

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017908.D
 Acq On : 11 Dec 2021 15:58
 Operator : CG/JU
 Sample : M4957-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20211206

Quant Time: Dec 11 21:30:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

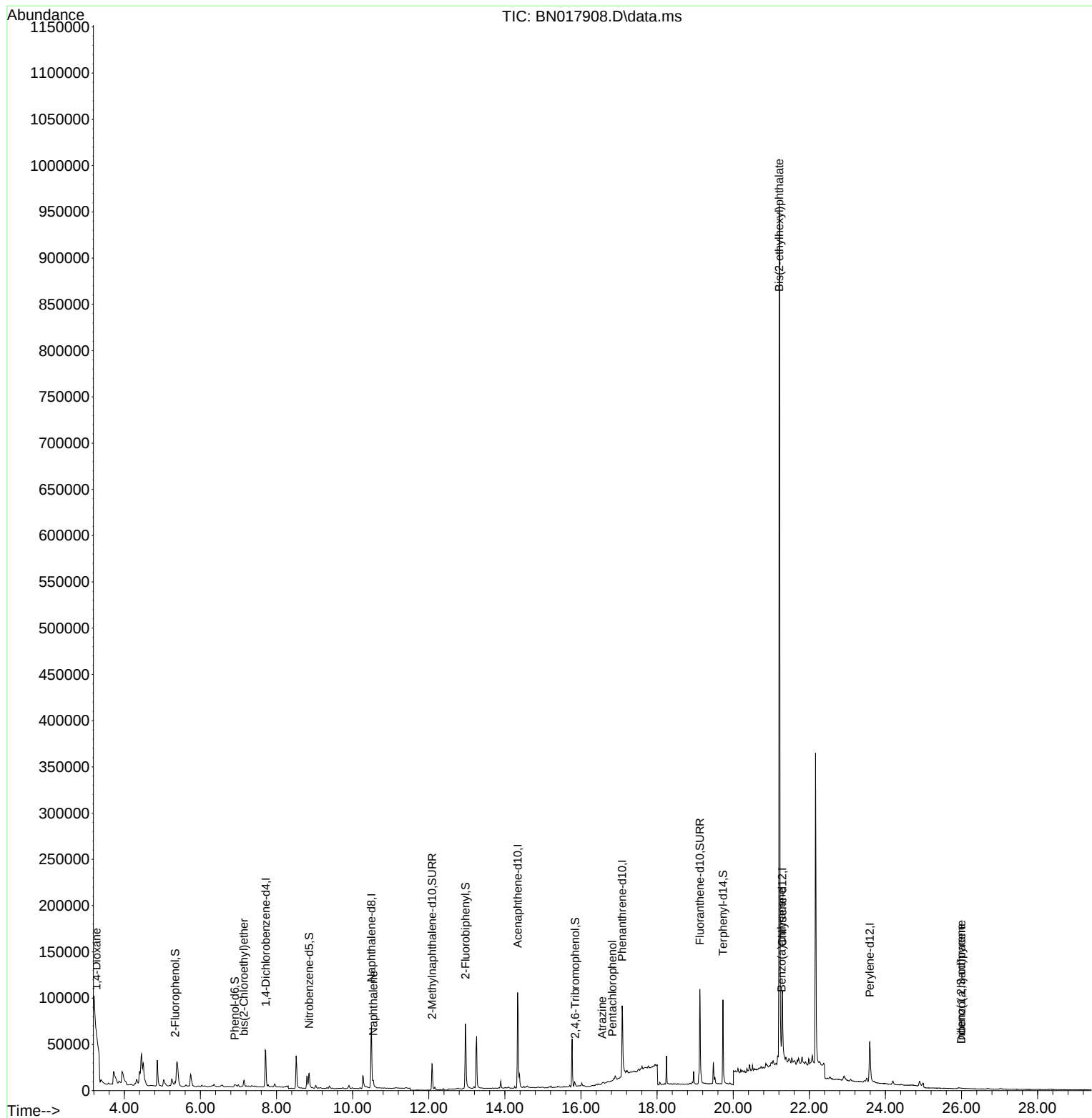
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	24622	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	103116	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	69754	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	136877	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	97224	0.400	ng	# 0.00
35) Perylene-d12	23.589	264	77027	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5453	0.107	ng	0.00
5) Phenol-d6	6.903	99	2715	0.054	ng	0.00
8) Nitrobenzene-d5	8.859	82	18369	0.273	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	46517	0.257	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4996	0.464	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	73178	0.298	ng	0.00
27) Fluoranthene-d10	19.124	212	137579	0.310	ng	0.00
31) Terphenyl-d14	19.730	244	108865	0.454	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	1811	0.242	ng	91
6) bis(2-Chloroethyl)ether	7.143	93	1420	0.023	ng	# 1
9) Naphthalene	10.545	128	9039	0.035	ng	97
20) 4,6-Dinitro-2-methylph...	15.451	198	16	Below Cal	#	1
23) Atrazine	16.557	200	692	0.102	ng	# 57
24) Pentachlorophenol	16.825	266	122	0.141	ng	# 1
32) Benzo(a)anthracene	21.272	228	4217	0.063	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.208	149	1045668	10.018	ng	98
36) Indeno(1,2,3-cd)pyrene	25.985	276	1255	0.097	ng	# 60
40) Dibenzo(a,h)anthracene	25.999	278	343	0.104	ng	# 1

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

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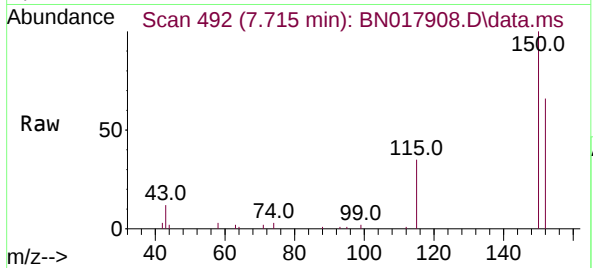
Quant Time: Dec 11 21:30:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
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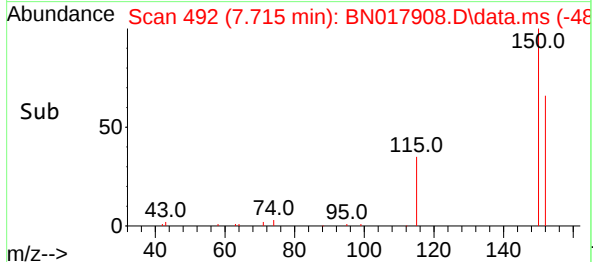
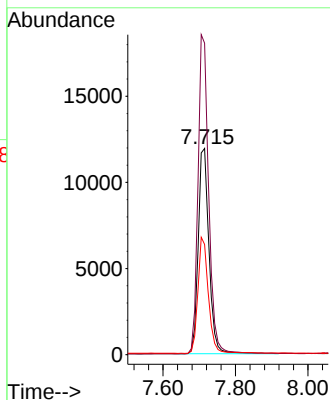


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017908.D
 Acq: 11 Dec 2021 15:58

