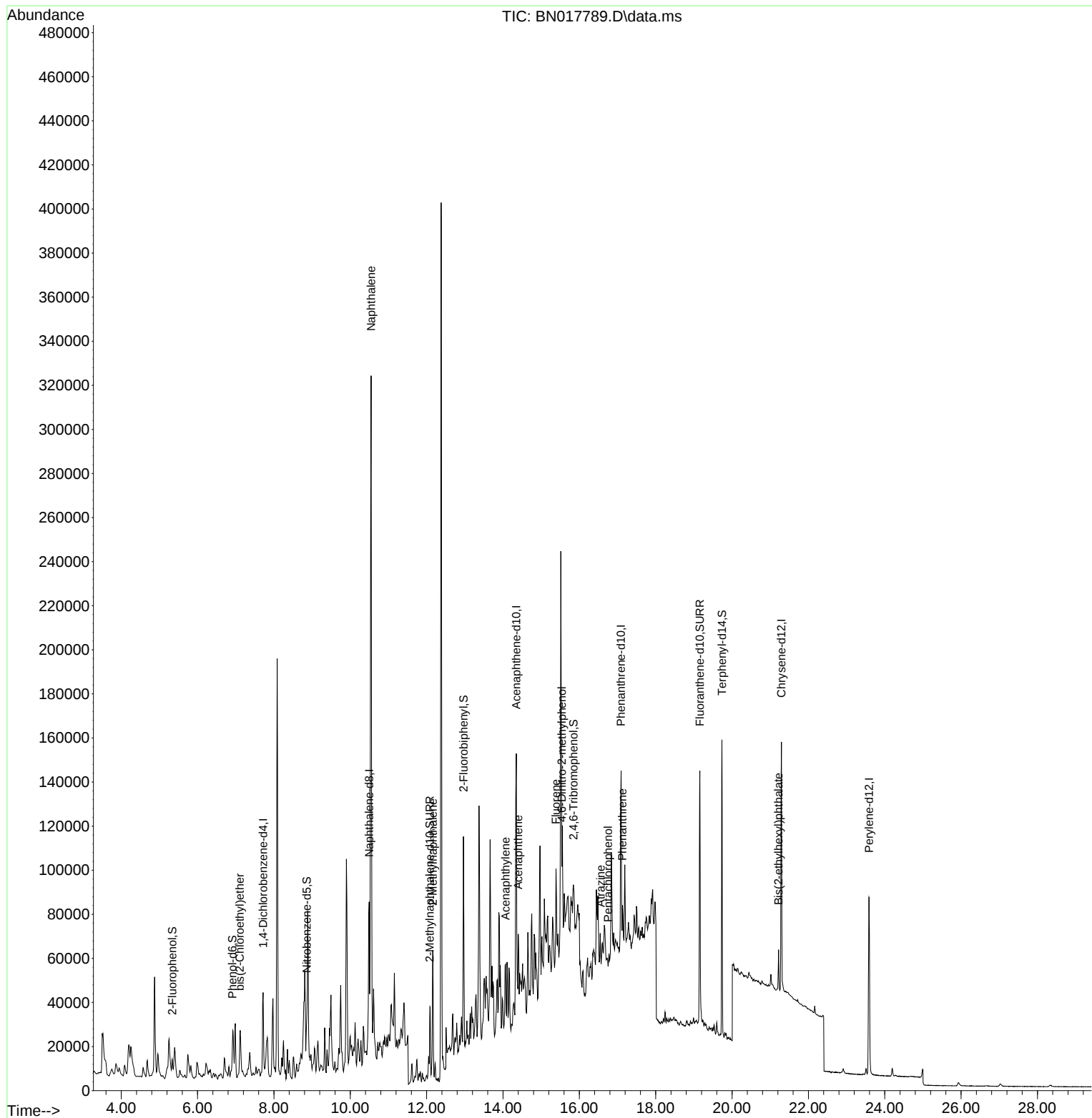
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20529	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	82002	0.400	ng	# 0.00
13) Acenaphthene-d10	14.348	164	61855	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	114327	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	116852	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	114717	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	10064	0.203	ng	0.00
5) Phenol-d6	6.913	99	5784	0.123	ng	0.00
8) Nitrobenzene-d5	8.859	82	19174	0.352	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	48049	0.294	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	17963	0.555	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	82714	0.365	ng	0.00
27) Fluoranthene-d10	19.154	212	150274	0.393	ng	0.02
31) Terphenyl-d14	19.735	244	133780	0.533	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.106	93	1366	0.026	ng	# 1
9) Naphthalene	10.545	128	398682	1.857	ng	99
12) 2-Methylnaphthalene	12.161	142	41548	0.269	ng	# 92
16) Acenaphthylene	14.068	152	5679	0.023	ng	# 1
17) Acenaphthene	14.398	154	21842	0.135	ng	96
18) Fluorene	15.388	166	14448	0.070	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.540	198	6209	1.958	ng	# 77
23) Atrazine	16.557	200	2611	0.052	ng	# 1
24) Pentachlorophenol	16.752	266	191	0.286	ng	91
25) Phenanthrene	17.129	178	19489	0.065	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.219	149	15885	0.097	ng	92

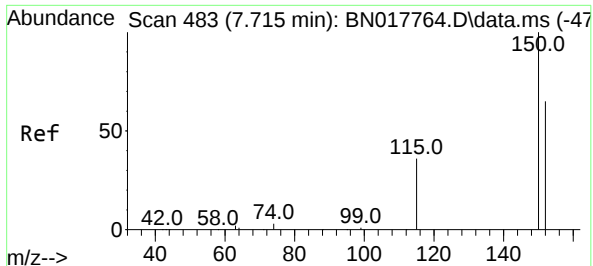
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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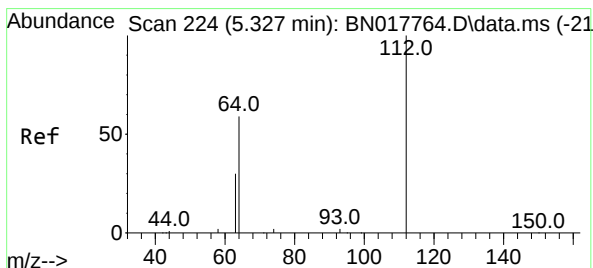
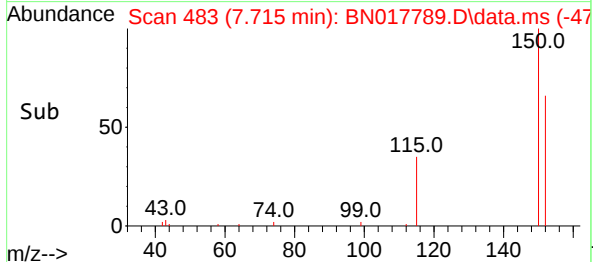
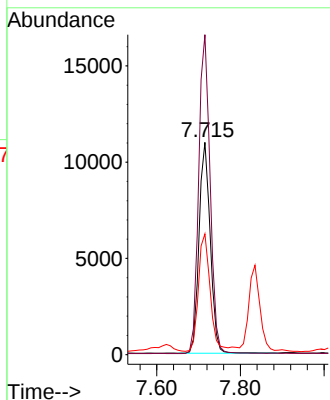
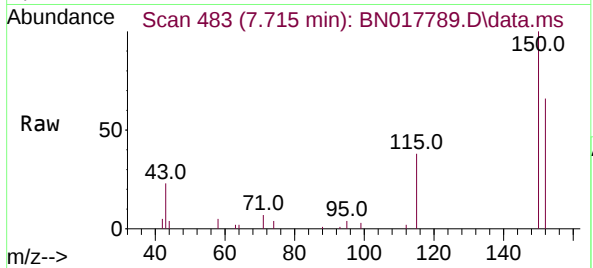




