

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017891.D
 Acq On : 11 Dec 2021 03:54
 Operator : CG/JU
 Sample : M4956-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB02-20211206

Quant Time: Dec 13 02:44:48 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)

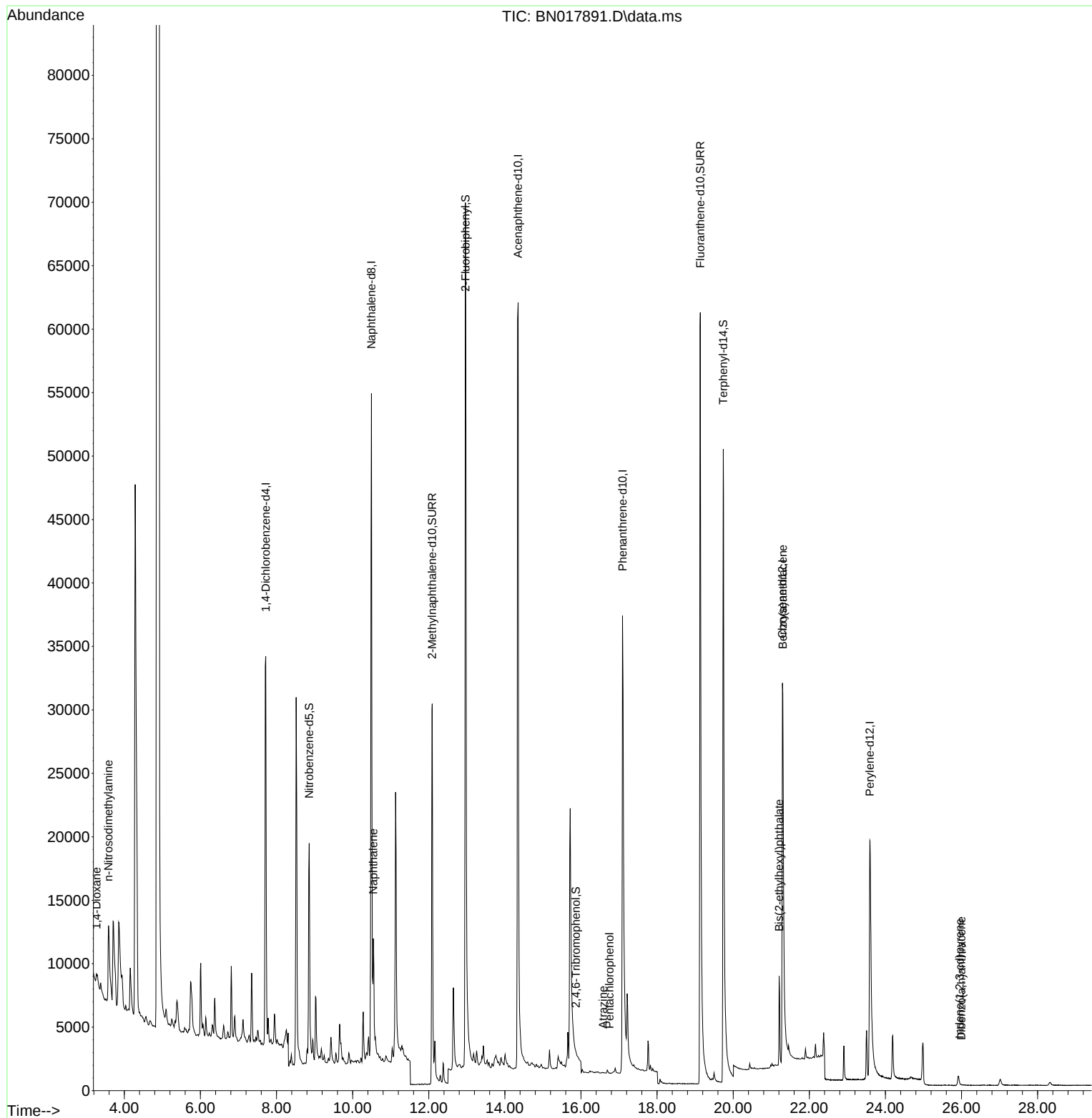
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19162	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	83020	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	48856	0.400	ng	0.01
19) Phenanthrene-d10	17.092	188	94271	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	63513	0.400	ng	# 0.00
35) Perylene-d12	23.592	264	43865	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	548	0.014	ng	0.00
5) Phenol-d6	6.912	99	358	0.009	ng	0.02
8) Nitrobenzene-d5	8.859	82	18930	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	49811	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	100	0.336	ng	0.03
15) 2-Fluorobiphenyl	12.964	172	77270	0.449	ng	0.00
27) Fluoranthene-d10	19.134	212	121982	0.399	ng	0.00
31) Terphenyl-d14	19.740	244	98567	0.629	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	414	0.071	ng	# 70
3) n-Nitrosodimethylamine	3.584	42	985	0.056	ng	# 1
9) Naphthalene	10.545	128	4303	0.021	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.438	198	5	Below Cal		# 25
23) Atrazine	16.581	200	16	0.092	ng	# 1
24) Pentachlorophenol	16.752	266	8	0.087	ng	# 33
32) Benzo(a)anthracene	21.304	228	305	0.051	ng	# 21
34) Bis(2-ethylhexyl)phtha...	21.208	149	7696	0.113	ng	100
36) Indeno(1,2,3-cd)pyrene	25.951	276	2	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.995	278	2	0.101	ng	# 1

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

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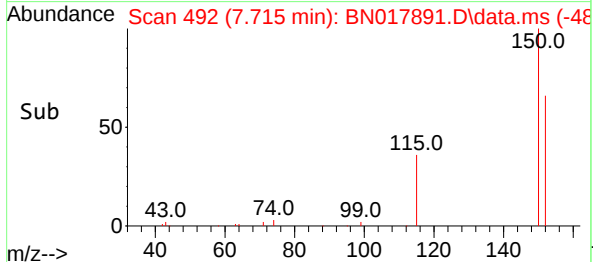
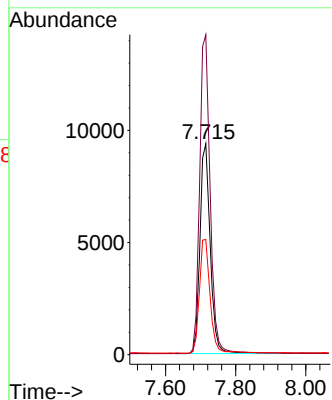
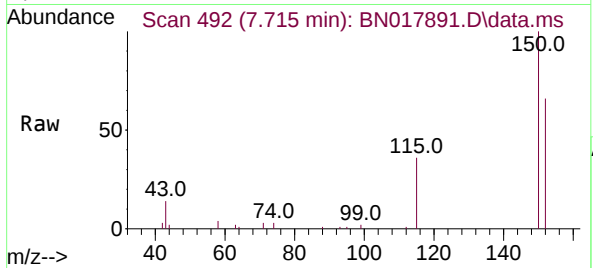