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20211206

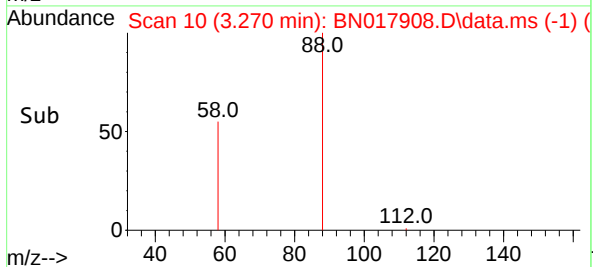
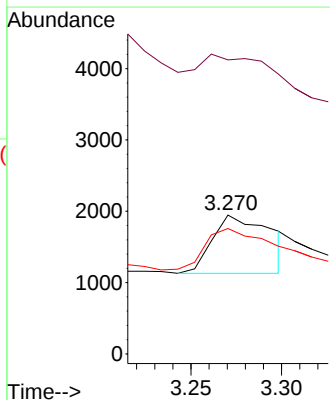
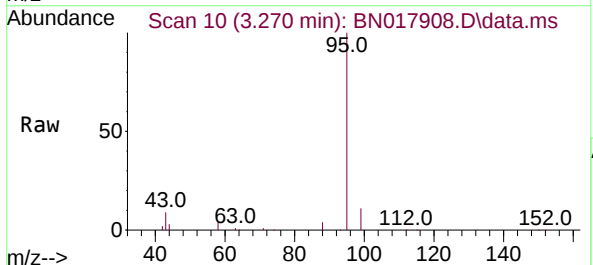


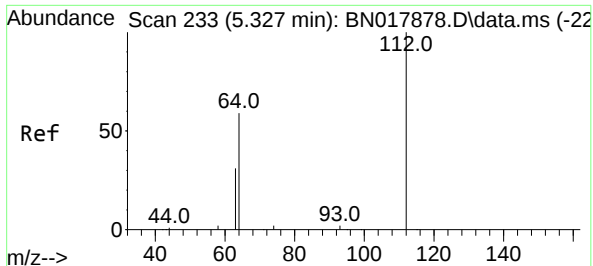
Tgt Ion:152 Resp: 24622
 Ion Ratio Lower Upper
 152 100
 150 151.0 121.9 182.9
 115 53.5 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.242 ng
 RT: 3.270 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BN017908.D
 Acq: 11 Dec 2021 15:58

Tgt Ion: 88 Resp: 1811
 Ion Ratio Lower Upper
 88 100
 43 28.3 28.0 42.0
 58 74.4 65.4 98.0

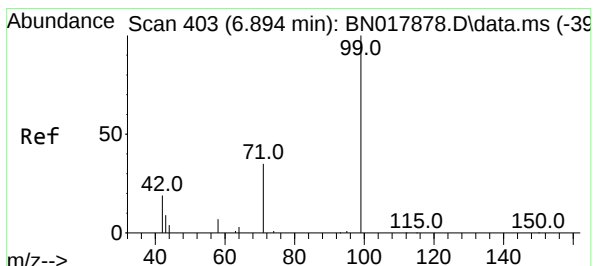
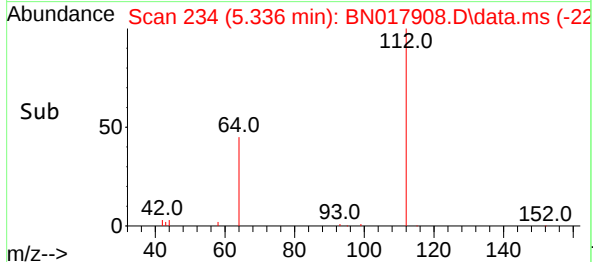
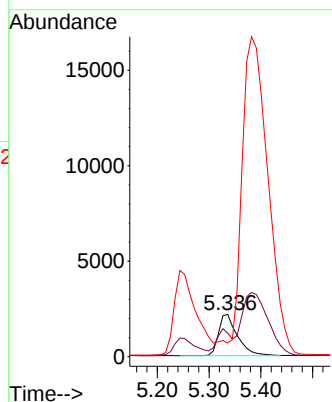
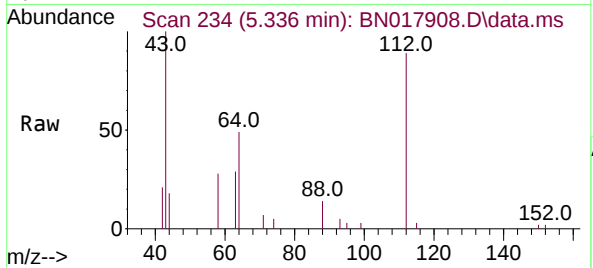




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

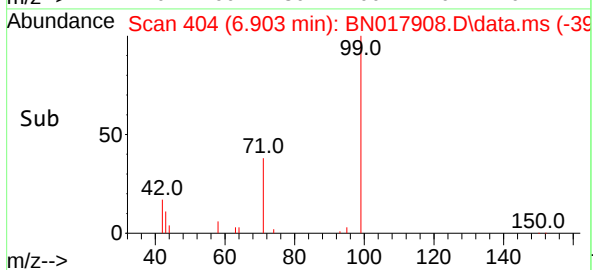
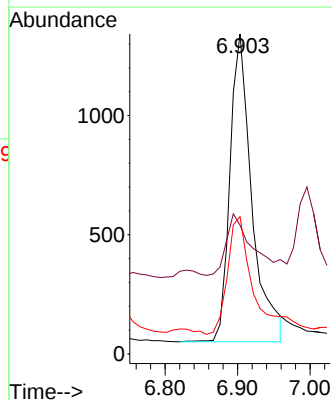
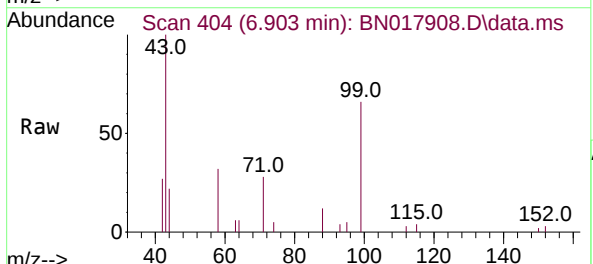
Instrument :
BNA_N
ClientSampleId :
MW179D-20211206

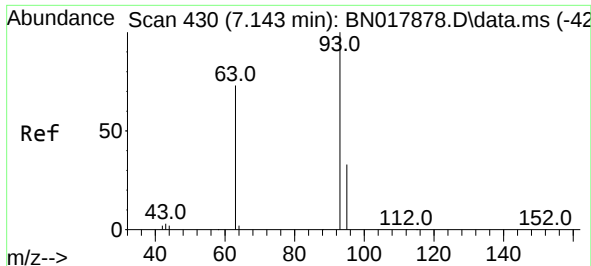
Tgt Ion:112 Resp: 5453
Ion Ratio Lower Upper
112 100
64 37.0 49.0 73.4#
63 0.0 26.2 39.2#



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

Tgt Ion: 99 Resp: 2715
Ion Ratio Lower Upper
99 100
42 23.1 17.0 25.4
71 42.7 28.0 42.0#