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

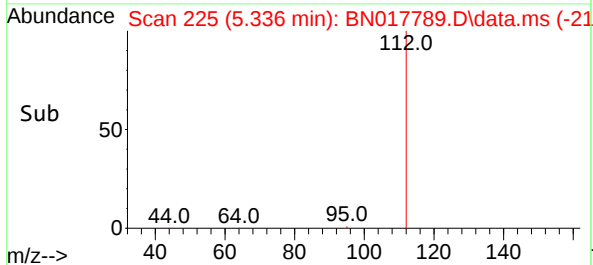
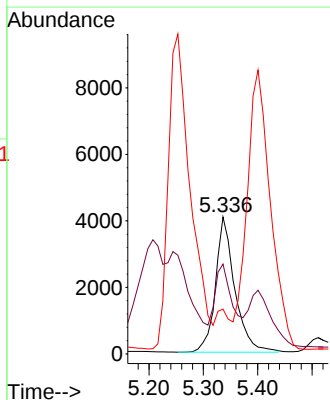
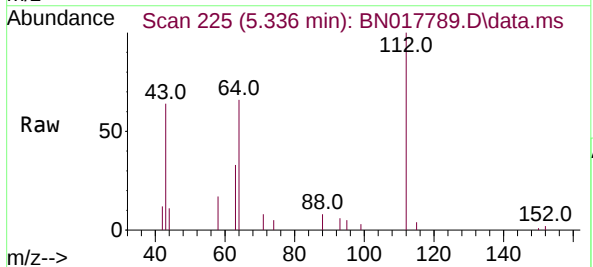
Instrument :
BNA_N
ClientSampleId :
MW-31

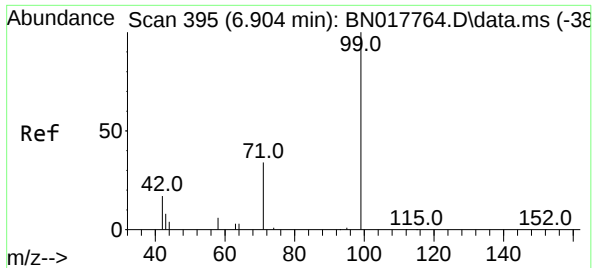
Tgt Ion:152 Resp: 20529
Ion Ratio Lower Upper
152 100
150 150.7 123.0 184.4
115 56.9 45.3 67.9



#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

Tgt Ion:112 Resp: 10064
Ion Ratio Lower Upper
112 100
64 35.3 49.3 73.9#
63 6.5 25.8 38.8#

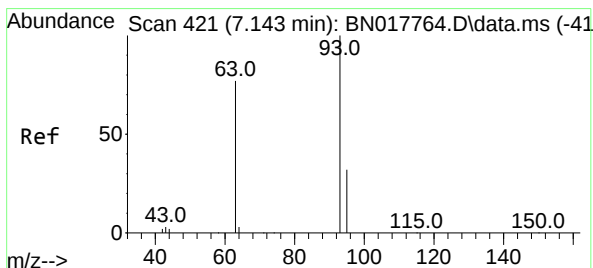
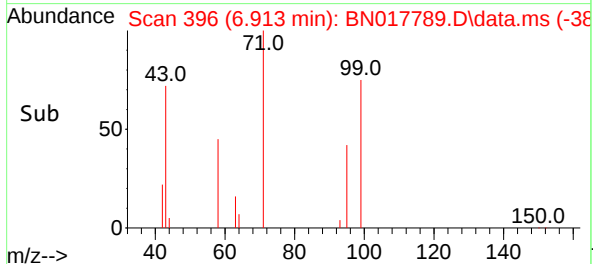
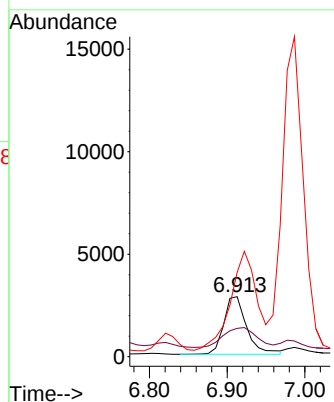
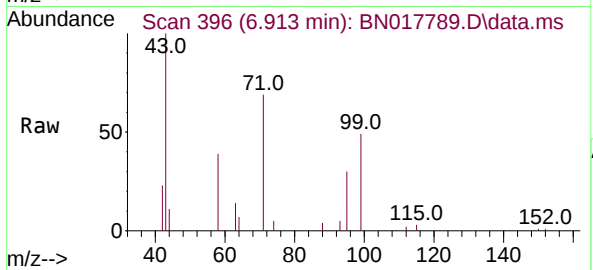




#5
Phenol-d6
Concen: 0.123 ng
RT: 6.913 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

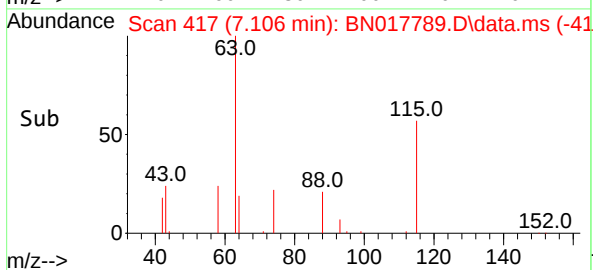
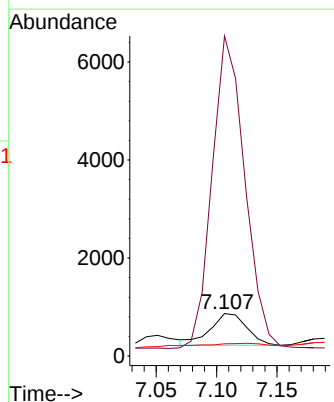
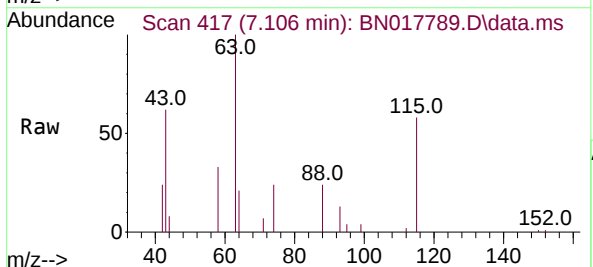
Instrument :
BNA_N
ClientSampleId :
MW-31

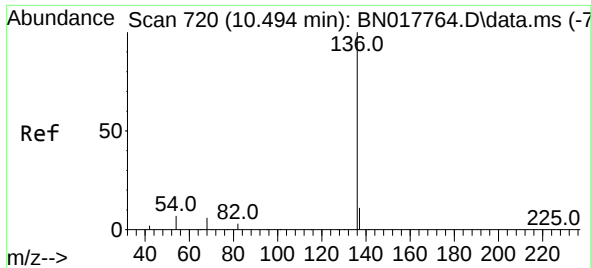
Tgt Ion: 99 Resp: 5784
Ion Ratio Lower Upper
99 100
42 48.7 16.6 25.0#
71 195.4 29.0 43.4#



#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 7.106 min Scan# 417
Delta R.T. -0.037 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

Tgt Ion: 93 Resp: 1366
Ion Ratio Lower Upper
93 100
63 891.1 62.0 93.0#
95 9.6 26.4 39.6#