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017891.D
 Acq: 11 Dec 2021 03:54

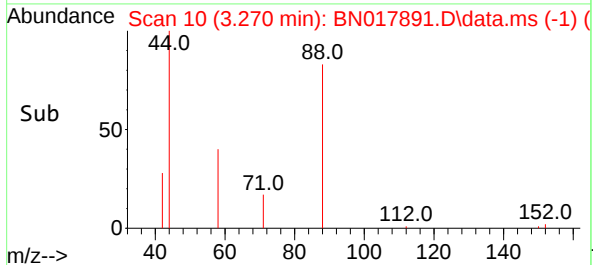
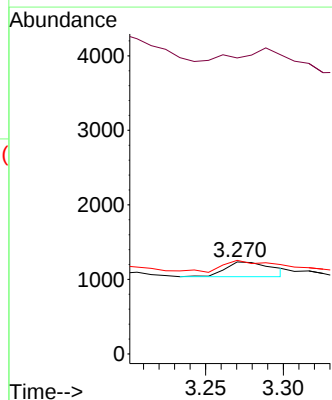
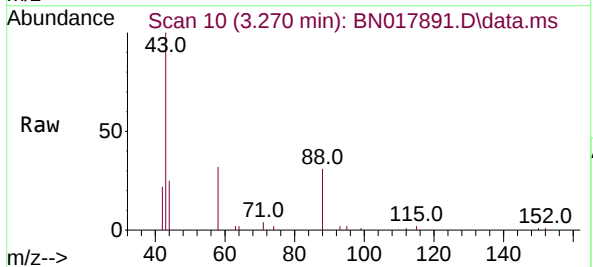
Instrument :
 BNA_N
 ClientSampleId :
 EB02-20211206

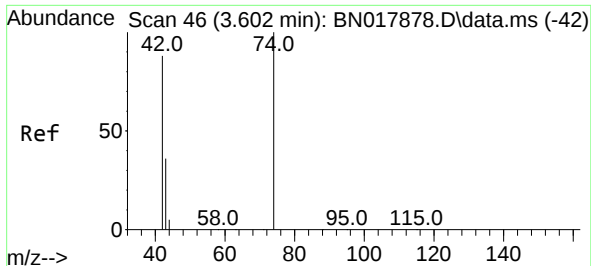
Tgt Ion:152 Resp: 19162
 Ion Ratio Lower Upper
 152 100
 150 151.7 121.9 182.9
 115 54.6 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.071 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017891.D
 Acq: 11 Dec 2021 03:54

Tgt Ion: 88 Resp: 414
 Ion Ratio Lower Upper
 88 100
 43 69.6 28.0 42.0#
 58 66.7 65.4 98.0

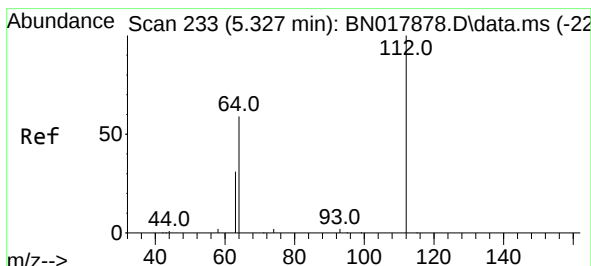
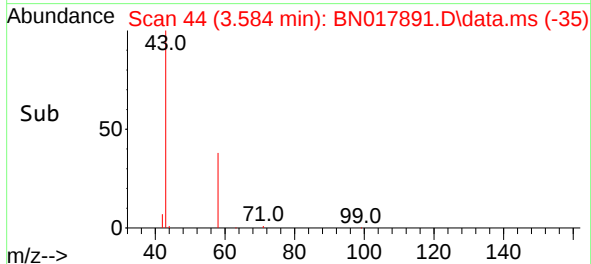
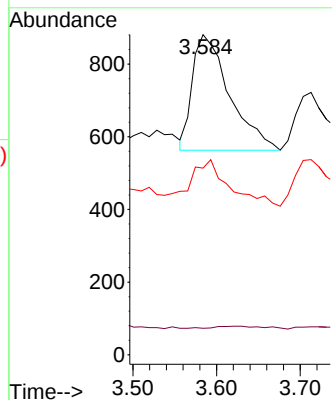
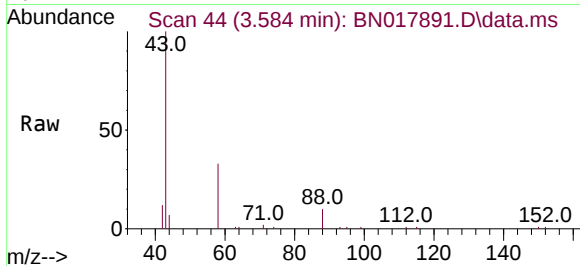




#3
n-Nitrosodimethylamine
Concen: 0.056 ng
RT: 3.584 min Scan# 44
Delta R.T. -0.019 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