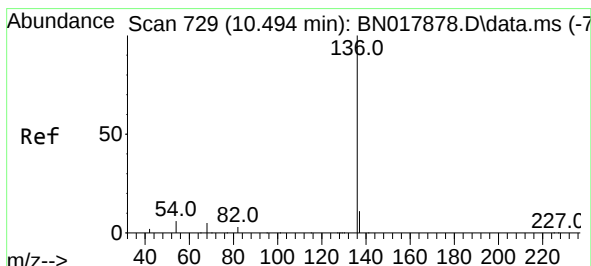
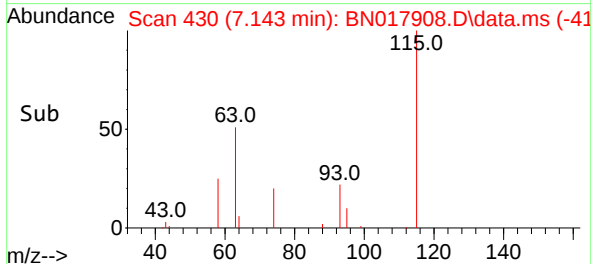
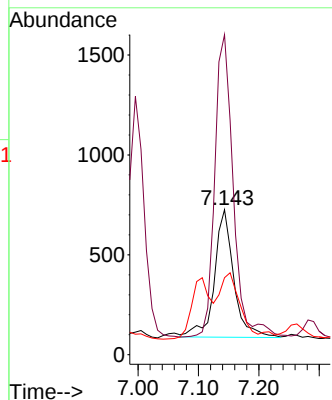
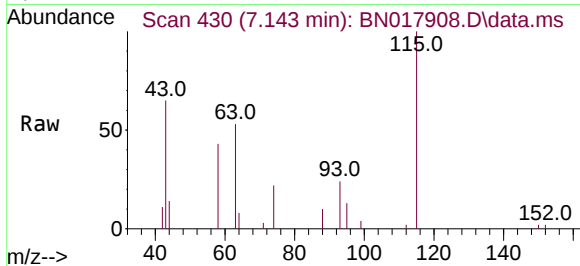




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.143 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

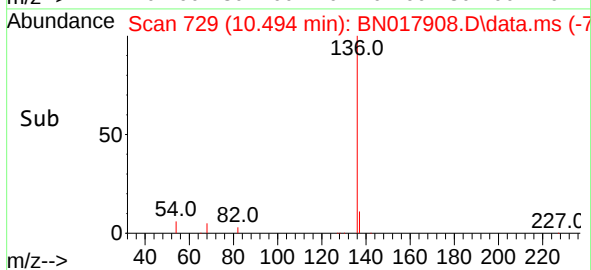
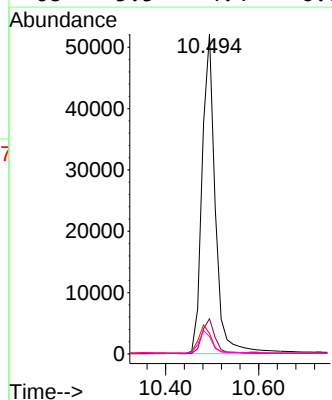
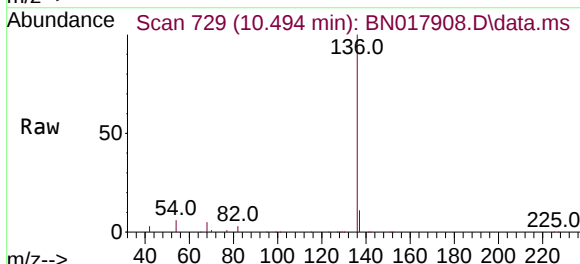
Instrument :
BNA_N
ClientSampleId :
MW179D-20211206

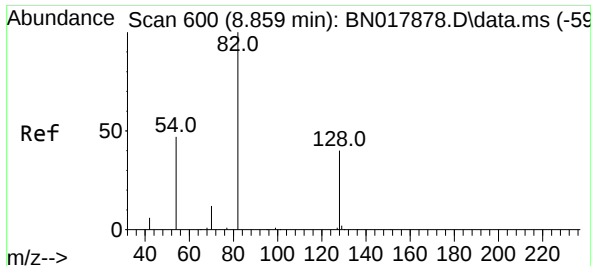
Tgt Ion: 93 Resp: 1420
Ion Ratio Lower Upper
93 100
63 227.3 62.0 93.0#
95 53.5 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

Tgt Ion: 136 Resp: 103116
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.1 7.7
68 5.5 4.4 6.6

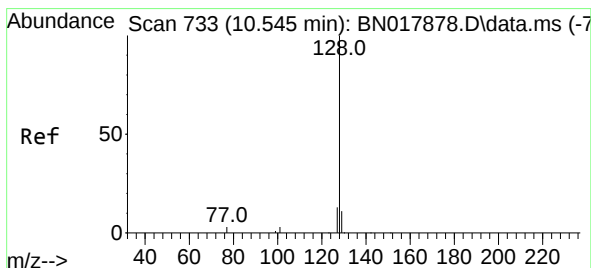
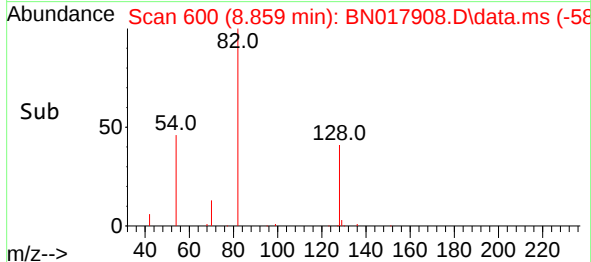
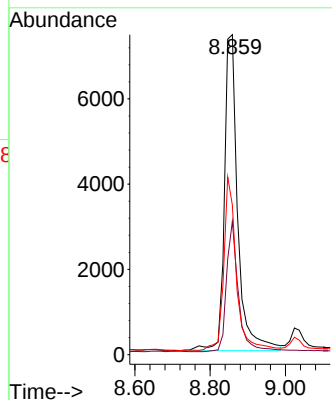
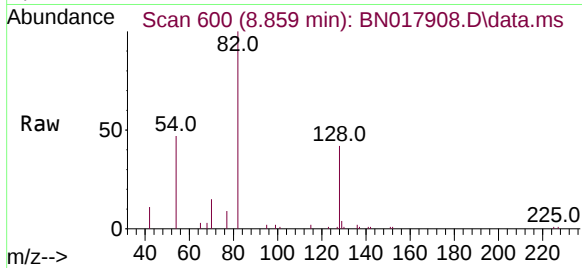




#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

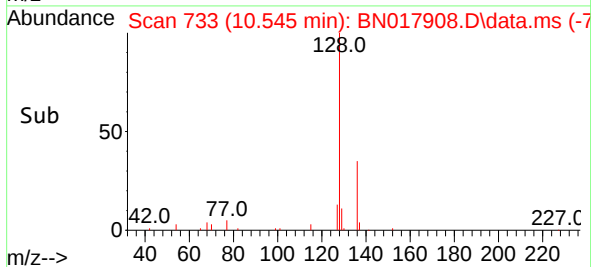
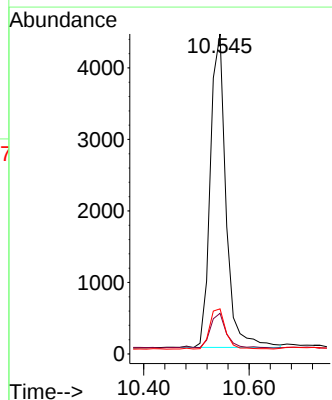
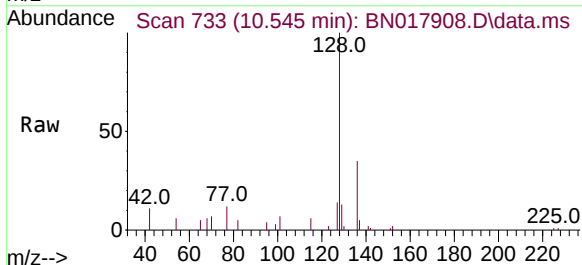
Instrument :
BNA_N
ClientSampleId :
MW179D-20211206