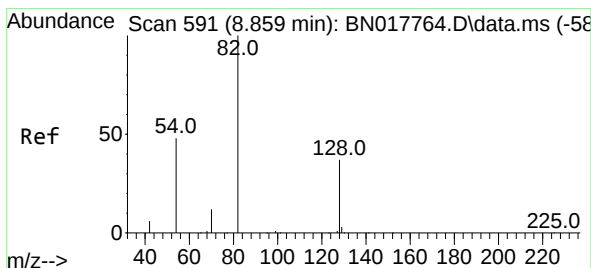
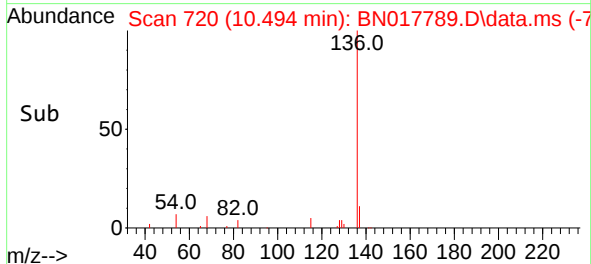
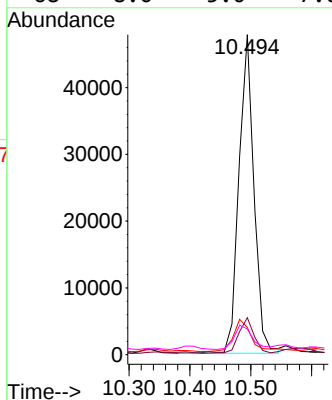
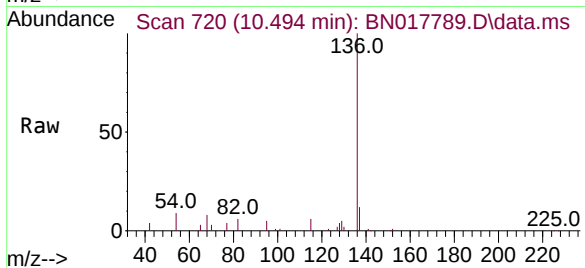




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

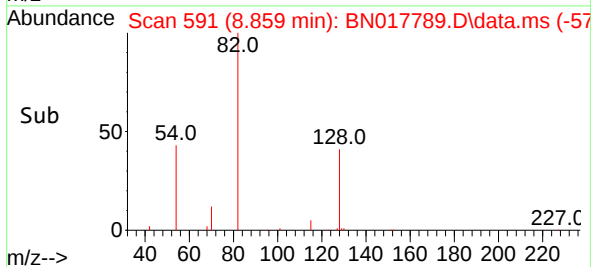
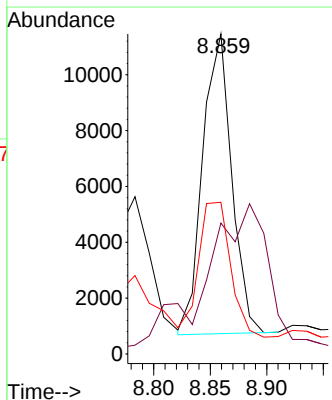
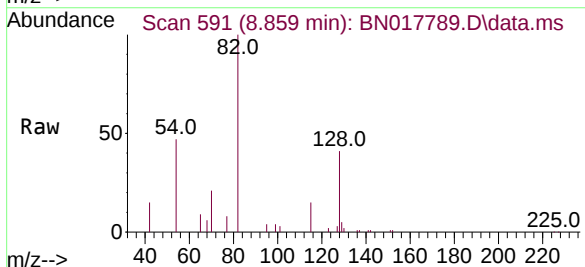
Instrument :
BNA_N
ClientSampleId :
MW-31

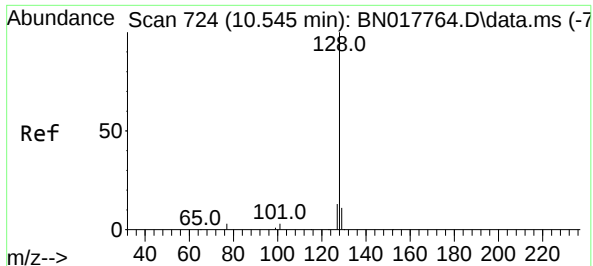
Tgt Ion:136 Resp: 82002
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 8.5 5.9 8.9
68 8.0 5.0 7.6#



#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 8.859 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

Tgt Ion: 82 Resp: 19174
Ion Ratio Lower Upper
82 100
128 40.9 30.2 45.2
54 47.4 39.0 58.6





#9
Naphthalene
Concen: 1.857 ng
RT: 10.545 min Scan# 724
Delta R.T. 0.000 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

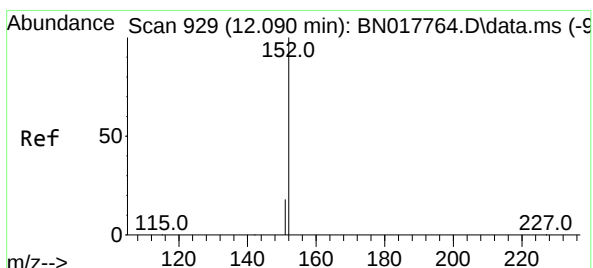
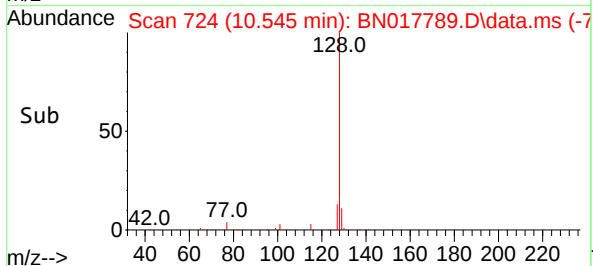
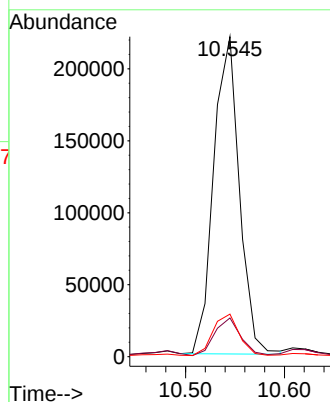
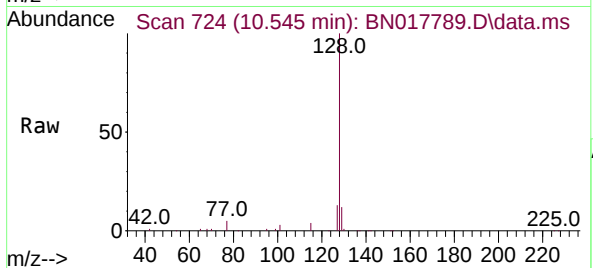
Instrument :

BNA_N

ClientSampleId :

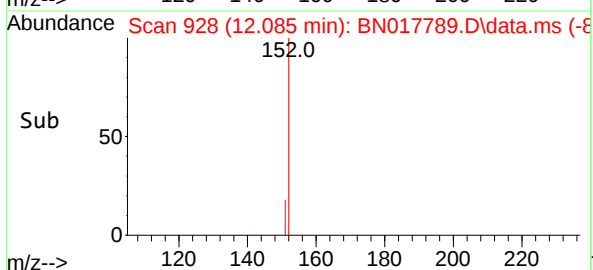
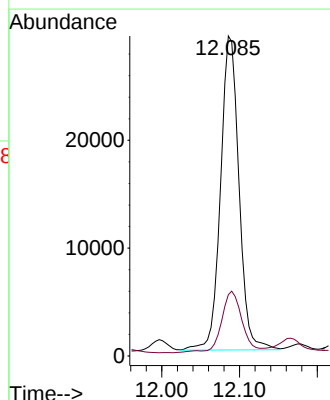
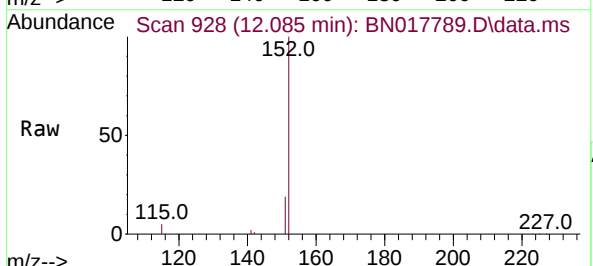
MW-31