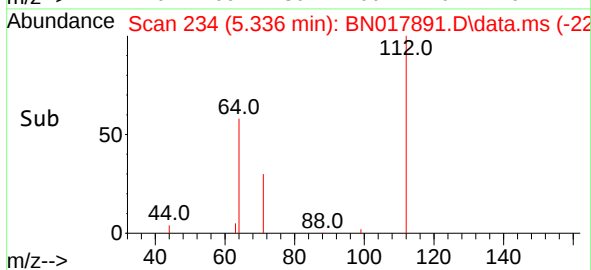
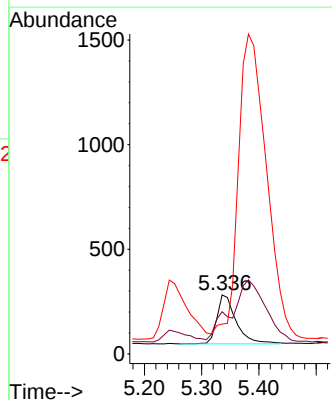
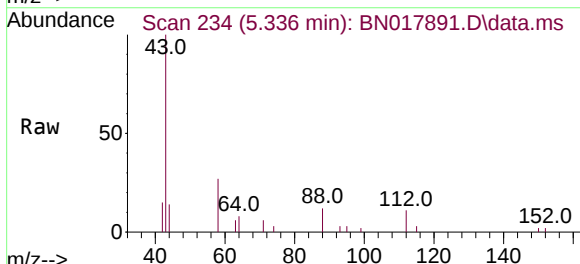
Instrument :
BNA_N
ClientSampleId :
EB02-20211206

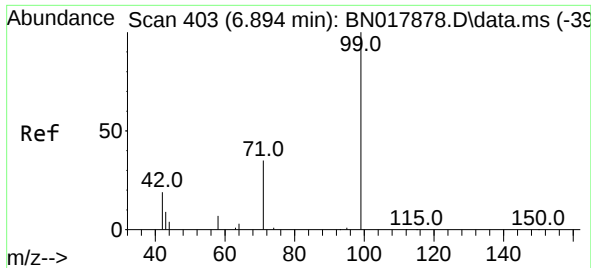
Tgt Ion: 42 Resp: 985
Ion Ratio Lower Upper
42 100
74 0.0 100.6 150.8#
44 42.7 5.2 7.8#



#4
2-Fluorophenol
Concen: 0.014 ng
RT: 5.336 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

Tgt Ion: 112 Resp: 548
Ion Ratio Lower Upper
112 100
64 0.0 49.0 73.4#
63 0.0 26.2 39.2#

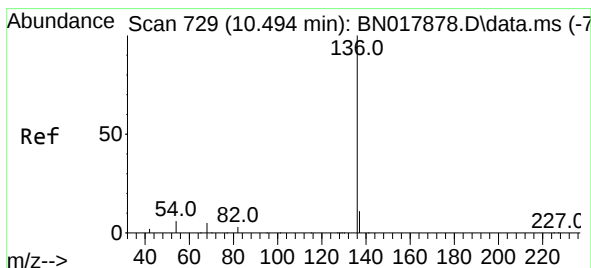
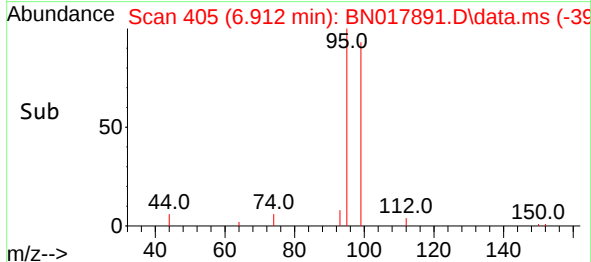
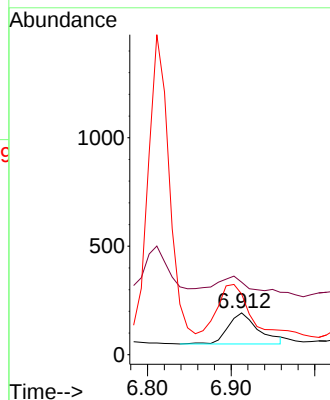
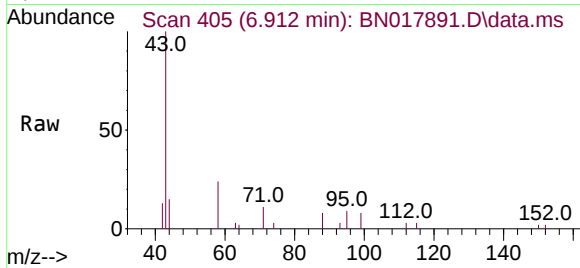




#5
Phenol-d6
Concen: 0.009 ng
RT: 6.912 min Scan# 403
Delta R.T. 0.018 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

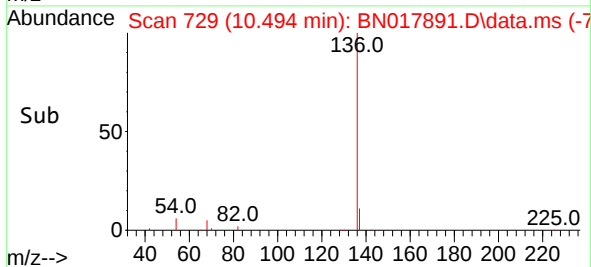
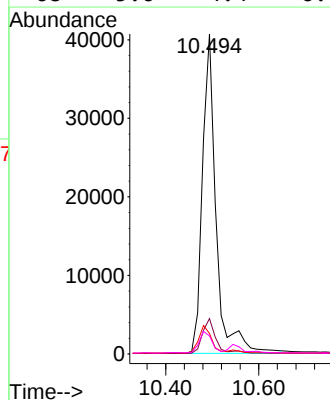
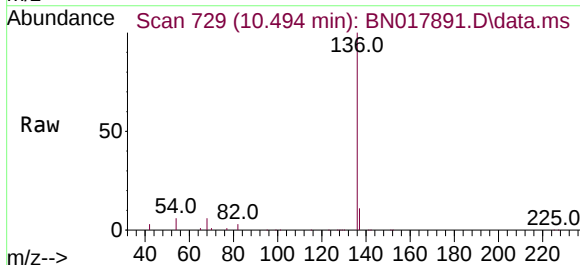
Instrument :
BNA_N
ClientSampleId :
EB02-20211206

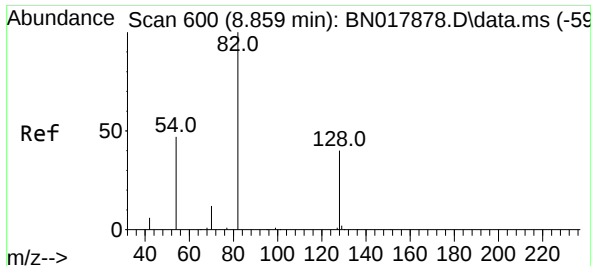
Tgt Ion: 99 Resp: 358
Ion Ratio Lower Upper
99 100
42 49.2 17.0 25.4#
71 155.0 28.0 42.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

