

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017786.D
 Acq On : 08 Dec 2021 06:10
 Operator : CG/JU
 Sample : M4918-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-40

Quant Time: Dec 08 07:35:49 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)

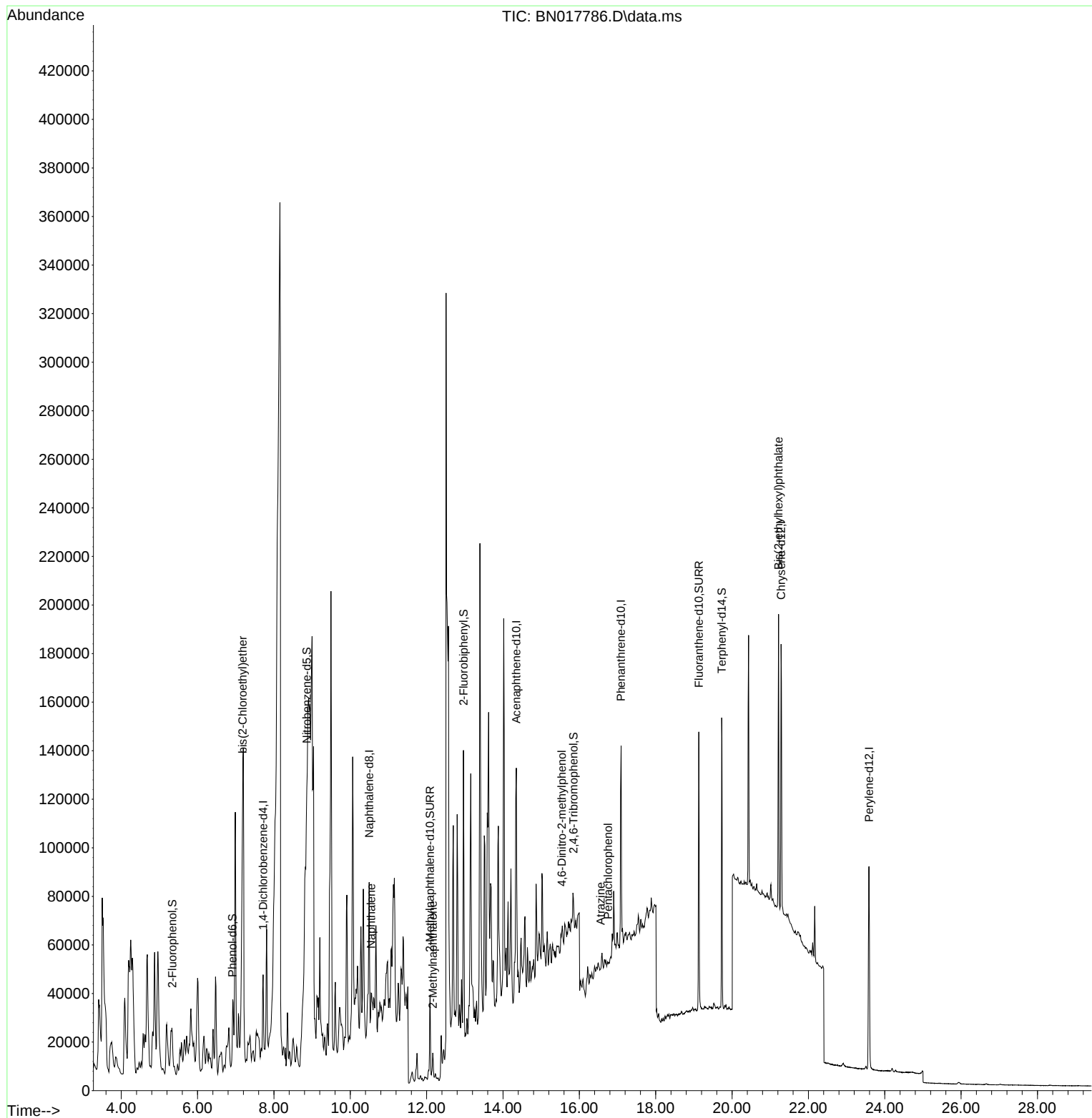
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19354	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	78995	0.400	ng	# 0.00
13) Acenaphthene-d10	14.348	164	82912	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	116641	0.400	ng	# 0.00
29) Chrysene-d12	21.283	240	116462	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	115056	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	9199	0.197	ng	0.00
5) Phenol-d6	6.913	99	4025	0.091	ng	0.00
8) Nitrobenzene-d5	8.859	82	59245	1.127	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	47518	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	16773	0.387	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	90947	0.300	ng	0.00
27) Fluoranthene-d10	19.130	212	134045	0.344	ng	0.00
31) Terphenyl-d14	19.730	244	124266	0.497	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.180	93	1860	0.037	ng	# 58
9) Naphthalene	10.545	128	10802	0.052	ng	# 51
12) 2-Methylnaphthalene	12.161	142	6927	0.046	ng	# 58
20) 4,6-Dinitro-2-methylph...	15.540	198	4726	1.653	ng	# 80
23) Atrazine	16.557	200	1190	0.023	ng	# 1
24) Pentachlorophenol	16.752	266	368	0.291	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.219	149	110976	0.683	ng	100

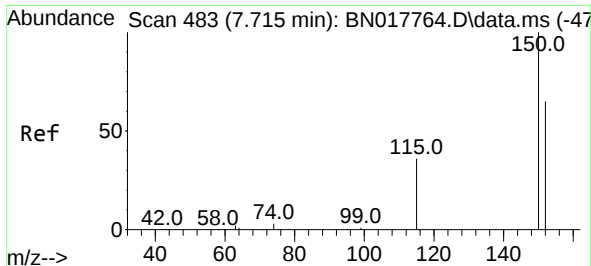
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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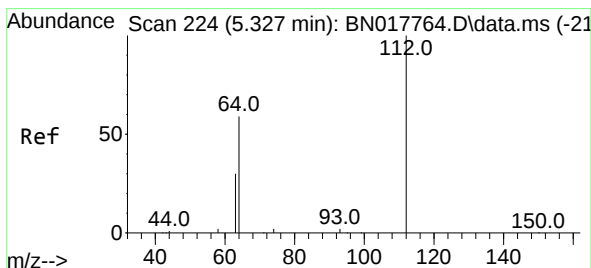
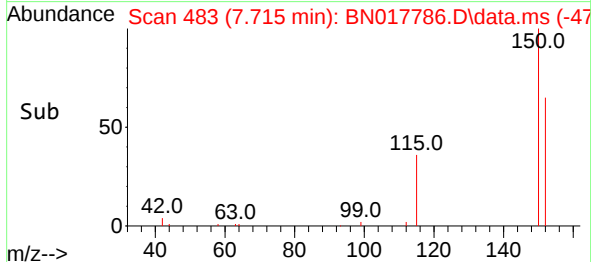
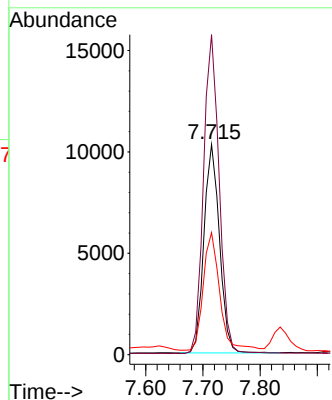
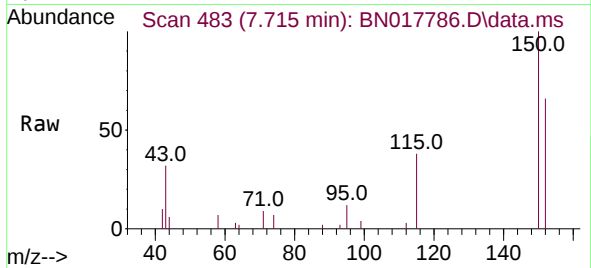