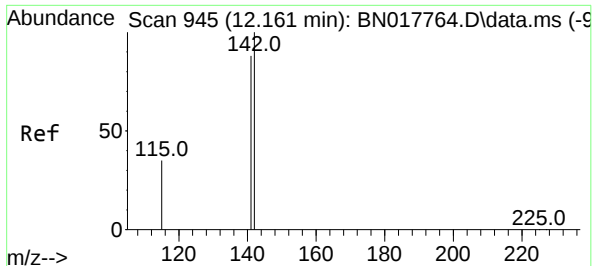
Tgt Ion:128 Resp: 398682
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 13.3 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 12.085 min Scan# 928
Delta R.T. -0.004 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

Tgt Ion:152 Resp: 48049
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6





#12

2-Methylnaphthalene

Concen: 0.269 ng

RT: 12.161 min Scan# 945

Delta R.T. 0.000 min

Lab File: BN017789.D

Acq: 08 Dec 2021 07:57

Instrument :

BNA_N

ClientSampleId :

MW-31

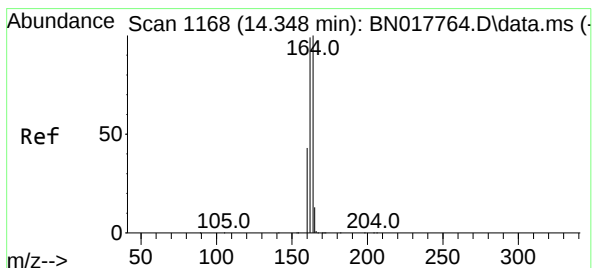
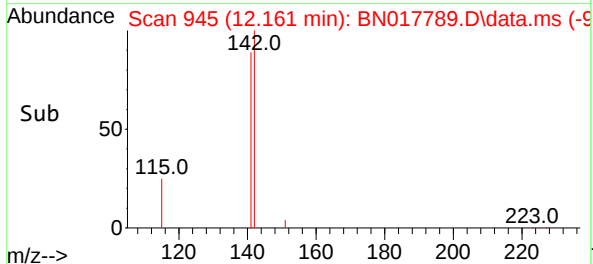
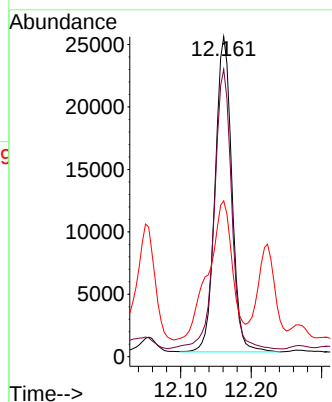
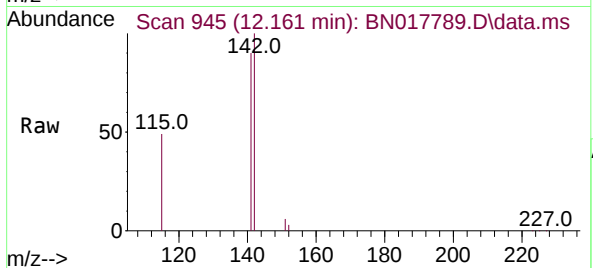
Tgt Ion:142 Resp: 41548

Ion Ratio Lower Upper

142 100

141 89.8 70.5 105.7

115 48.7 28.0 42.0#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.348 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BN017789.D

Acq: 08 Dec 2021 07:57

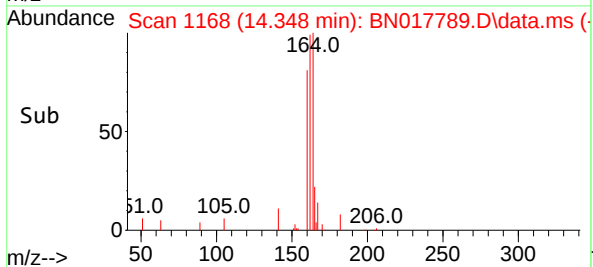
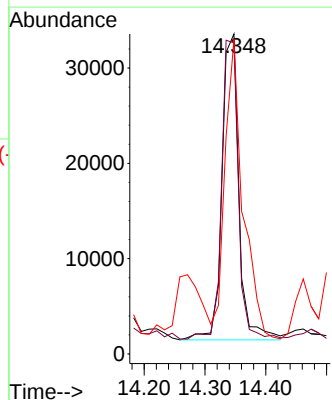
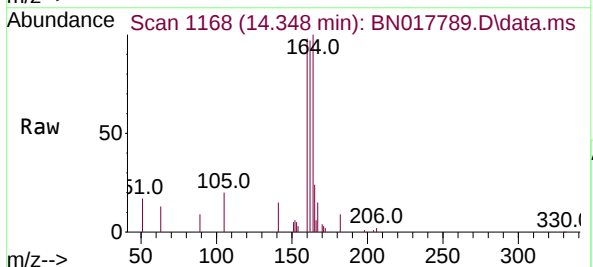
Tgt Ion:164 Resp: 61855

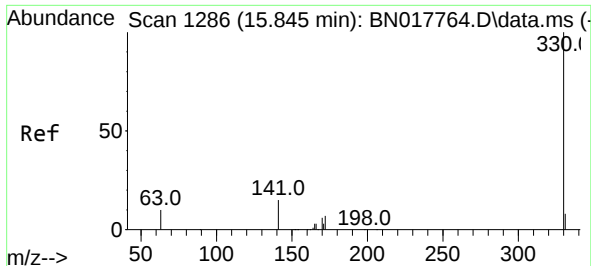
Ion Ratio Lower Upper

164 100

162 97.2 79.0 118.6

160 98.4 34.6 52.0#

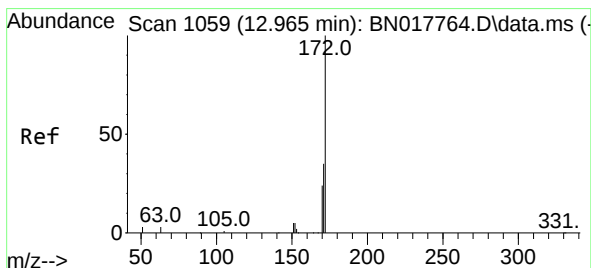
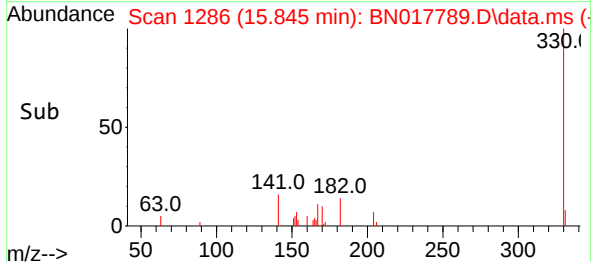
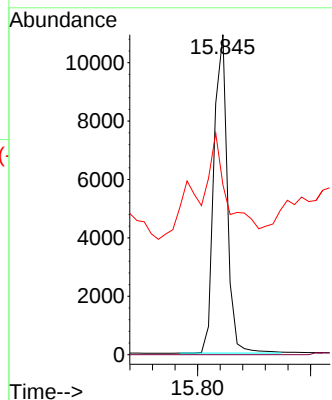
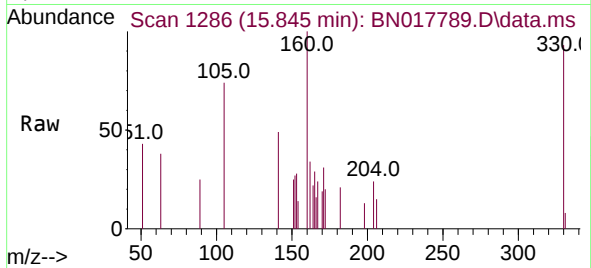




#14
2,4,6-Tribromophenol
Concen: 0.555 ng
RT: 15.845 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