Tgt Ion: 136 Resp: 83020
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.4 5.1 7.7
68 5.6 4.4 6.6

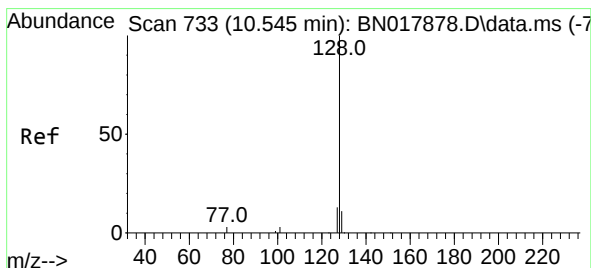
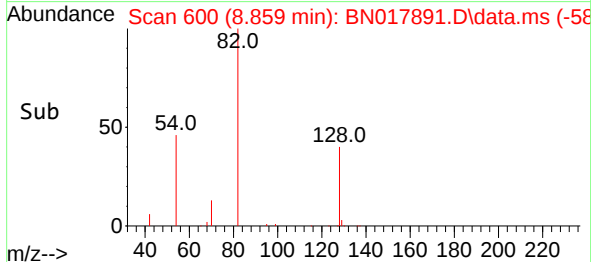
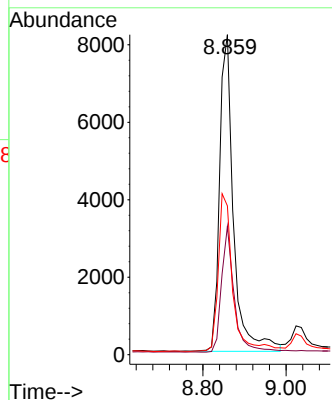
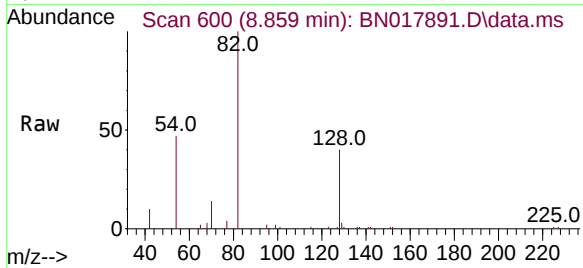




#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

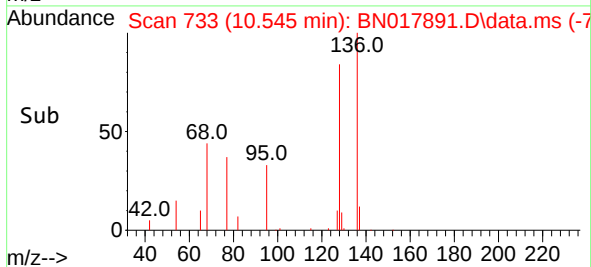
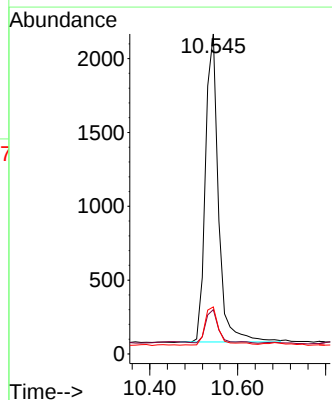
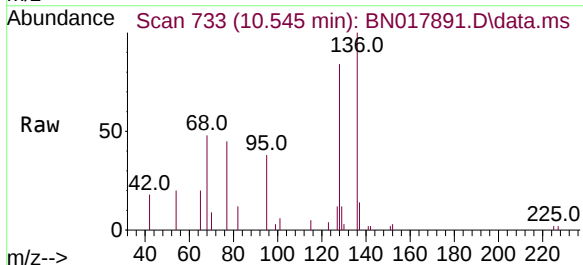
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BNA_N
ClientSampleId :
EB02-20211206

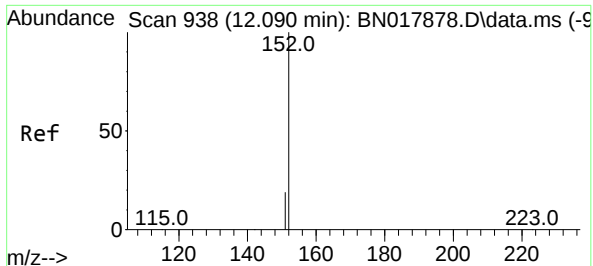
Tgt Ion: 82 Resp: 18930
Ion Ratio Lower Upper
82 100
128 40.1 32.2 48.4
54 46.5 37.6 56.4



#9
Naphthalene
Concen: 0.021 ng
RT: 10.545 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

Tgt Ion: 128 Resp: 4303
Ion Ratio Lower Upper
128 100
129 13.8 8.8 13.2#
127 14.7 10.5 15.7





#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 12.090 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017891.D

Acq: 11 Dec 2021 03:54

Instrument :

BNA_N

ClientSampleId :

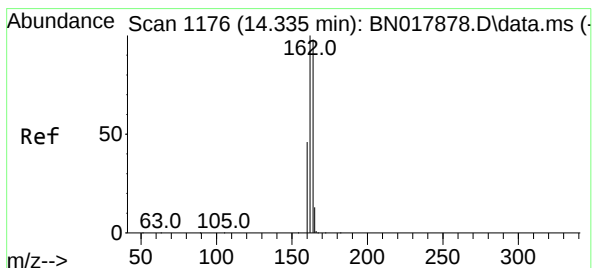
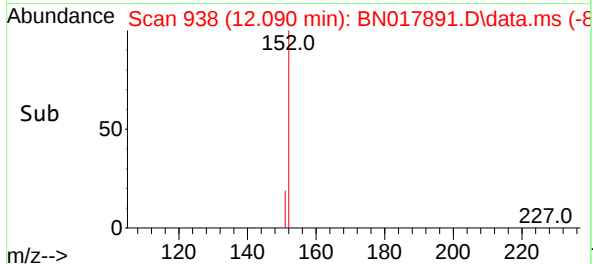
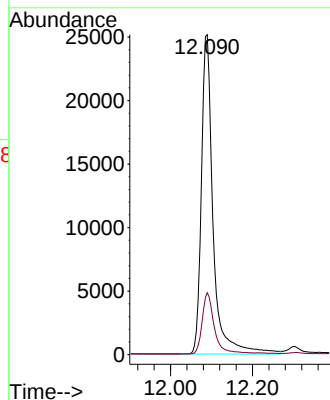
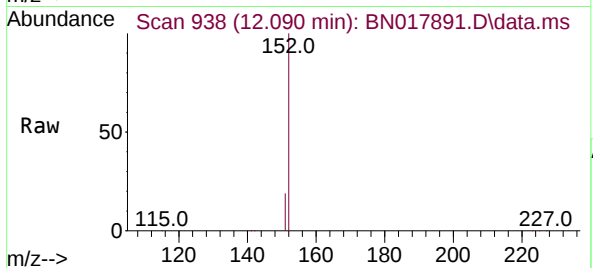
EB02-20211206