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

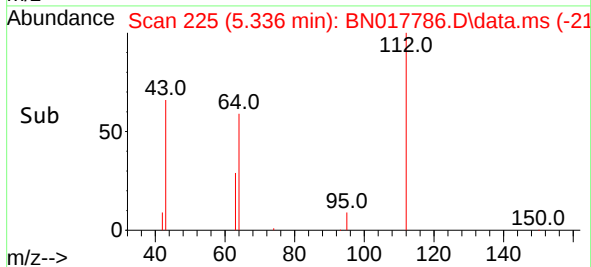
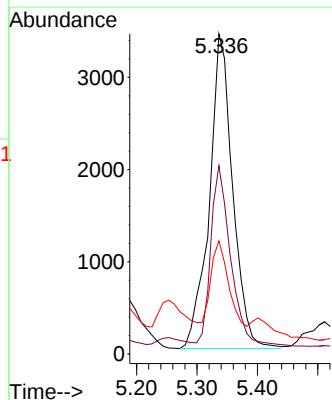
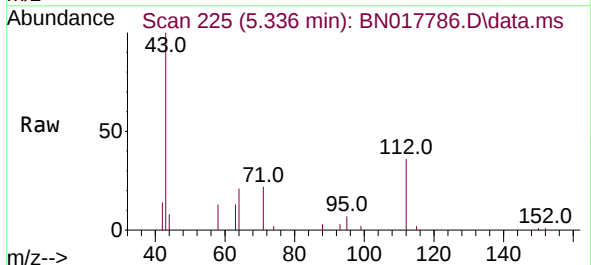
Instrument :
BNA_N
ClientSampleId :
MW-40

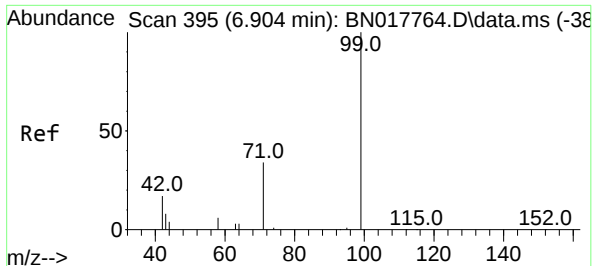
Tgt Ion:152 Resp: 19354
Ion Ratio Lower Upper
152 100
150 152.2 123.0 184.4
115 58.1 45.3 67.9



#4
2-Fluorophenol
Concen: 0.197 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

Tgt Ion:112 Resp: 9199
Ion Ratio Lower Upper
112 100
64 46.8 49.3 73.9#
63 20.4 25.8 38.8#

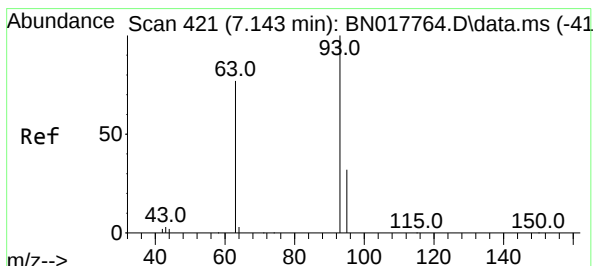
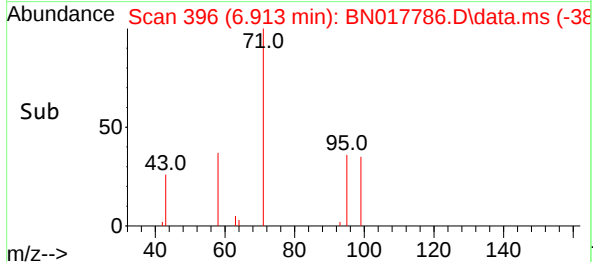
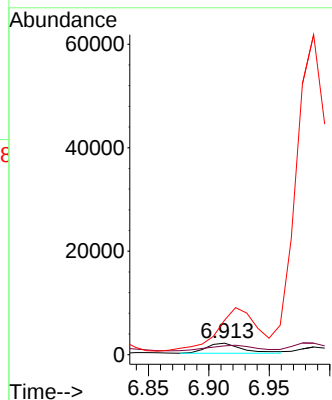
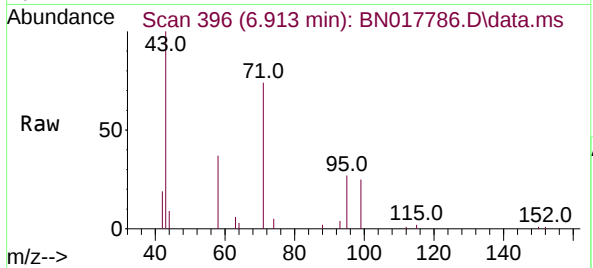




#5
Phenol-d6
Concen: 0.091 ng
RT: 6.913 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

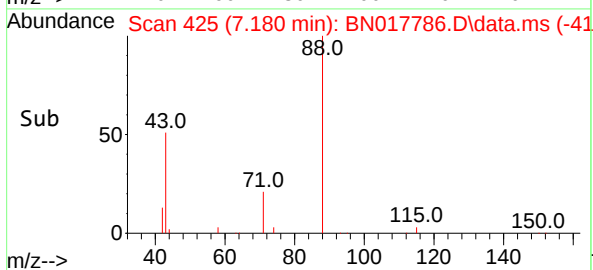
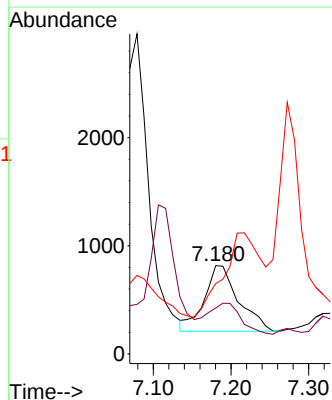
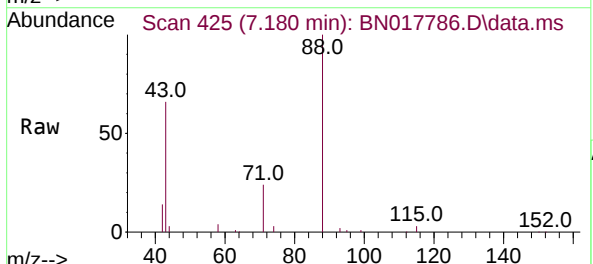
Instrument :
BNA_N
ClientSampleId :
MW-40