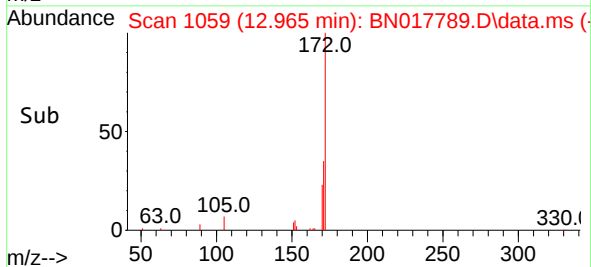
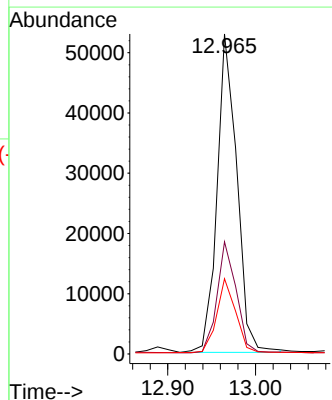
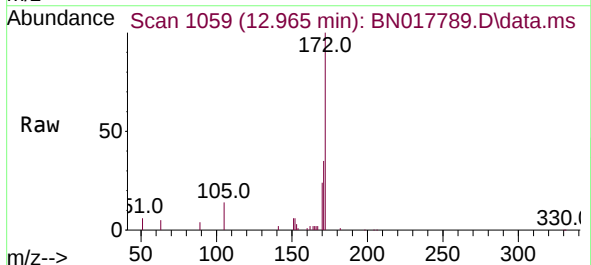
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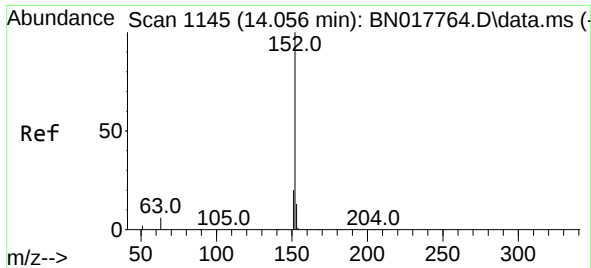
Tgt Ion: 330 Resp: 17963
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.7 21.5 32.3#



#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.965 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

Tgt Ion: 172 Resp: 82714
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.9 28.3

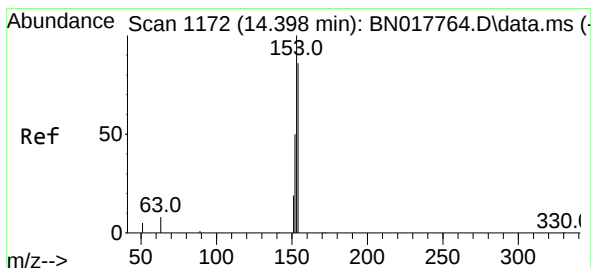
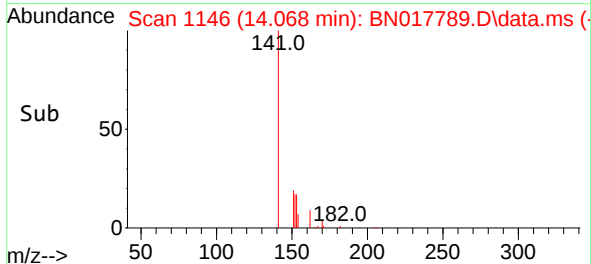
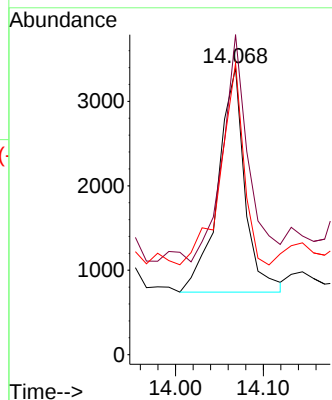
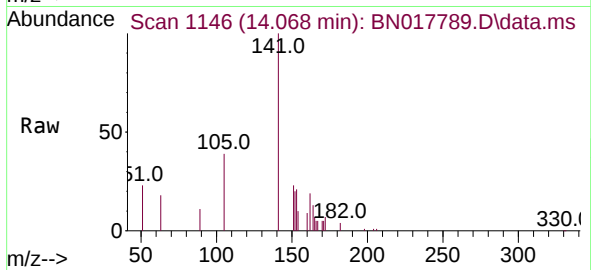




#16
Acenaphthylene
Concen: 0.023 ng
RT: 14.068 min Scan# 1146
Delta R.T. 0.013 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

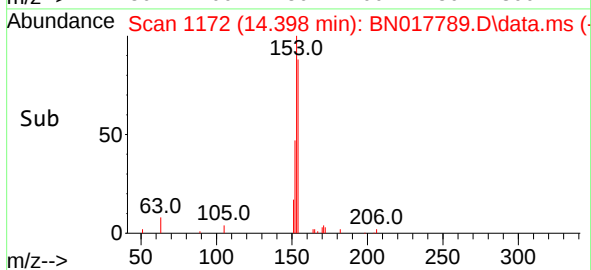
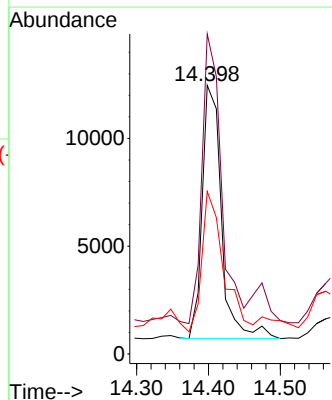
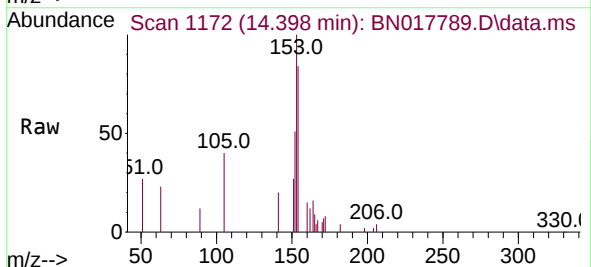
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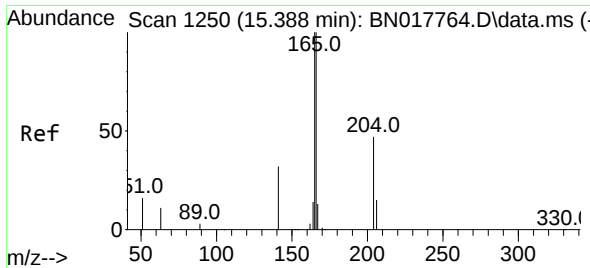
Tgt Ion:152 Resp: 5679
Ion Ratio Lower Upper
152 100
151 98.5 15.7 23.5#
153 76.9 10.4 15.6#



#17
Acenaphthene
Concen: 0.135 ng
RT: 14.398 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

Tgt Ion:154 Resp: 21842
Ion Ratio Lower Upper
154 100
153 111.8 90.1 135.1
152 62.5 43.7 65.5

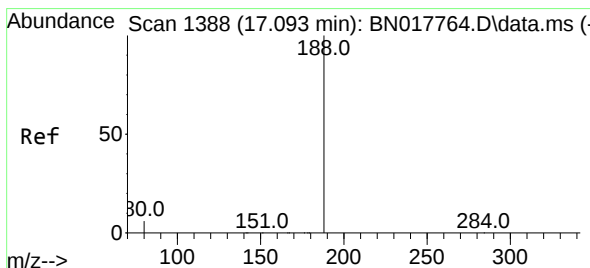
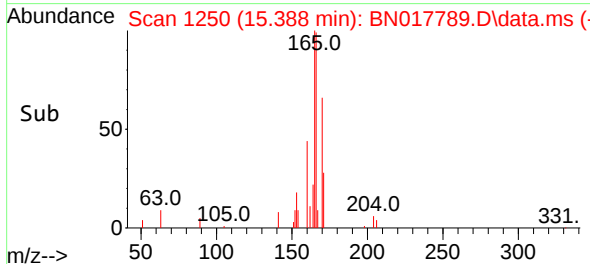
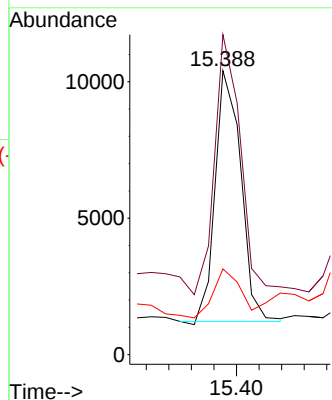
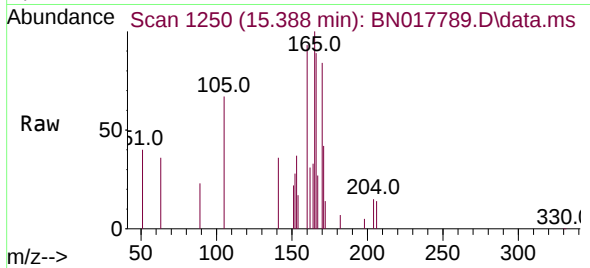