Tgt Ion:152 Resp: 49811

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.347 min Scan# 1177

Delta R.T. 0.013 min

Lab File: BN017891.D

Acq: 11 Dec 2021 03:54

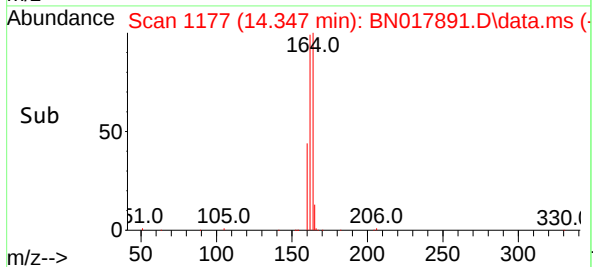
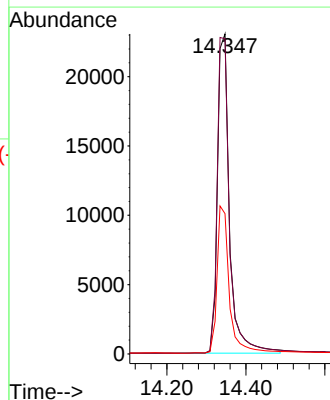
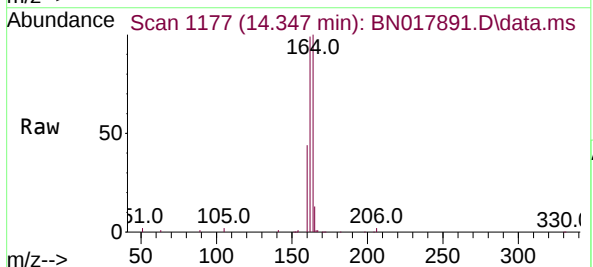
Tgt Ion:164 Resp: 48856

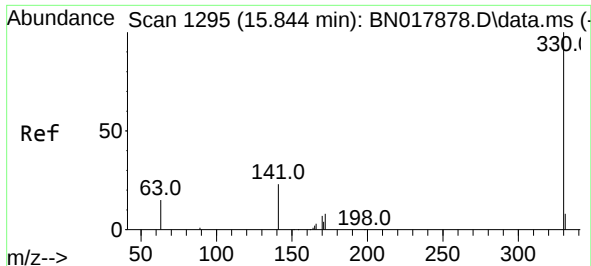
Ion Ratio Lower Upper

164 100

162 98.5 82.1 123.1

160 43.9 38.2 57.2

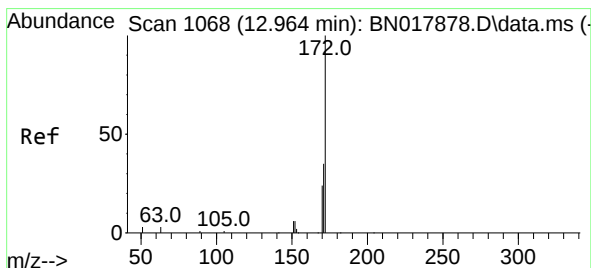
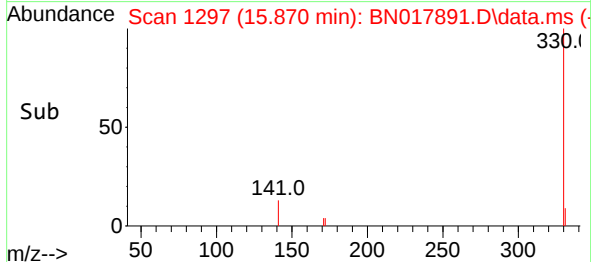
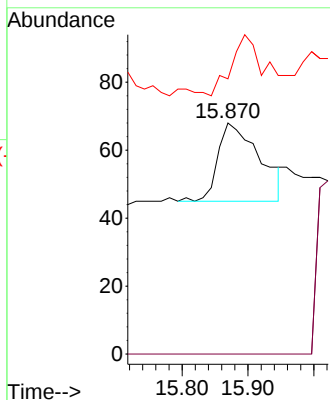
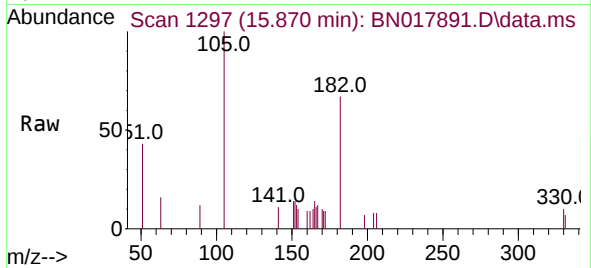




#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.870 min Scan# 1297
Delta R.T. 0.026 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