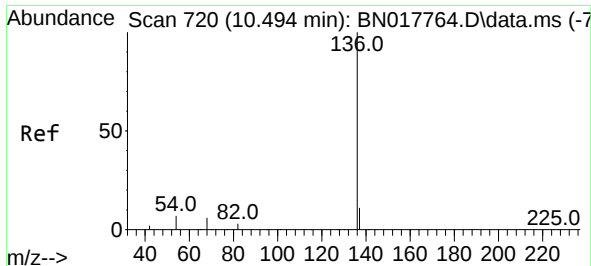
Tgt Ion: 99 Resp: 4025
Ion Ratio Lower Upper
99 100
42 68.4 16.6 25.0#
71 474.2 29.0 43.4#



#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 7.180 min Scan# 425
Delta R.T. 0.037 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

Tgt Ion: 93 Resp: 1860
Ion Ratio Lower Upper
93 100
63 46.7 62.0 93.0#
95 0.0 26.4 39.6#

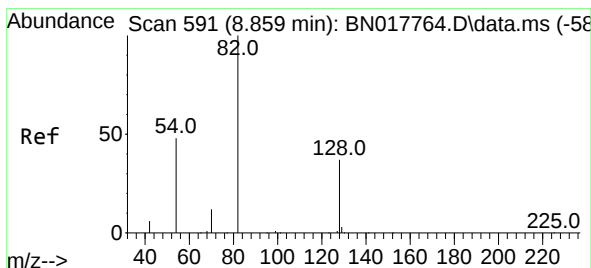
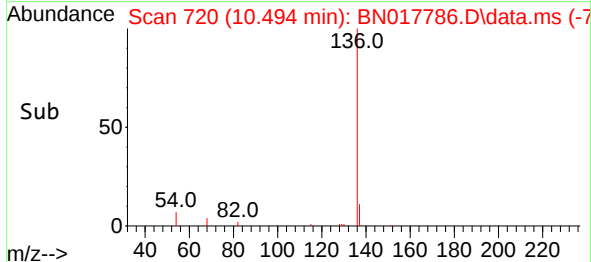
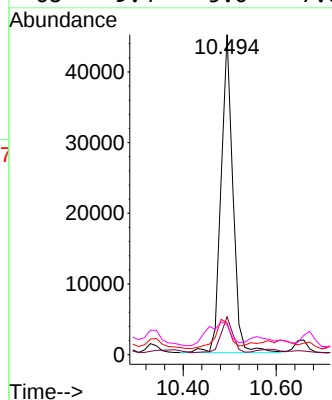
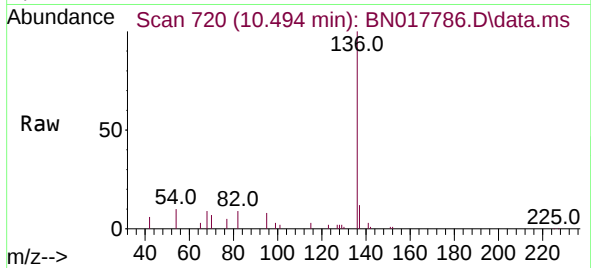




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

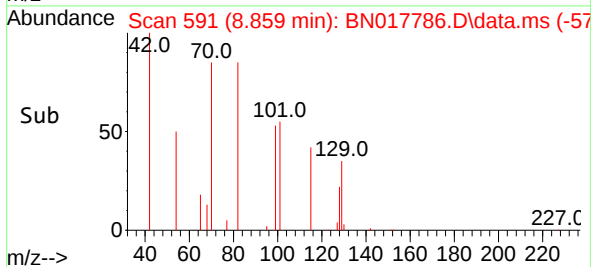
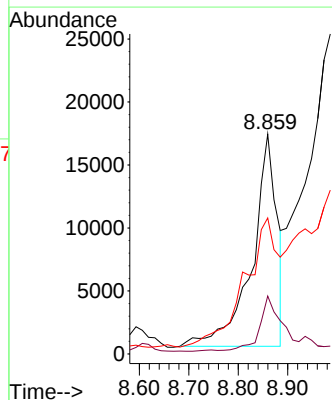
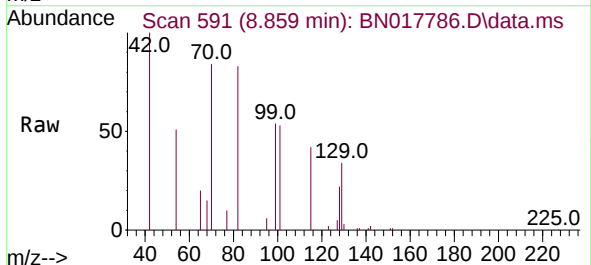
Instrument :
BNA_N
ClientSampleId :
MW-40

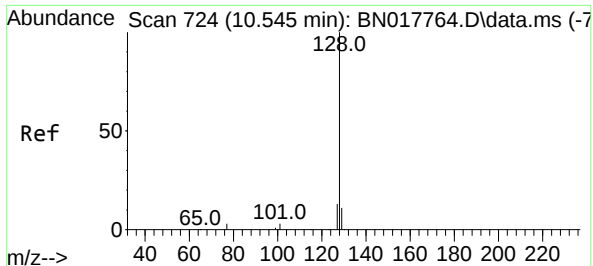
Tgt Ion:	136	Resp:	78995
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.8	13.2
54	10.0	5.9	8.9#
68	9.4	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 1.127 ng
RT: 8.859 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

Tgt Ion:	82	Resp:	59245
Ion Ratio	Lower	Upper	
82	100		
128	26.3	30.2	45.2#
54	61.8	39.0	58.6#