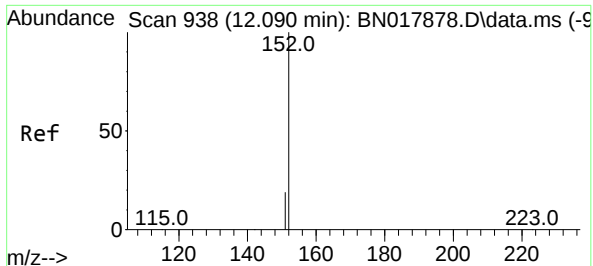
Tgt Ion: 82 Resp: 18369
Ion Ratio Lower Upper
82 100
128 41.7 32.2 48.4
54 46.7 37.6 56.4



#9
Naphthalene
Concen: 0.035 ng
RT: 10.545 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

Tgt Ion: 128 Resp: 9039
Ion Ratio Lower Upper
128 100
129 12.7 8.8 13.2
127 14.1 10.5 15.7





#11

2-Methylnaphthalene-d10

Concen: 0.257 ng

RT: 12.085 min Scan# 91

Delta R.T. -0.004 min

Lab File: BN017908.D

Acq: 11 Dec 2021 15:58

Instrument :

BNA_N

ClientSampleId :

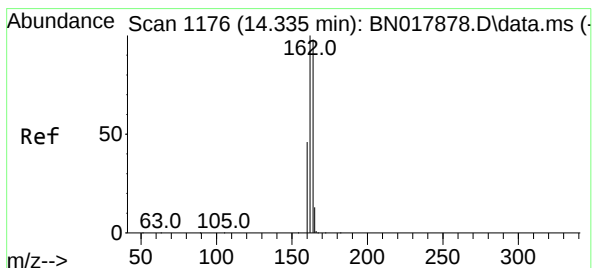
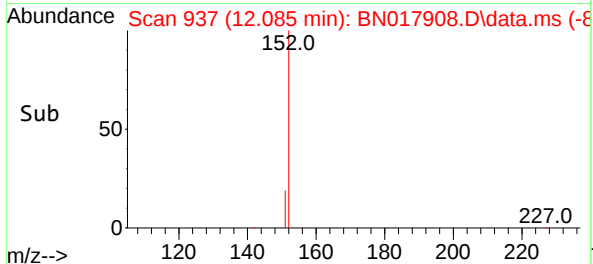
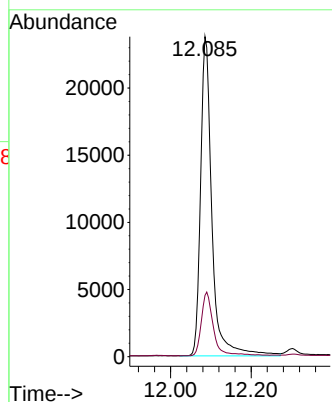
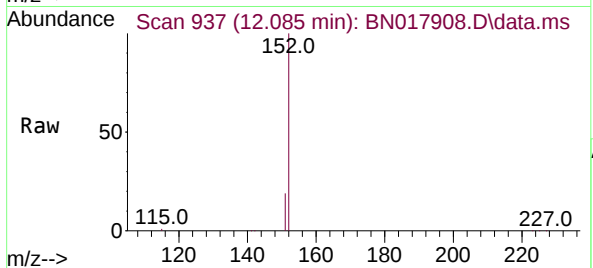
MW179D-20211206

Tgt Ion:152 Resp: 46517

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.335 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BN017908.D

Acq: 11 Dec 2021 15:58

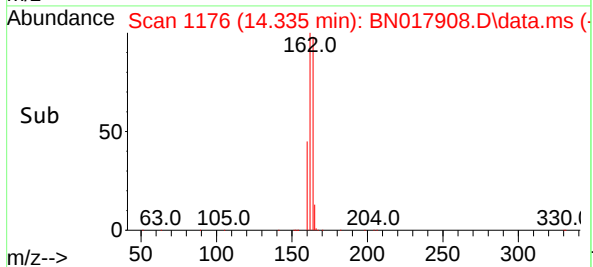
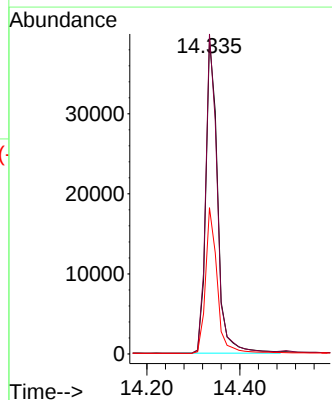
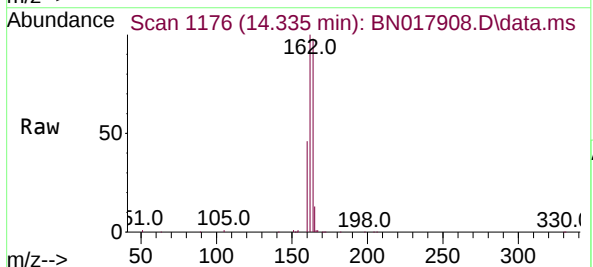
Tgt Ion:164 Resp: 69754

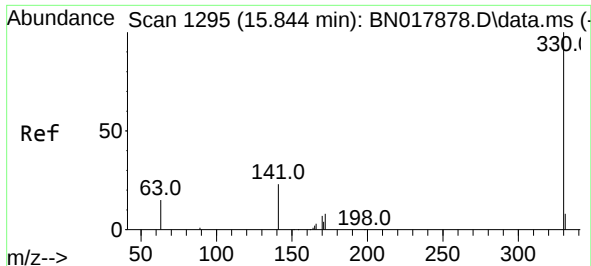
Ion Ratio Lower Upper

164 100

162 101.6 82.1 123.1

160 46.4 38.2 57.2

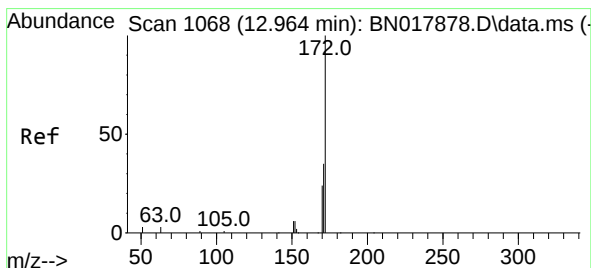
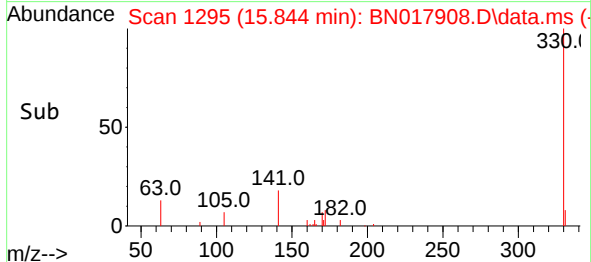
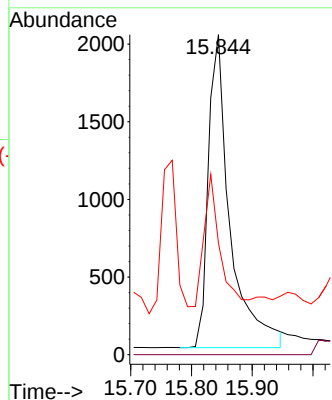
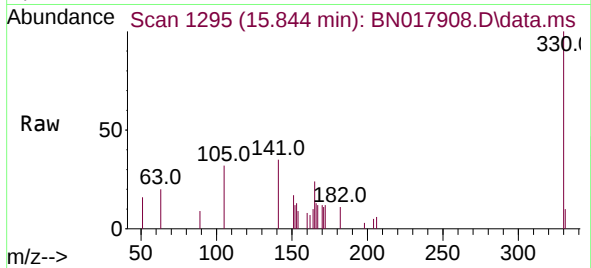