#18
 Fluorene
 Concen: 0.070 ng
 RT: 15.388 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: BN017789.D
 Acq: 08 Dec 2021 07:57

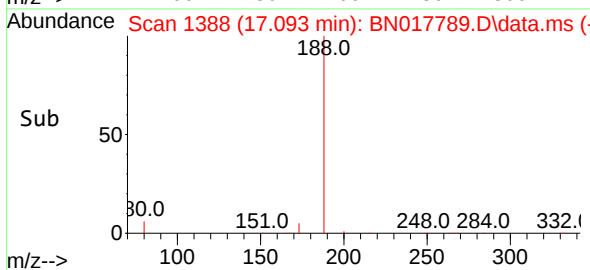
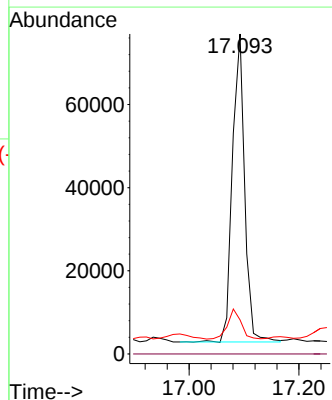
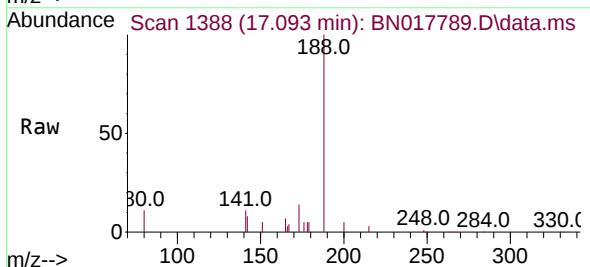
Instrument :
 BNA_N
 ClientSampleId :
 MW-31

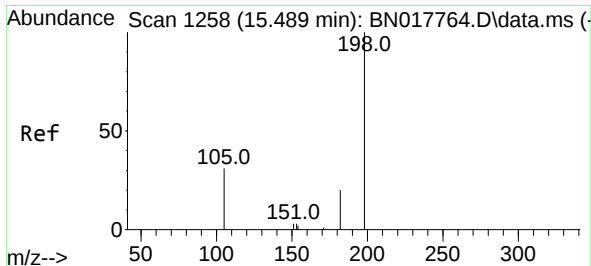
Tgt Ion:166 Resp: 14448
 Ion Ratio Lower Upper
 166 100
 165 106.7 77.8 116.8
 167 20.6 11.0 16.4#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.093 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: BN017789.D
 Acq: 08 Dec 2021 07:57

Tgt Ion:188 Resp: 114327
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.6 5.1 7.7#

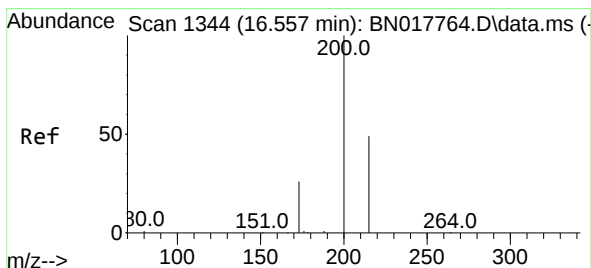
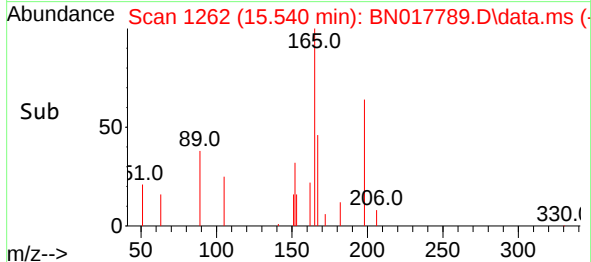
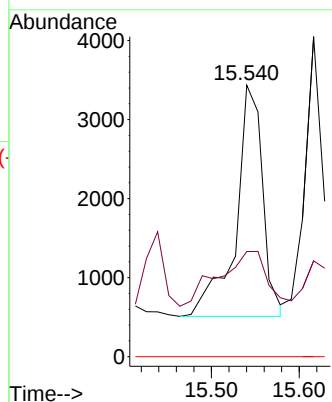
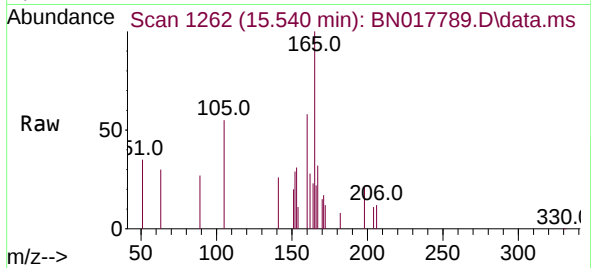




#20
4,6-Dinitro-2-methylphenol
Concen: 1.958 ng
RT: 15.540 min Scan# 1262
Delta R.T. 0.051 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

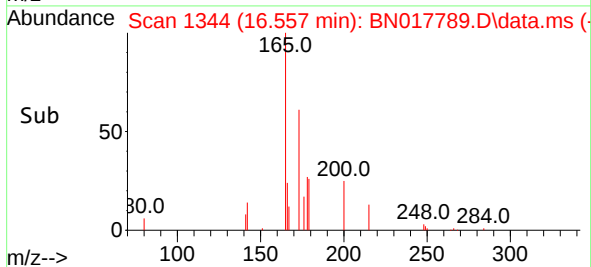
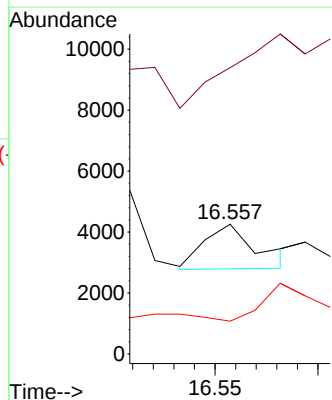
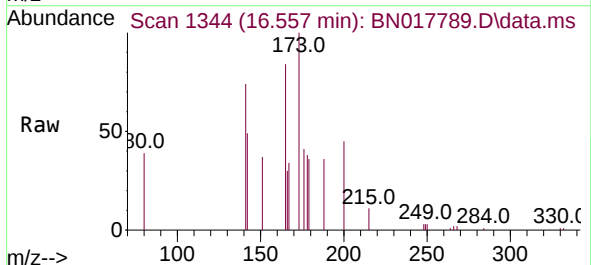
Instrument :
BNA_N
ClientSampleId :
MW-31

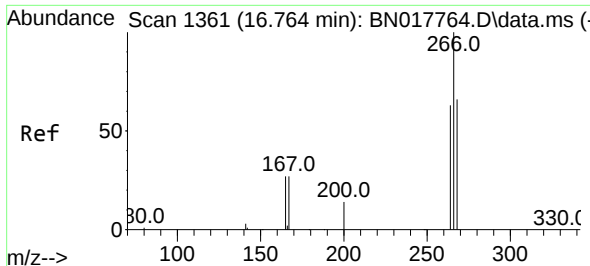
Tgt Ion:198 Resp: 6209
Ion Ratio Lower Upper
198 100
182 38.7 44.2 66.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.052 ng
RT: 16.557 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