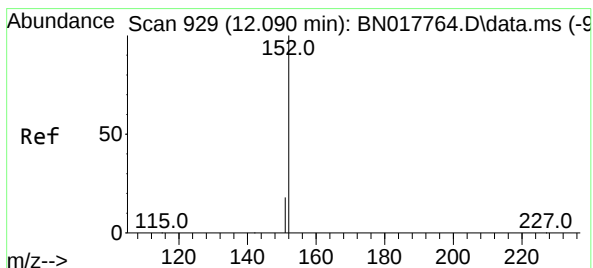
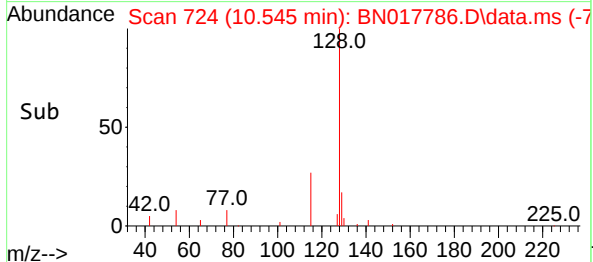
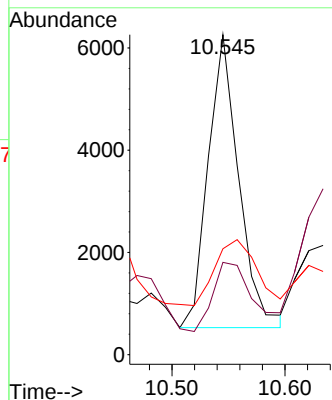
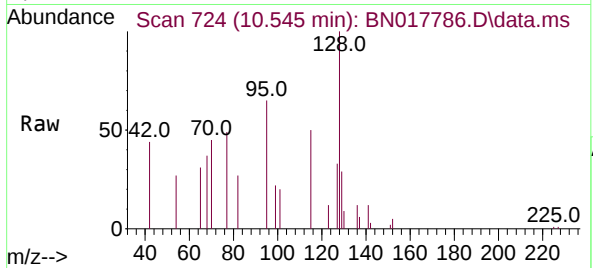




#9
Naphthalene
Concen: 0.052 ng
RT: 10.545 min Scan# 724
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

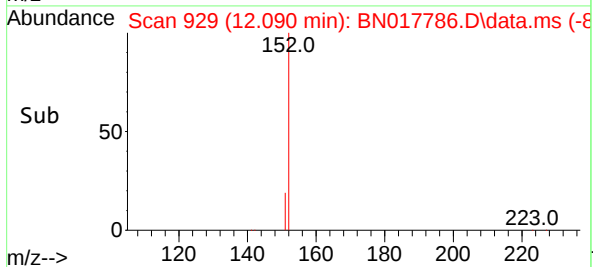
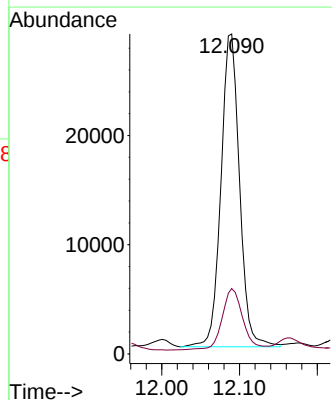
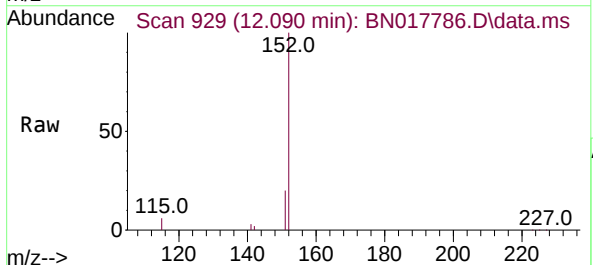
Instrument :
BNA_N
ClientSampleId :
MW-40

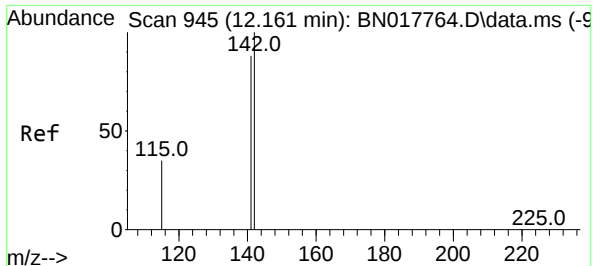
Tgt Ion:128 Resp: 10802
Ion Ratio Lower Upper
128 100
129 28.8 8.8 13.2#
127 33.1 10.6 15.8#



#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.090 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

Tgt Ion:152 Resp: 47518
Ion Ratio Lower Upper
152 100
151 22.1 16.4 24.6





#12

2-Methylnaphthalene

Concen: 0.046 ng

RT: 12.161 min Scan# 945

Delta R.T. 0.000 min

Lab File: BN017786.D

Acq: 08 Dec 2021 06:10

Instrument :

BNA_N

ClientSampleId :

MW-40

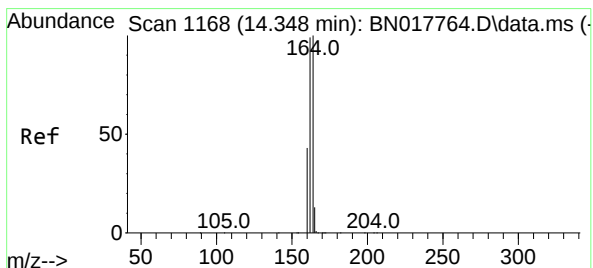
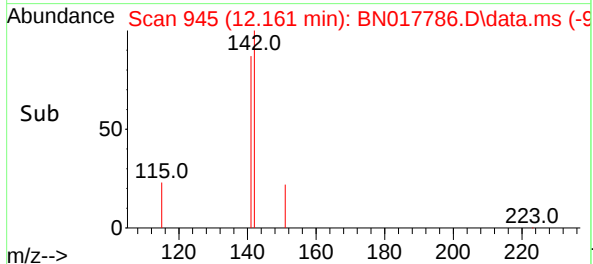
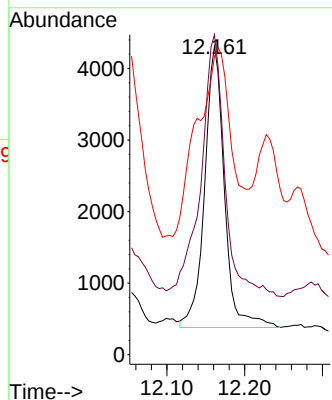
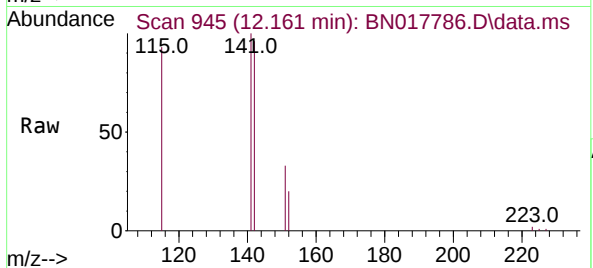
Tgt Ion:142 Resp: 6927