#14
2,4,6-Tribromophenol
Concen: 0.464 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

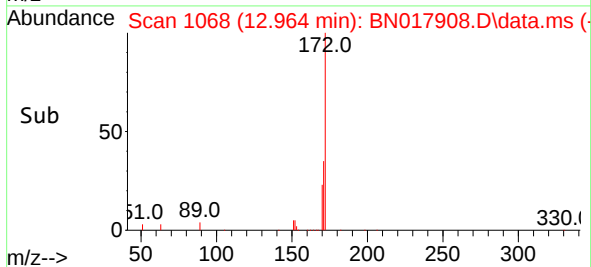
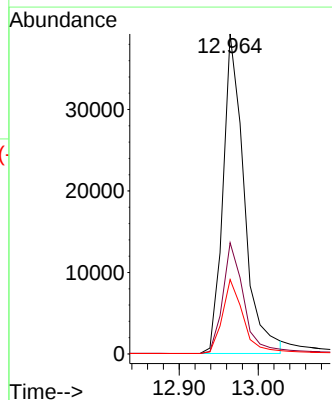
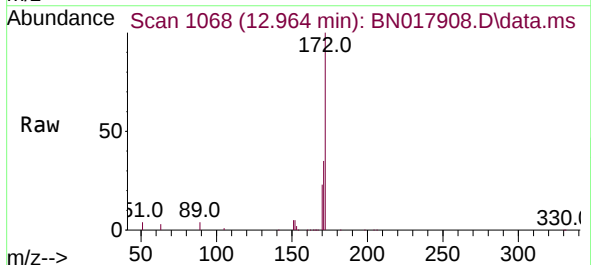
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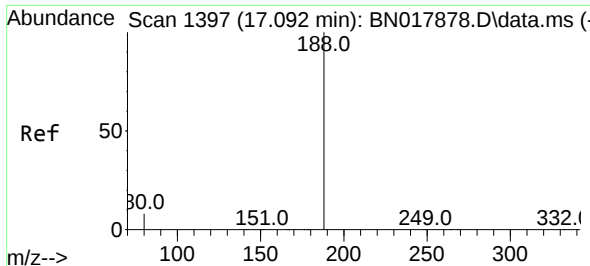
Tgt Ion: 330 Resp: 4996
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.0 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

Tgt Ion: 172 Resp: 73178
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.2 19.1 28.7

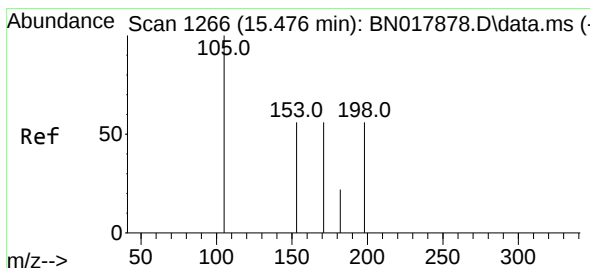
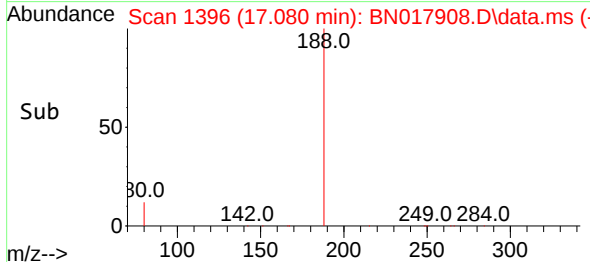
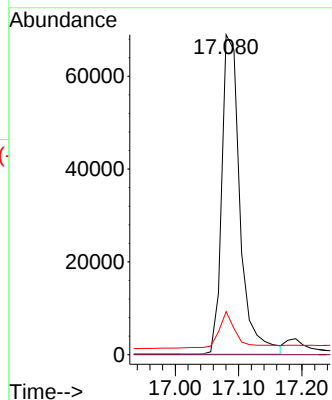
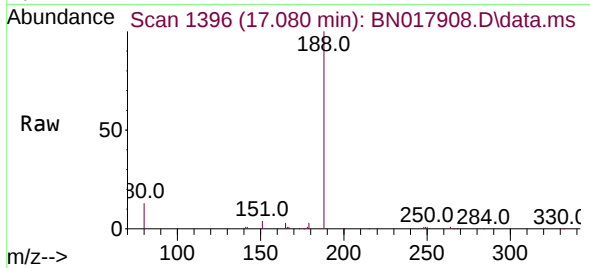




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

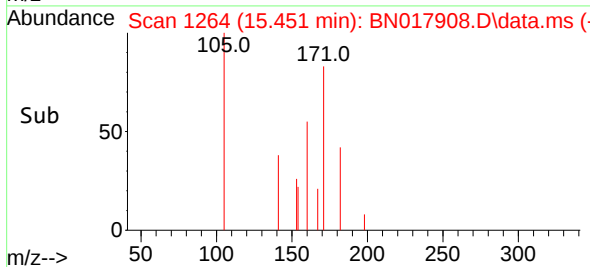
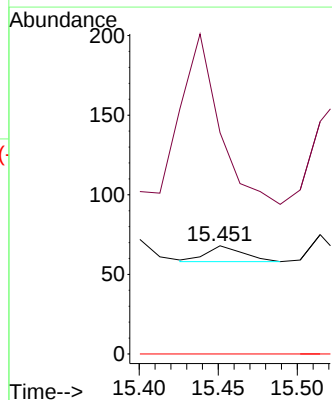
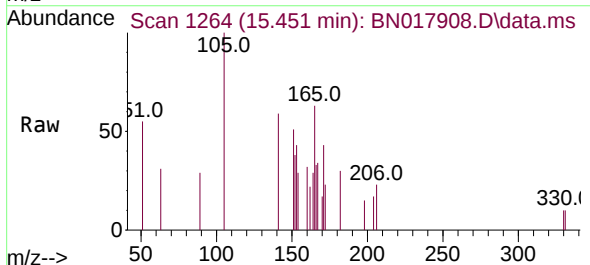
Instrument :
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MW179D-20211206

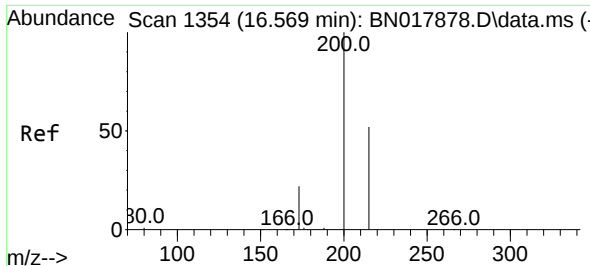
Tgt Ion:188 Resp: 136877
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 6.2 9.2#