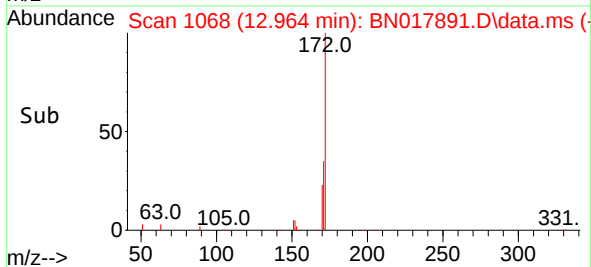
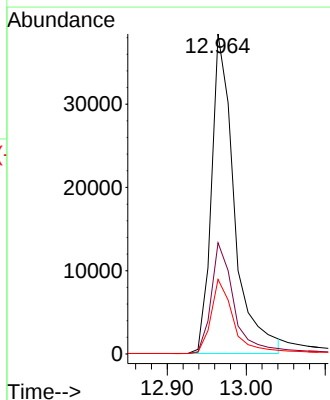
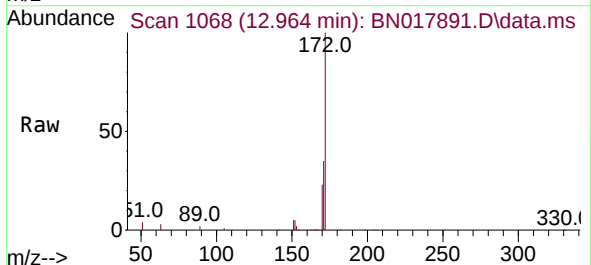
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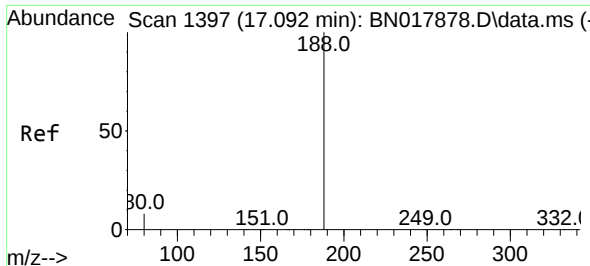
Tgt Ion:330 Resp: 100
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

Tgt Ion:172 Resp: 77270
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.3 19.1 28.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.092 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN017891.D

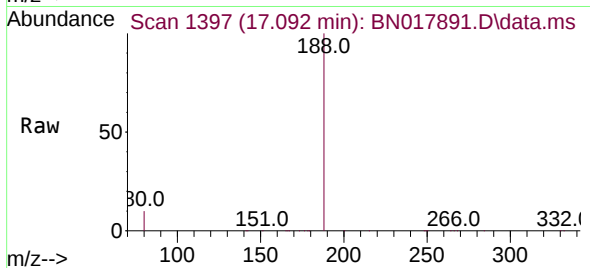
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Instrument :

BNA_N

ClientSampleId :

EB02-20211206



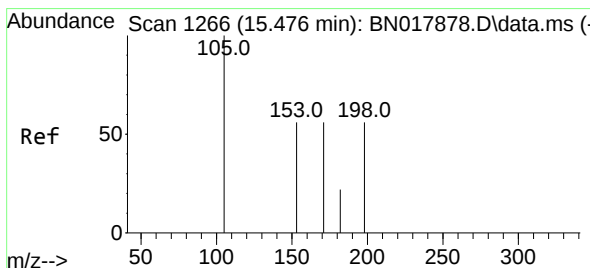
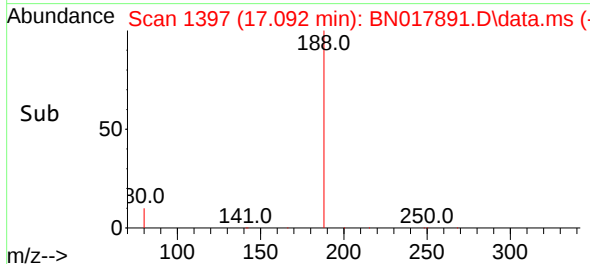
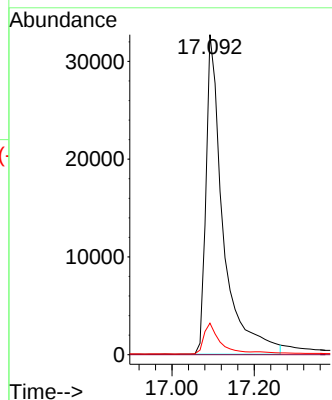
Tgt Ion:188 Resp: 94271

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 6.2 9.2#



#20

4,6-Dinitro-2-methylphenol

Concen: Below Cal

RT: 15.438 min Scan# 1263

Delta R.T. -0.038 min

Lab File: BN017891.D

Acq: 11 Dec 2021 03:54

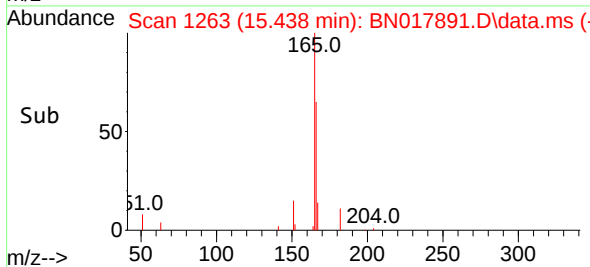
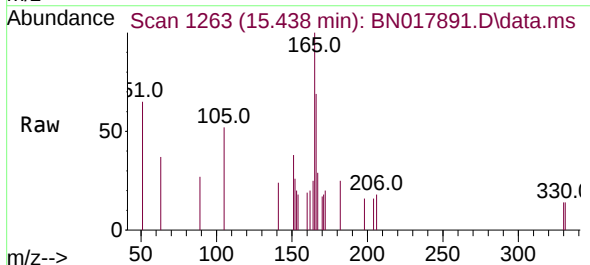
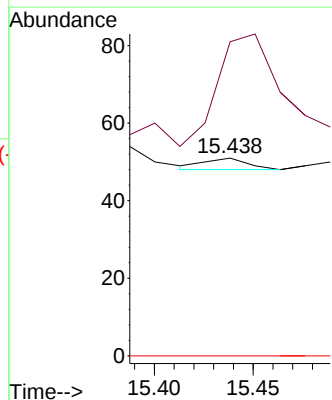
Tgt Ion:198 Resp: 5