Ion Ratio Lower Upper

142 100

141 103.7 70.5 105.7

115 96.6 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: BN017786.D

Acq: 08 Dec 2021 06:10

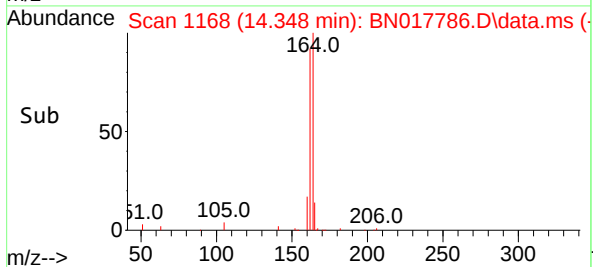
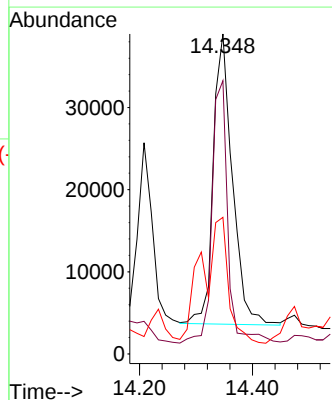
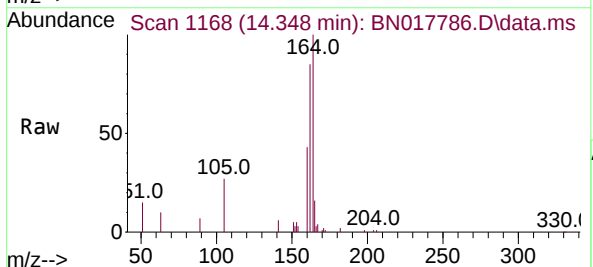
Tgt Ion:164 Resp: 82912

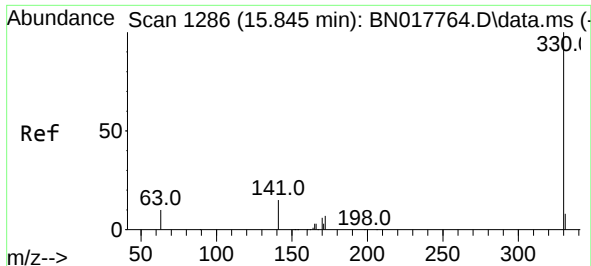
Ion Ratio Lower Upper

164 100

162 85.4 79.0 118.6

160 42.7 34.6 52.0

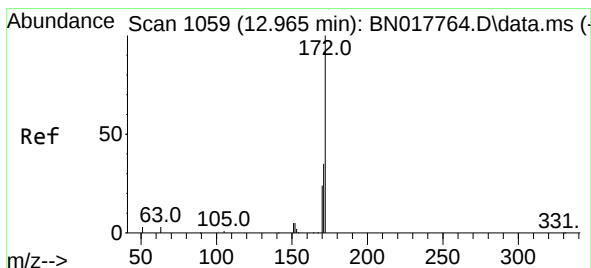
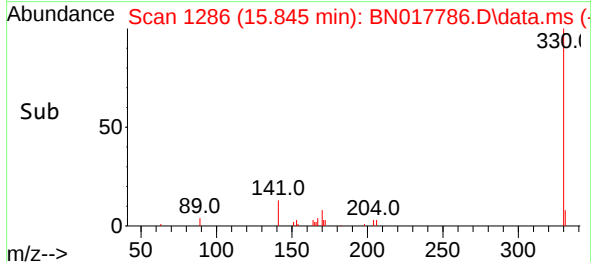
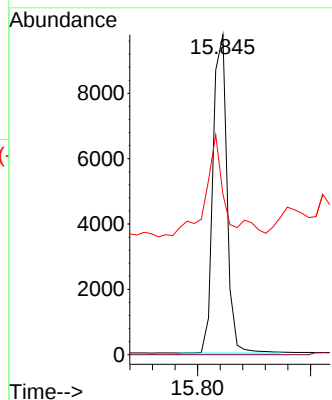
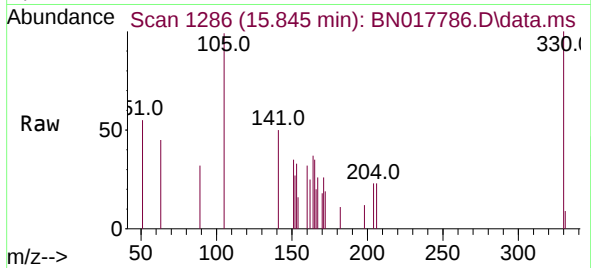




#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.845 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

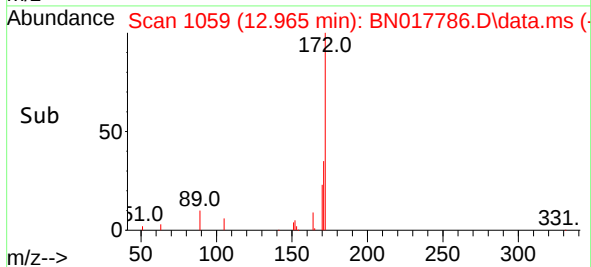
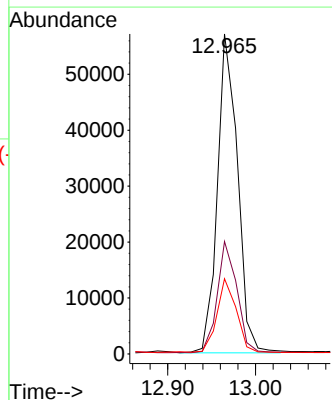
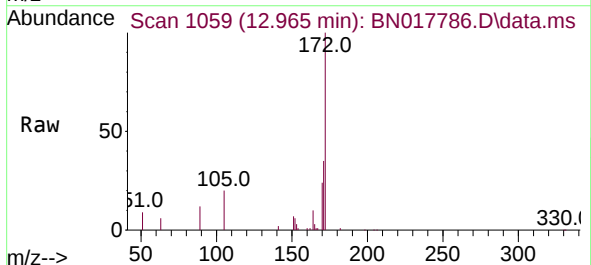
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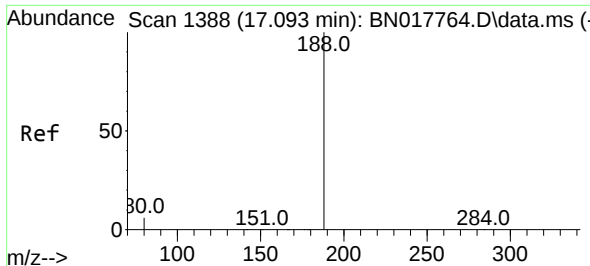
Tgt Ion: 330 Resp: 16773
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.3 21.5 32.3