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.451 min Scan# 1264
Delta R.T. -0.025 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
182 204.4 70.8 106.2#
77 0.0 0.0 0.0

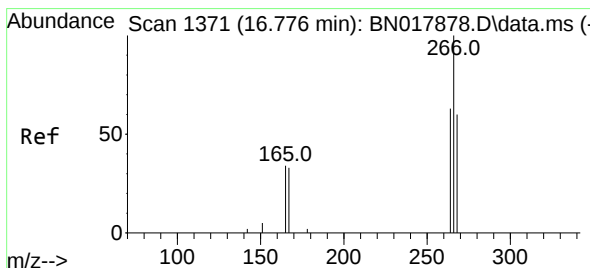
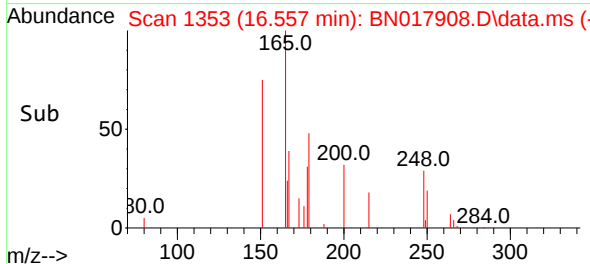
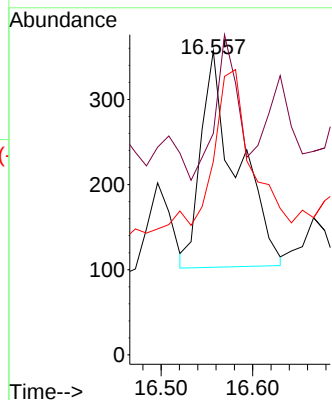
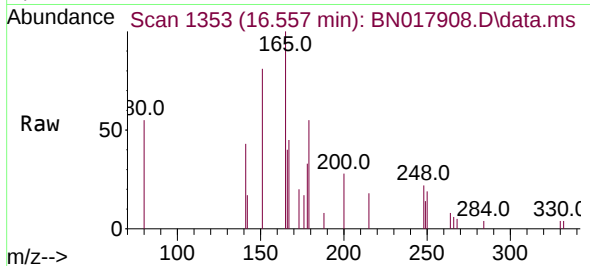




#23
 Atrazine
 Concen: 0.102 ng
 RT: 16.557 min Scan# 1353
 Delta R.T. -0.012 min
 Lab File: BN017908.D
 Acq: 11 Dec 2021 15:58

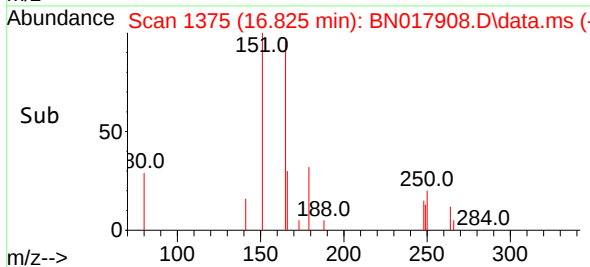
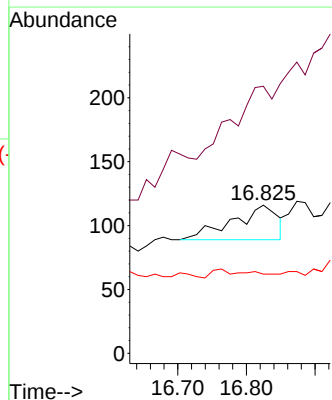
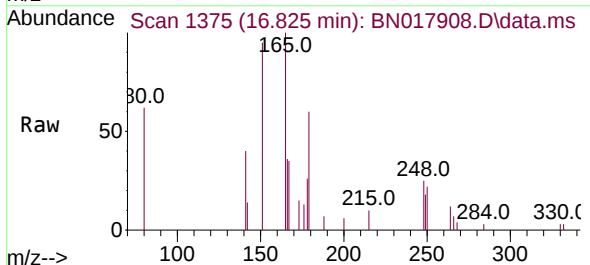
Instrument :
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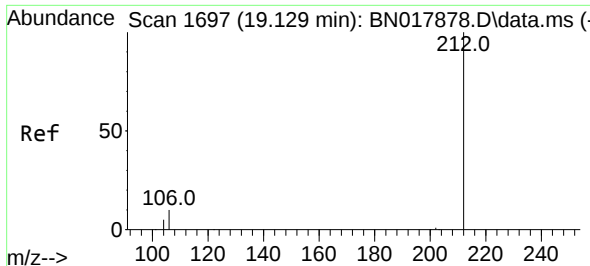
Tgt Ion:200 Resp: 692
 Ion Ratio Lower Upper
 200 100
 173 72.8 18.2 27.2#
 215 63.6 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.141 ng
 RT: 16.825 min Scan# 1375
 Delta R.T. 0.049 min
 Lab File: BN017908.D
 Acq: 11 Dec 2021 15:58

Tgt Ion:266 Resp: 122
 Ion Ratio Lower Upper
 266 100
 264 184.4 50.6 76.0#
 268 0.0 53.7 80.5#

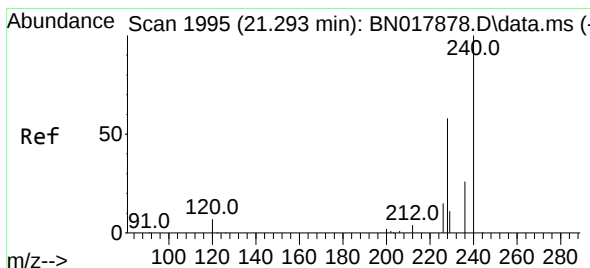
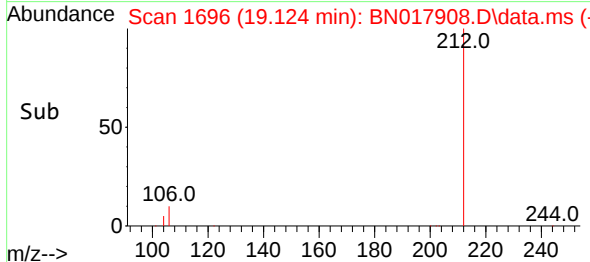
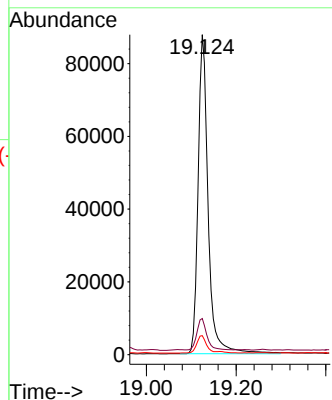
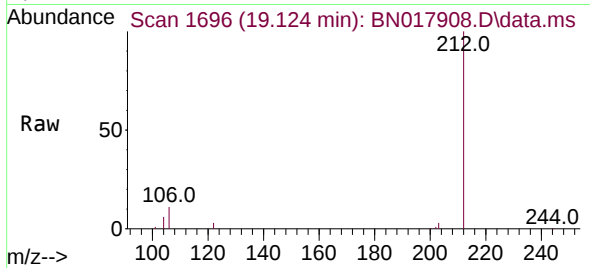