Tgt Ion:200 Resp: 2611
Ion Ratio Lower Upper
200 100
173 220.7 21.4 32.2#
215 25.3 39.3 58.9#

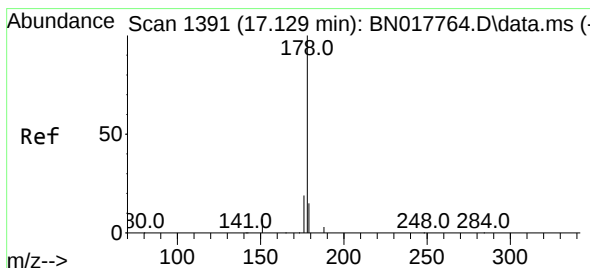
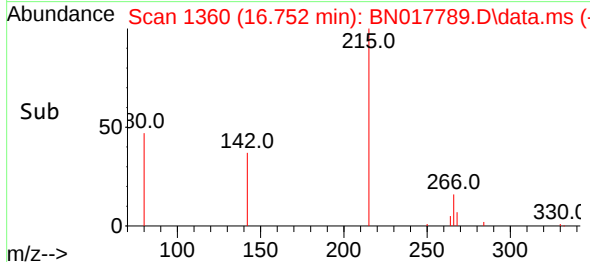
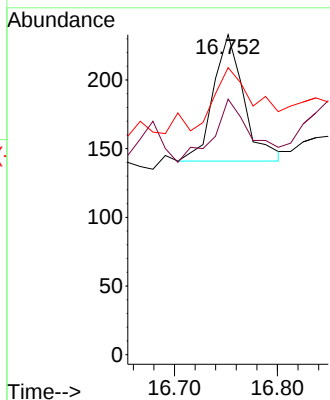
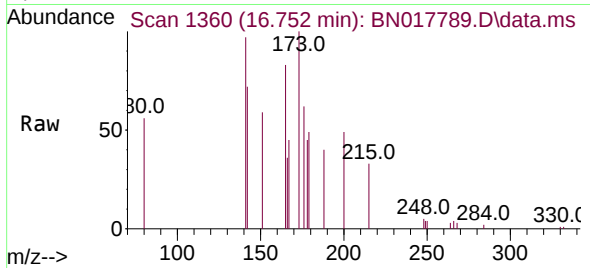




#24
 Pentachlorophenol
 Concen: 0.286 ng
 RT: 16.752 min Scan# 1360
 Delta R.T. -0.012 min
 Lab File: BN017789.D
 Acq: 08 Dec 2021 07:57

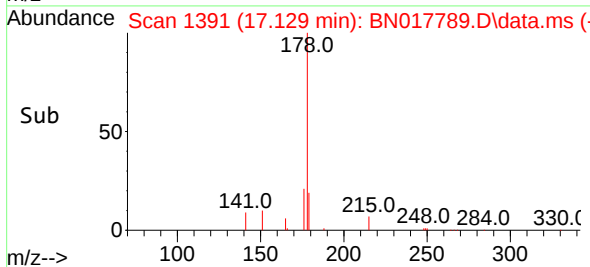
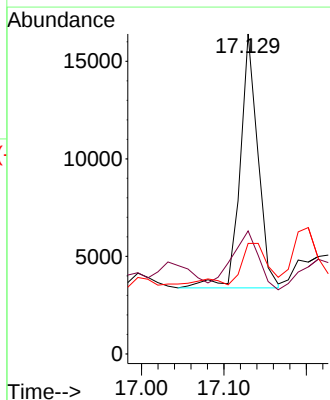
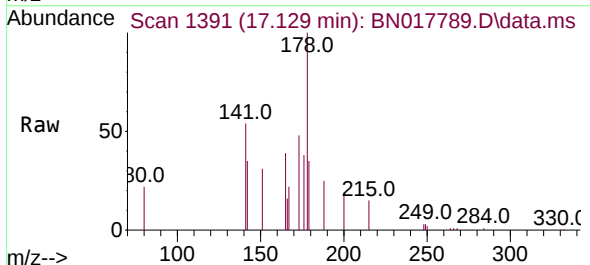
Instrument :
 BNA_N
 ClientSampleId :
 MW-31

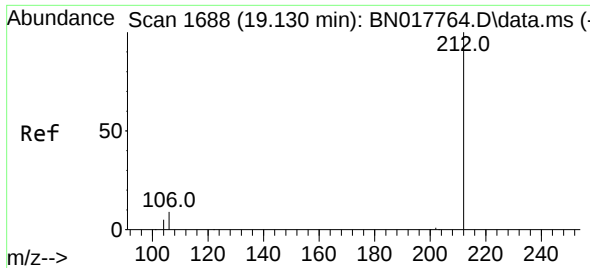
Tgt Ion:	266	Resp:	191
Ion Ratio	Lower	Upper	
266	100		
264	61.8	50.8	76.2
268	77.5	51.8	77.6



#25
 Phenanthrene
 Concen: 0.065 ng
 RT: 17.129 min Scan# 1391
 Delta R.T. 0.000 min
 Lab File: BN017789.D
 Acq: 08 Dec 2021 07:57

Tgt Ion:	178	Resp:	19489
Ion Ratio	Lower	Upper	
178	100		
176	35.2	15.0	22.6#
179	23.2	12.5	18.7#

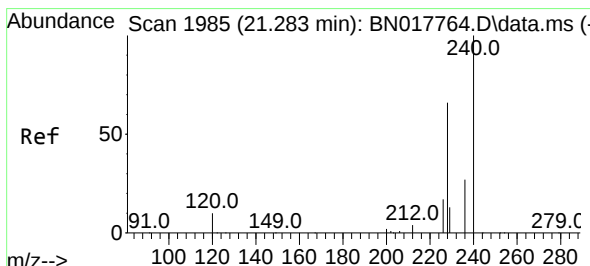
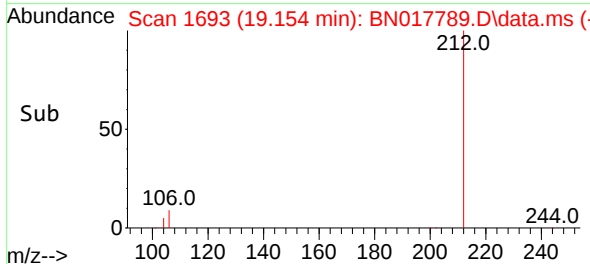
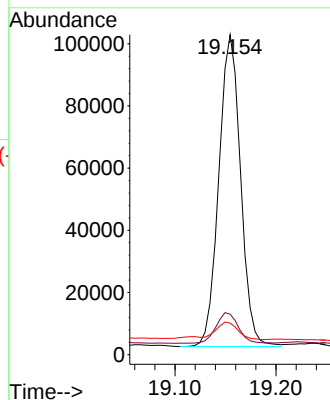
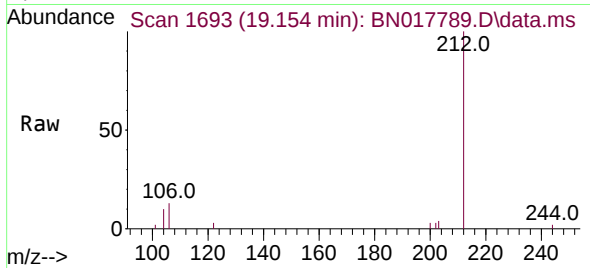




#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.154 min Scan# 1693
Delta R.T. 0.025 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