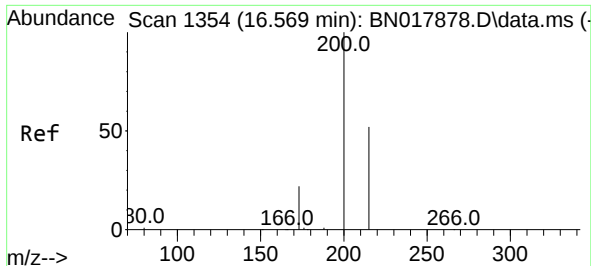
Ion Ratio Lower Upper

198 100

182 158.8 70.8 106.2#

77 0.0 0.0 0.0

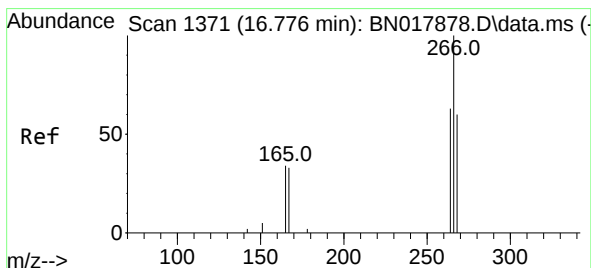
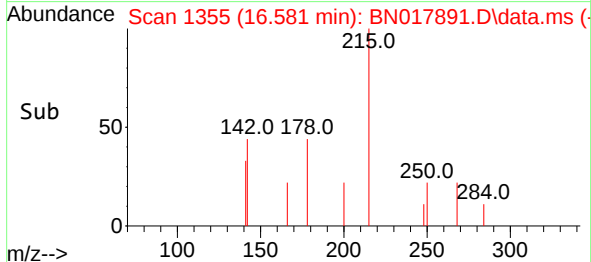
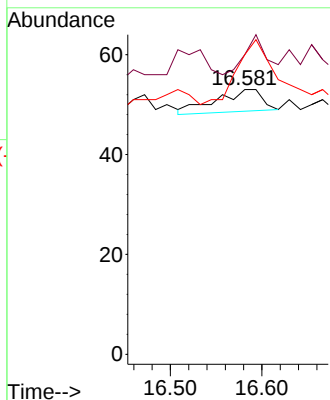
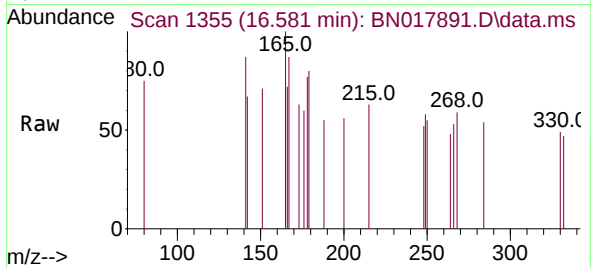




#23
Atrazine
Concen: 0.092 ng
RT: 16.581 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

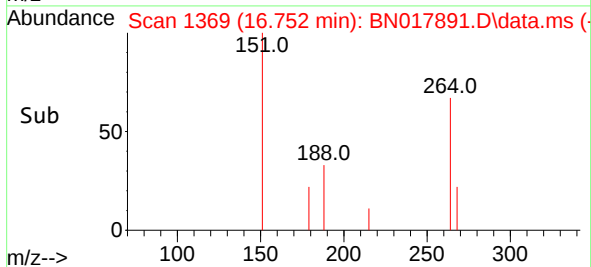
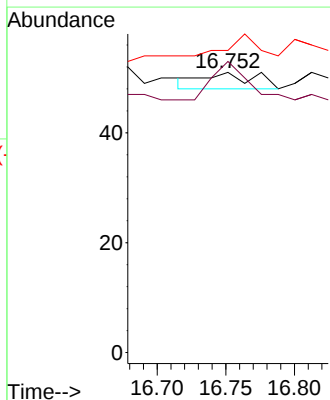
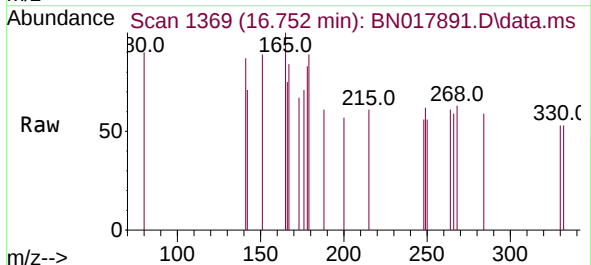
Instrument :
BNA_N
ClientSampleId :
EB02-20211206

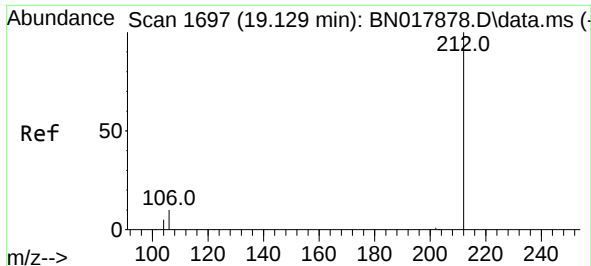
Tgt Ion:200 Resp: 16
Ion Ratio Lower Upper
200 100
173 113.2 18.2 27.2#
215 113.2 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.087 ng
RT: 16.752 min Scan# 1369
Delta R.T. -0.024 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 150.0 50.6 76.0#
268 87.5 53.7 80.5#

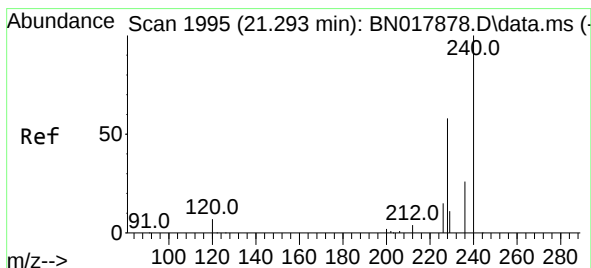
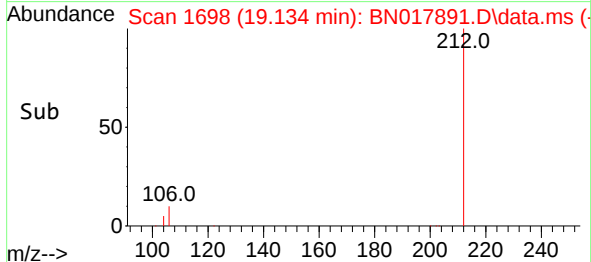
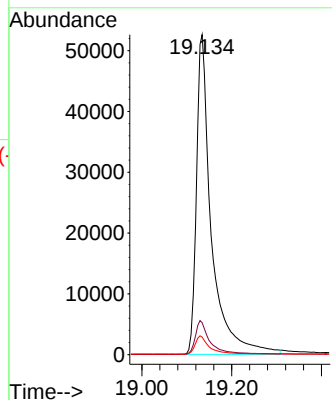
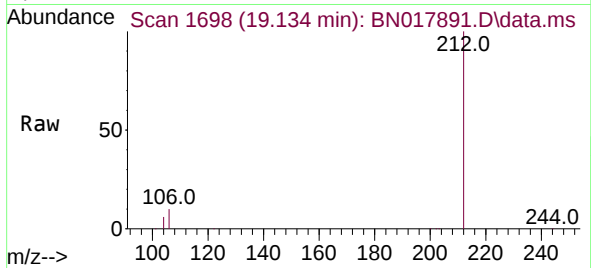