#27
Fluoranthene-d10
Concen: 0.310 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

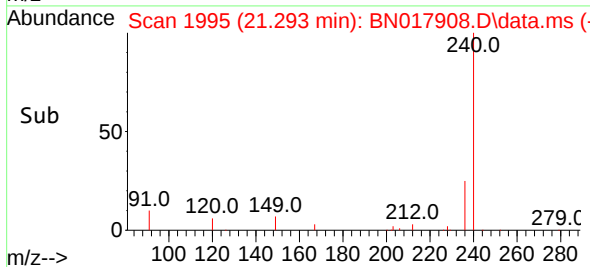
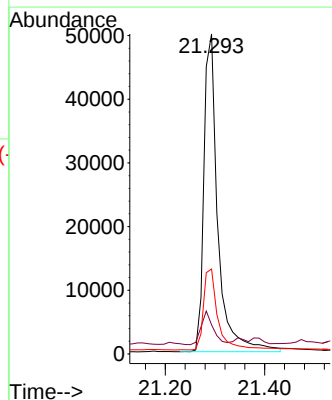
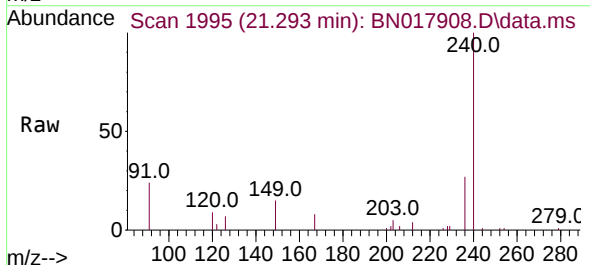
Instrument :
BNA_N
ClientSampleId :
MW179D-20211206

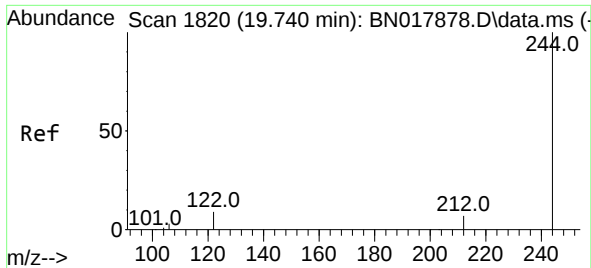
Tgt Ion:212 Resp: 137579
Ion Ratio Lower Upper
212 100
106 9.8 8.3 12.5
104 5.3 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

Tgt Ion:240 Resp: 97224
Ion Ratio Lower Upper
240 100
120 9.1 5.8 8.8#
236 26.6 21.0 31.6

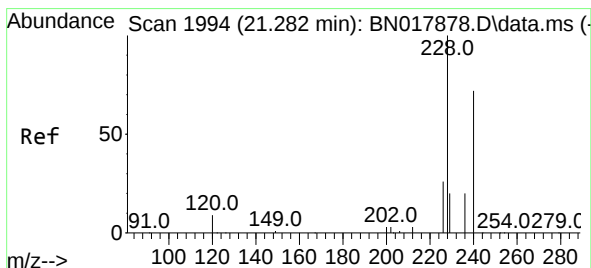
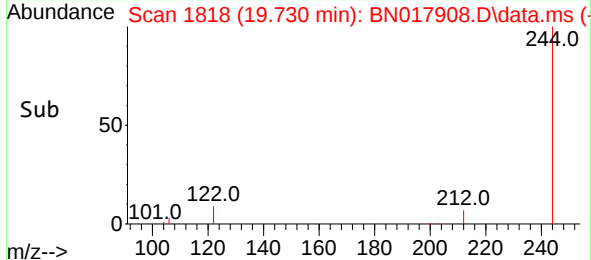
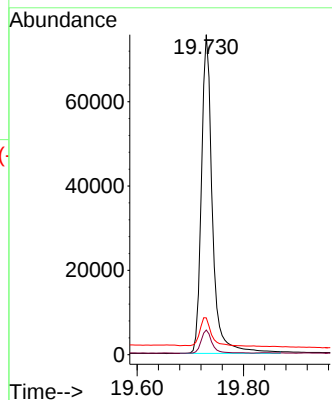
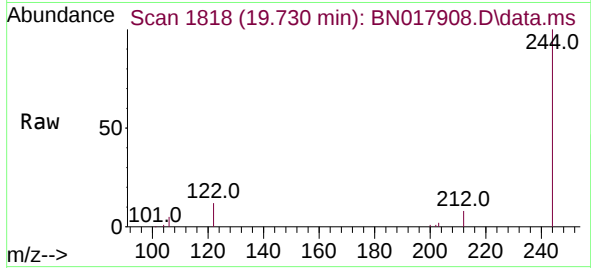




#31
 Terphenyl-d14
 Concen: 0.454 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017908.D
 Acq: 11 Dec 2021 15:58

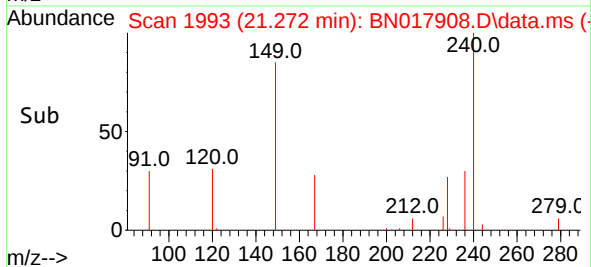
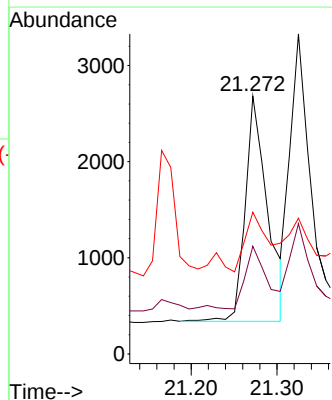
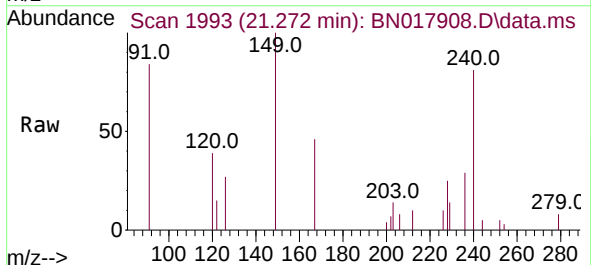
Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20211206

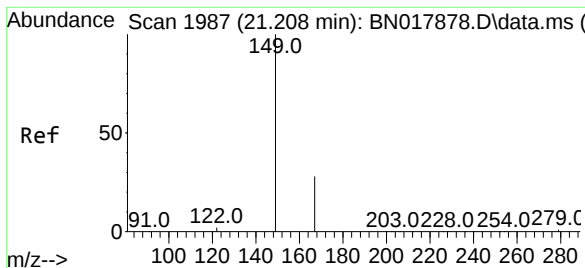
Tgt Ion:244 Resp: 108865
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 11.5 7.5 11.3#



#32
 Benzo(a)anthracene
 Concen: 0.063 ng
 RT: 21.272 min Scan# 1993
 Delta R.T. -0.010 min
 Lab File: BN017908.D
 Acq: 11 Dec 2021 15:58