#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.965 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

Tgt Ion: 172 Resp: 90947
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.5 18.9 28.3

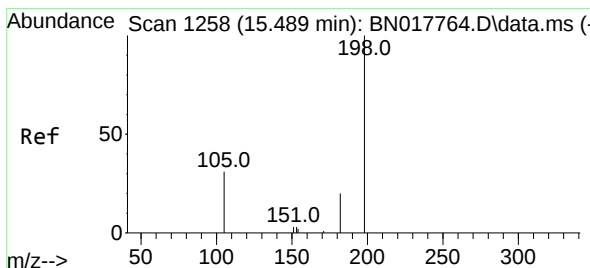
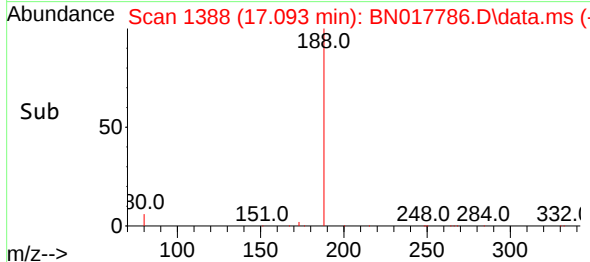
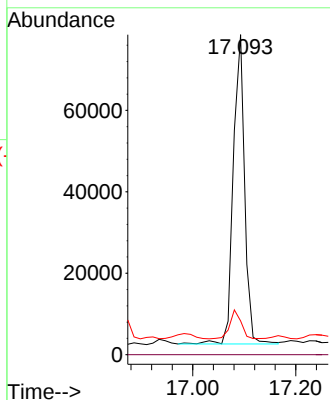
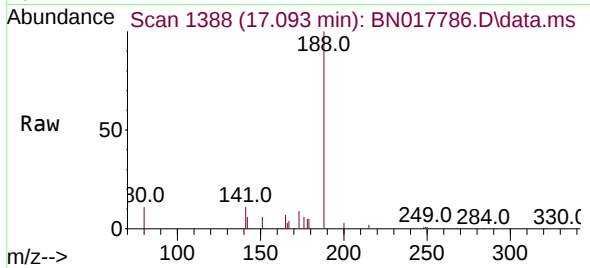




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

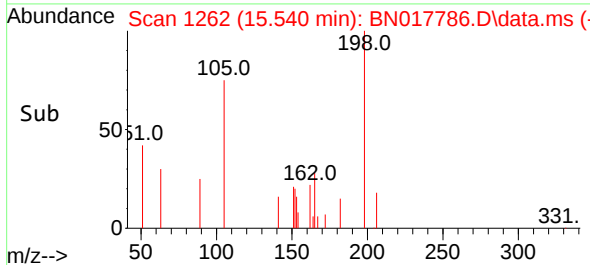
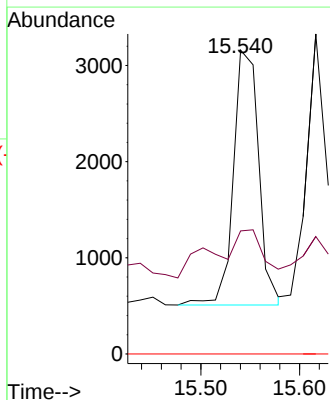
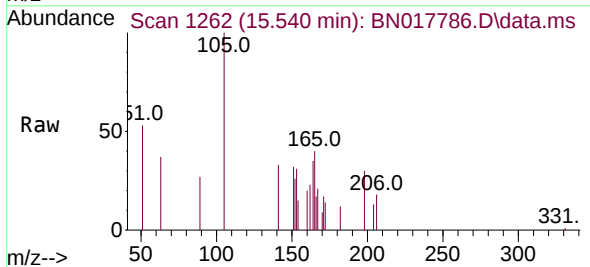
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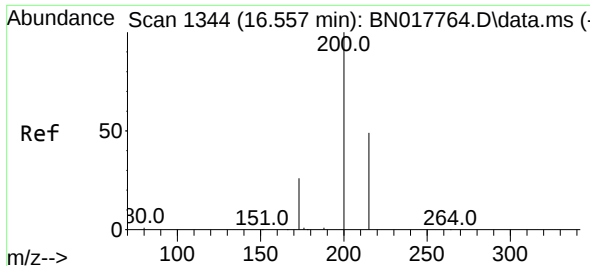
Tgt Ion:188 Resp: 116641
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 5.1 7.7#



#20
4,6-Dinitro-2-methylphenol
Concen: 1.653 ng
RT: 15.540 min Scan# 1262
Delta R.T. 0.051 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

Tgt Ion:198 Resp: 4726
Ion Ratio Lower Upper
198 100
182 40.5 44.2 66.2#
77 0.0 0.0 0.0

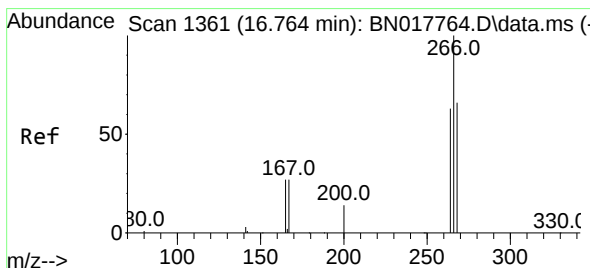
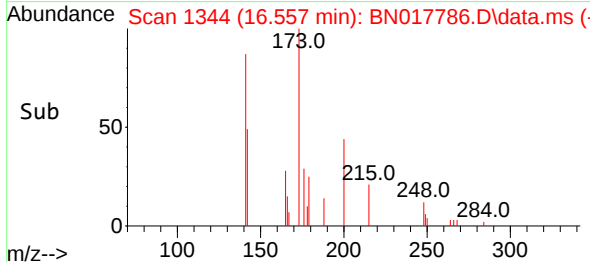
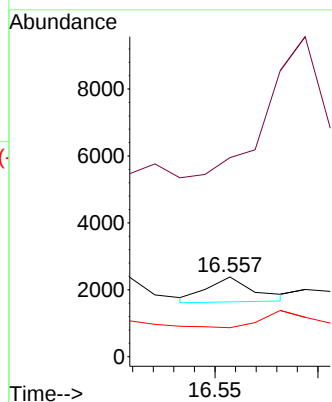
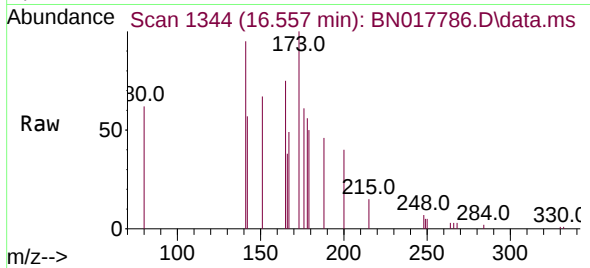