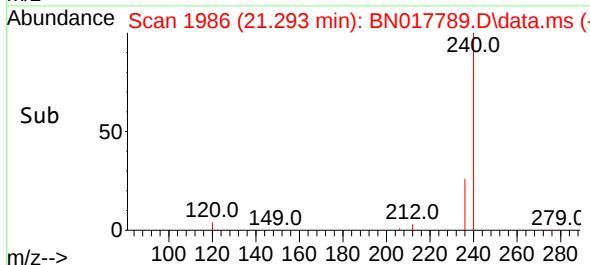
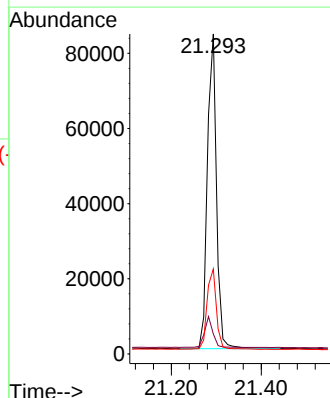
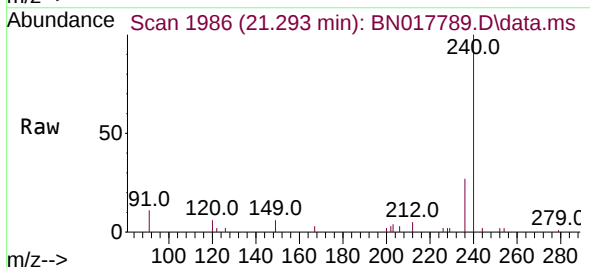
Instrument :
BNA_N
ClientSampleId :
MW-31

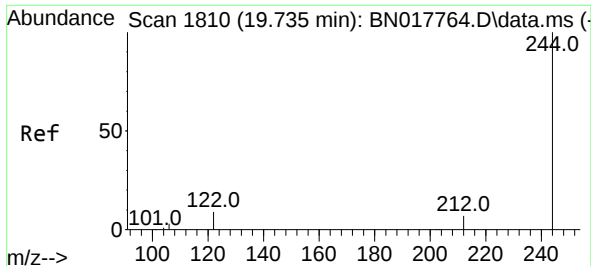
Tgt Ion:212 Resp: 150274
Ion Ratio Lower Upper
212 100
106 10.2 8.2 12.2
104 5.6 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1986
Delta R.T. 0.011 min
Lab File: BN017789.D
Acq: 08 Dec 2021 07:57

Tgt Ion:240 Resp: 116852
Ion Ratio Lower Upper
240 100
120 6.3 7.9 11.9#
236 26.6 21.4 32.2

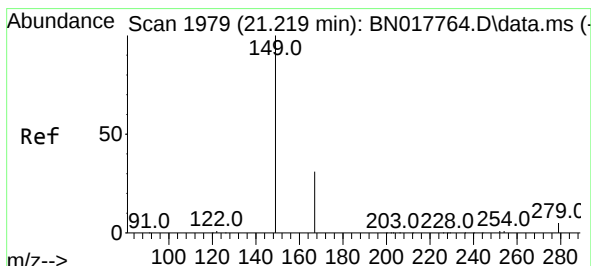
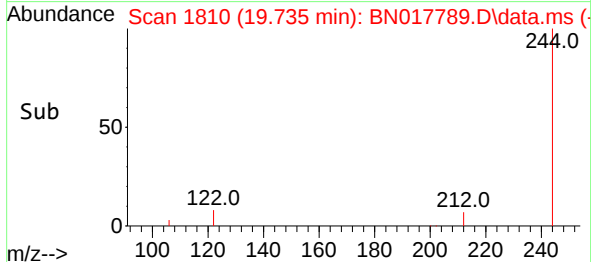
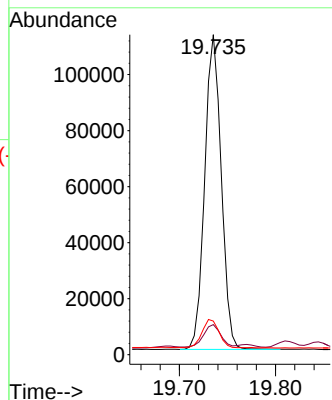
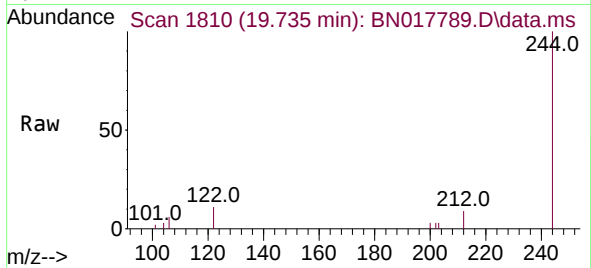




#31
 Terphenyl-d14
 Concen: 0.533 ng
 RT: 19.735 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: BN017789.D
 Acq: 08 Dec 2021 07:57

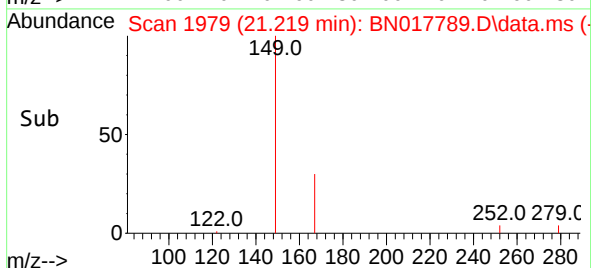
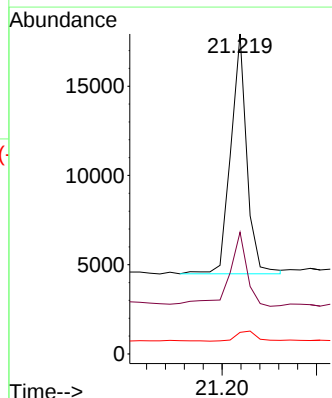
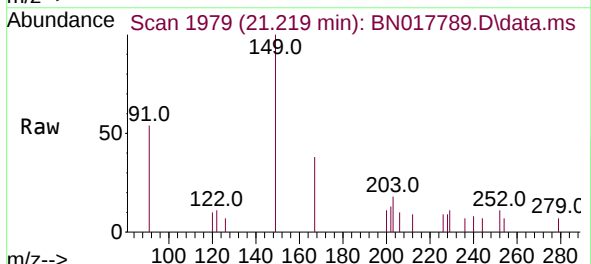
Instrument :
 BNA_N
 ClientSampleId :
 MW-31

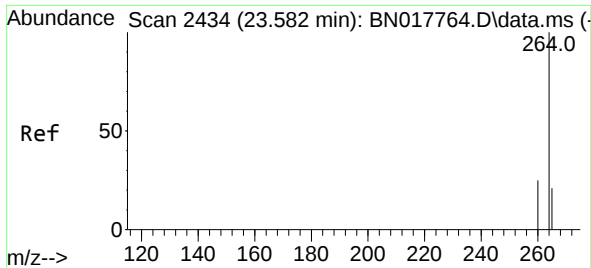
Tgt Ion:244 Resp: 133780
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 10.5 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: BN017789.D
 Acq: 08 Dec 2021 07:57

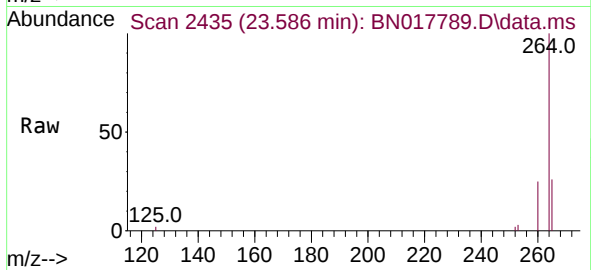
Tgt Ion:149 Resp: 15885
 Ion Ratio Lower Upper
 149 100
 167 34.5 23.5 35.3
 279 5.5 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BN017789.D
 Acq: 08 Dec 2021 07:57

Instrument :
 BNA_N
 ClientSampleId :
 MW-31



Tgt Ion:264 Resp: 114717
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.0 30.0
 265 25.9 20.5 30.7