Tgt Ion:228 Resp: 4217
 Ion Ratio Lower Upper
 228 100
 226 41.8 21.0 31.4#
 229 55.0 15.8 23.8#

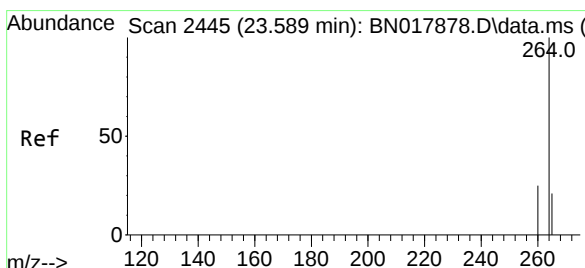
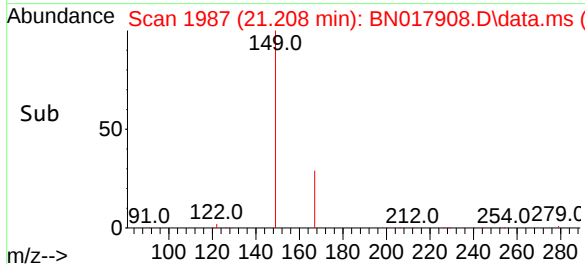
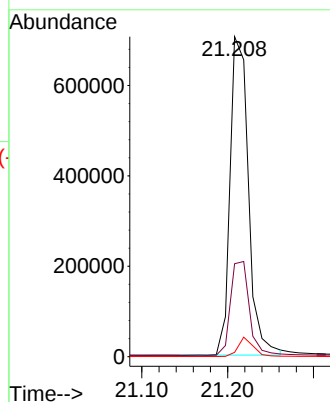
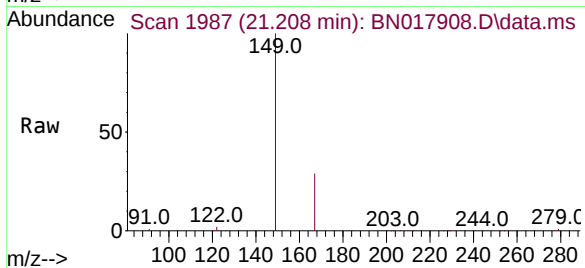




#34
Bis(2-ethylhexyl)phthalate
Concen: 10.018 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

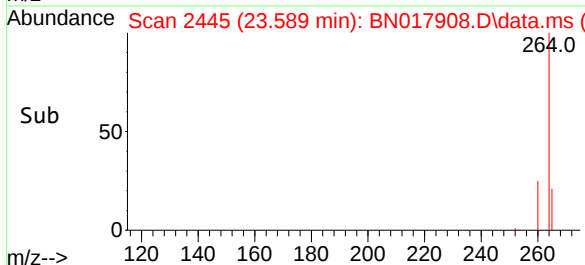
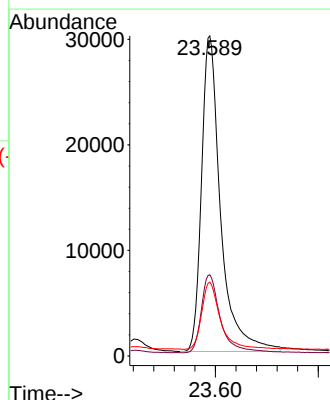
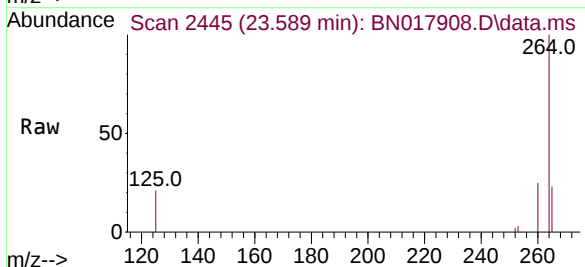
Instrument :
BNA_N
ClientSampleId :
MW179D-20211206

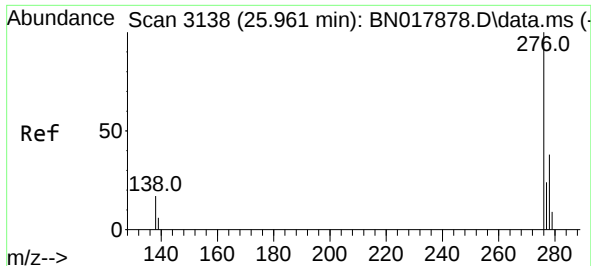
Tgt Ion:149 Resp: 1045668
Ion Ratio Lower Upper
149 100
167 30.3 23.4 35.0
279 5.0 3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN017908.D
Acq: 11 Dec 2021 15:58

Tgt Ion:264 Resp: 77027
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.4
265 23.1 18.2 27.4

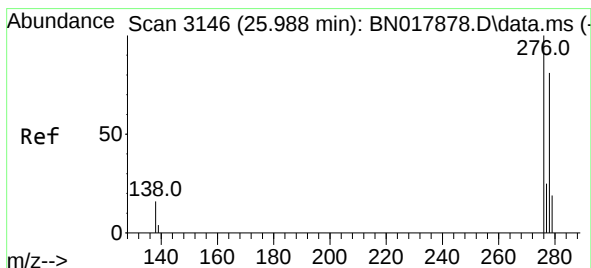
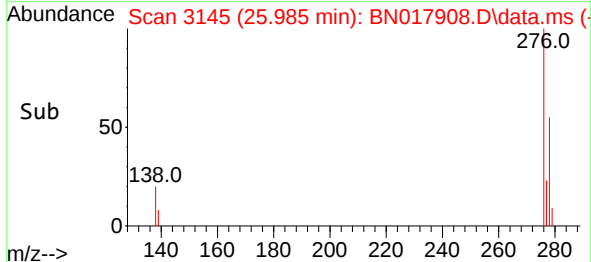
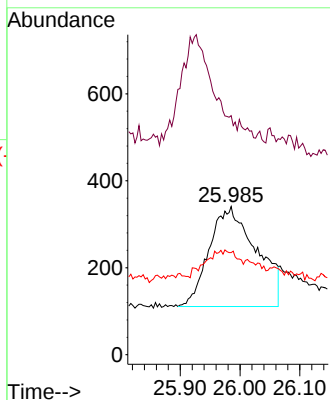
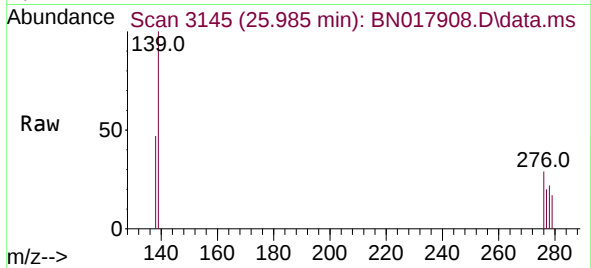




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.097 ng
 RT: 25.985 min Scan# 3145
 Delta R.T. 0.024 min
 Lab File: BN017908.D
 Acq: 11 Dec 2021 15:58

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20211206

Tgt Ion:276 Resp: 1255
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 6.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.104 ng
 RT: 25.999 min Scan# 3149
 Delta R.T. 0.011 min
 Lab File: BN017908.D
 Acq: 11 Dec 2021 15:58

Tgt Ion:278 Resp: 343
 Ion Ratio Lower Upper
 278 100
 139 412.7 12.0 18.0#
 279 72.1 20.8 31.2#