#23
 Atrazine
 Concen: 0.023 ng
 RT: 16.557 min Scan# 1190
 Delta R.T. 0.000 min
 Lab File: BN017786.D
 Acq: 08 Dec 2021 06:10

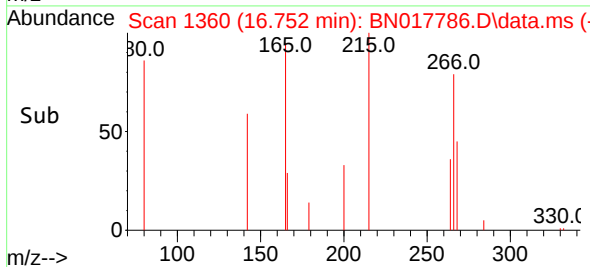
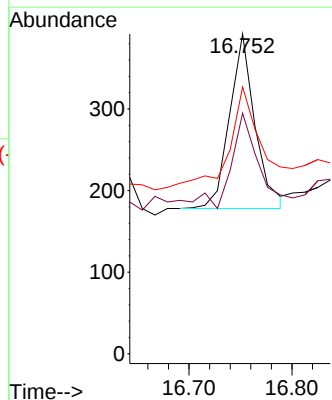
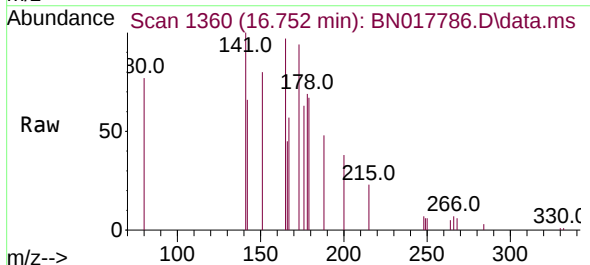
Instrument :
 BNA_N
 ClientSampleId :
 MW-40

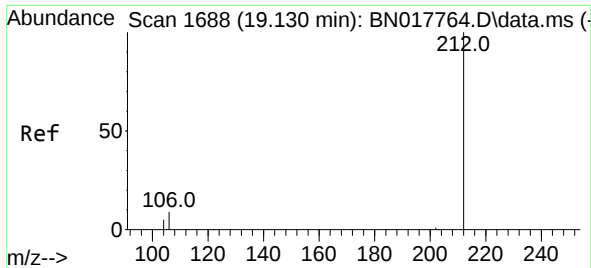
Tgt Ion:200 Resp: 1190
 Ion Ratio Lower Upper
 200 100
 173 250.0 21.4 32.2#
 215 36.4 39.3 58.9#



#24
 Pentachlorophenol
 Concen: 0.291 ng
 RT: 16.752 min Scan# 1360
 Delta R.T. -0.012 min
 Lab File: BN017786.D
 Acq: 08 Dec 2021 06:10

Tgt Ion:266 Resp: 368
 Ion Ratio Lower Upper
 266 100
 264 48.1 50.8 76.2#
 268 61.7 51.8 77.6

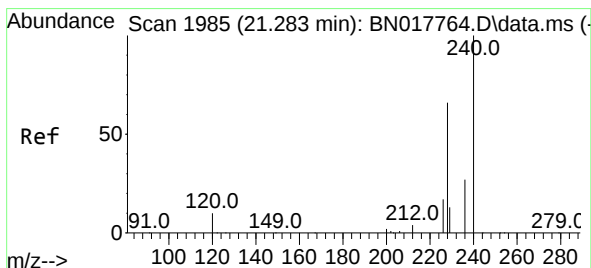
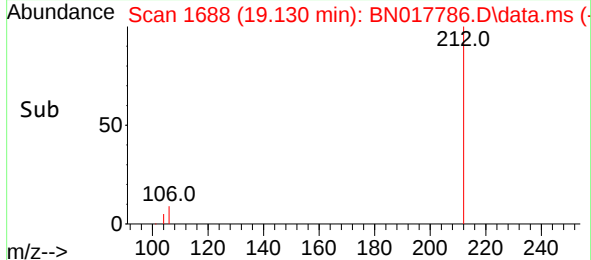
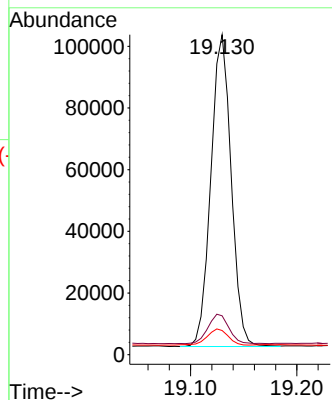
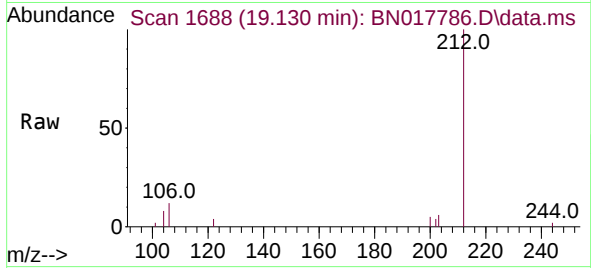




#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.130 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

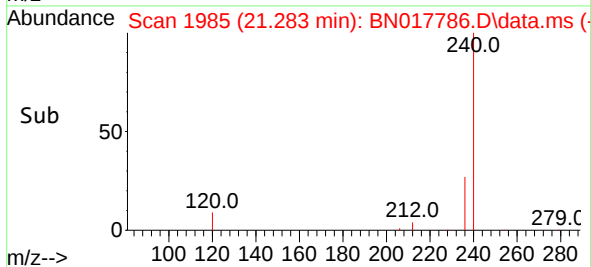
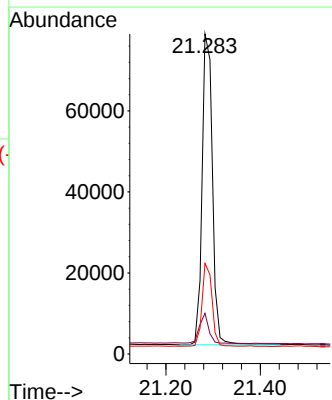
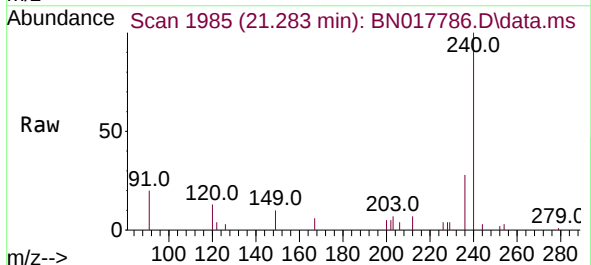
Instrument :
BNA_N
ClientSampleId :
MW-40

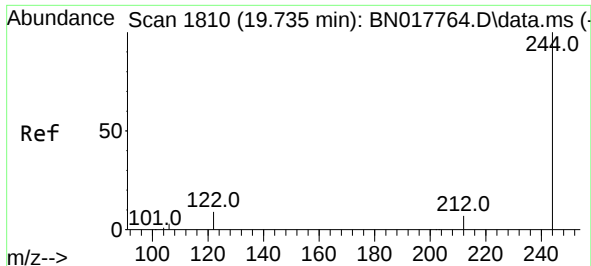
Tgt Ion:212 Resp: 134045
Ion Ratio Lower Upper
212 100
106 9.6 8.2 12.2
104 5.4 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.283 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN017786.D
Acq: 08 Dec 2021 06:10

Tgt Ion:240 Resp: 116462
Ion Ratio Lower Upper
240 100
120 12.7 7.9 11.9#
236 28.3 21.4 32.2

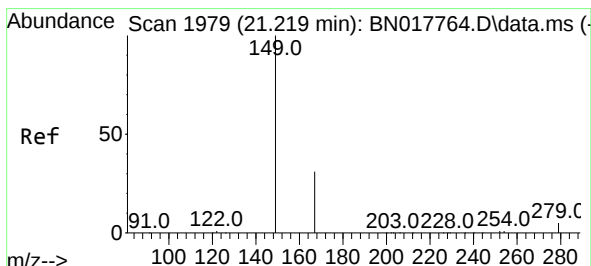
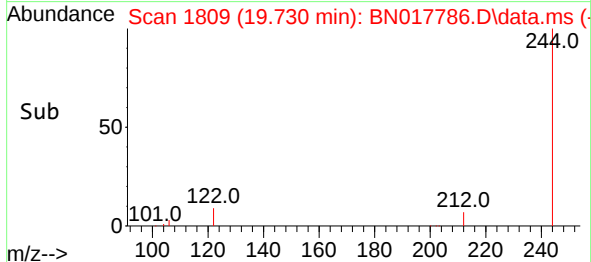
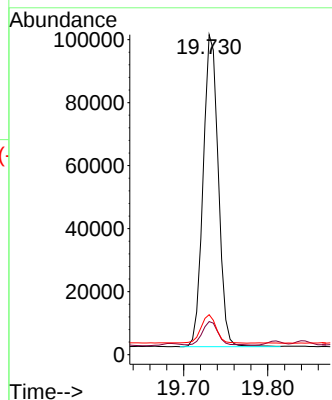
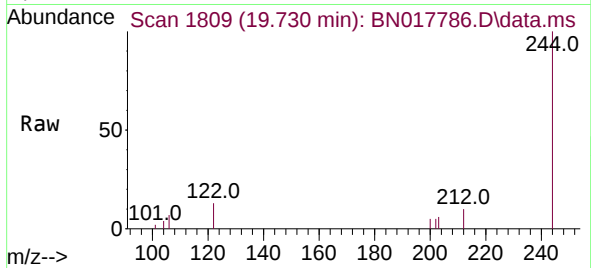




#31
 Terphenyl-d14
 Concen: 0.497 ng
 RT: 19.730 min Scan# 1810
 Delta R.T. -0.005 min
 Lab File: BN017786.D
 Acq: 08 Dec 2021 06:10

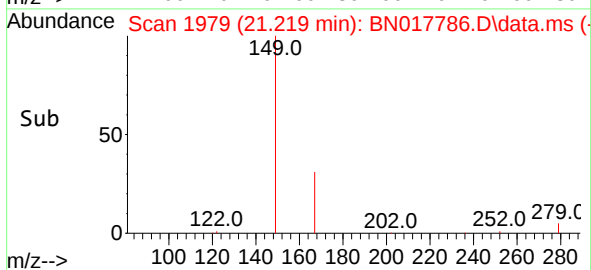
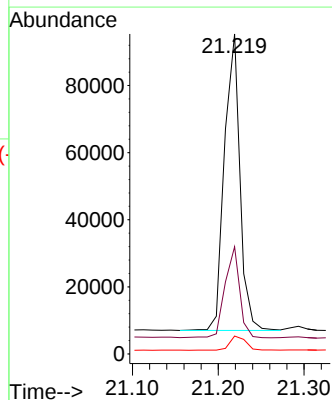
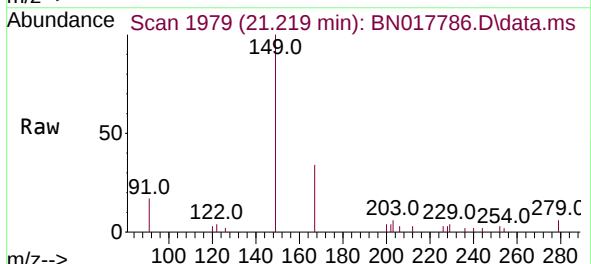
Instrument :
 BNA_N
 ClientSampleId :
 MW-40

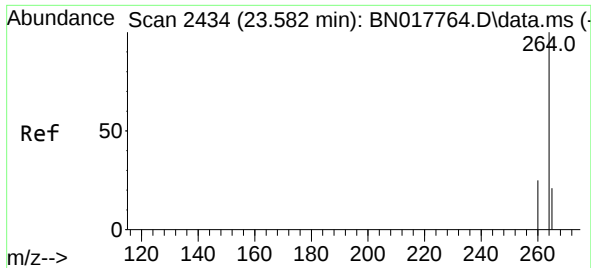
Tgt Ion:244 Resp: 124266
 Ion Ratio Lower Upper
 244 100
 212 10.4 5.8 8.8#
 122 12.5 7.1 10.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.683 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: BN017786.D
 Acq: 08 Dec 2021 06:10

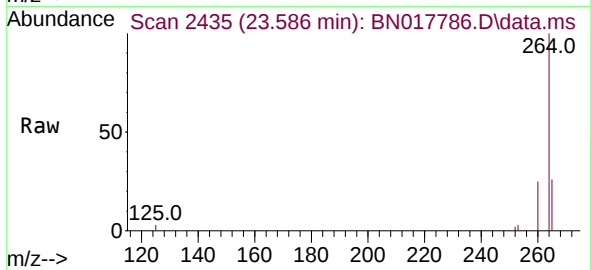
Tgt Ion:149 Resp: 110976
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.5 35.3
 279 4.9 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BN017786.D
 Acq: 08 Dec 2021 06:10

Instrument :
 BNA_N
 ClientSampleId :
 MW-40



Tgt Ion:264 Resp: 115056
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.0 30.0
 265 26.1 20.5 30.7