#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.134 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

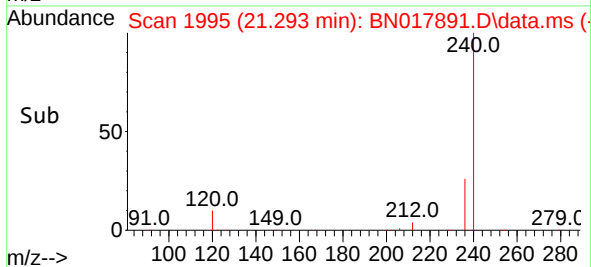
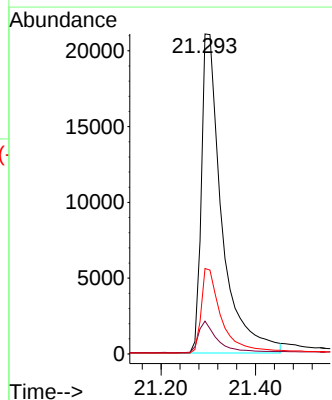
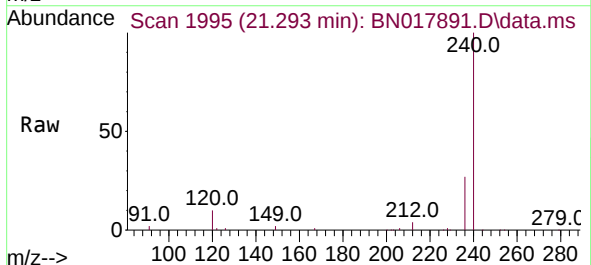
Instrument :
BNA_N
ClientSampleId :
EB02-20211206

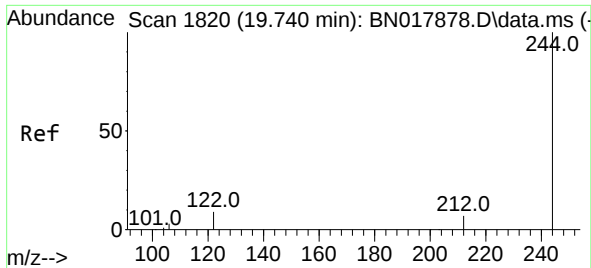
Tgt Ion:212 Resp: 121982
Ion Ratio Lower Upper
212 100
106 10.5 8.3 12.5
104 5.7 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017891.D
Acq: 11 Dec 2021 03:54

Tgt Ion:240 Resp: 63513
Ion Ratio Lower Upper
240 100
120 10.2 5.8 8.8#
236 26.7 21.0 31.6

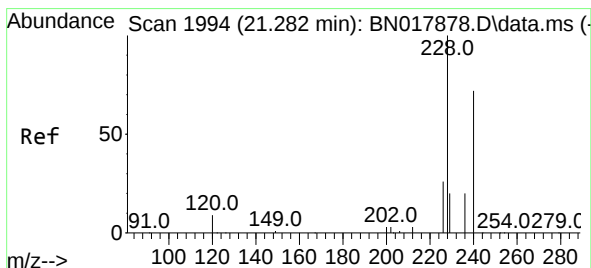
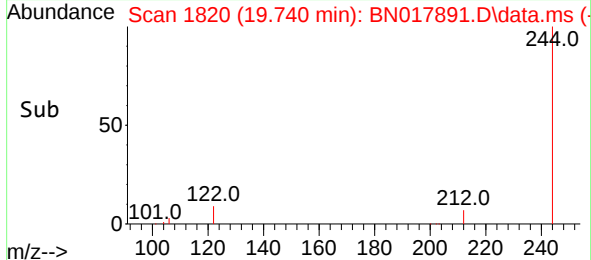
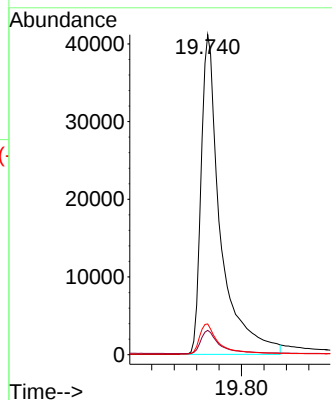
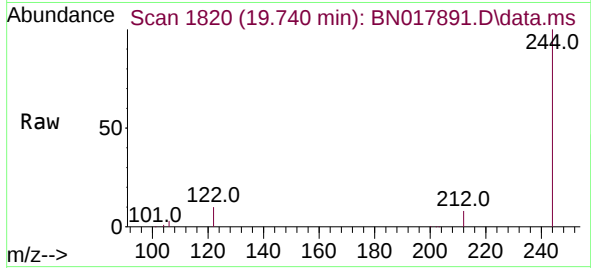




#31
 Terphenyl-d14
 Concen: 0.629 ng
 RT: 19.740 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BN017891.D
 Acq: 11 Dec 2021 03:54

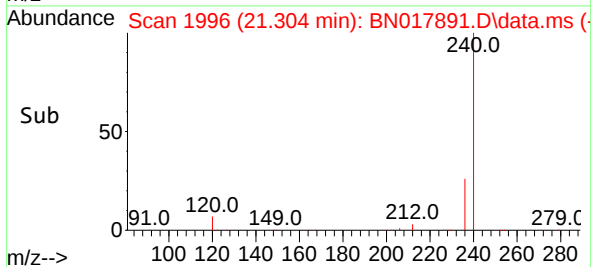
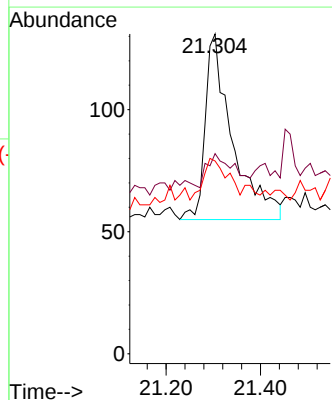
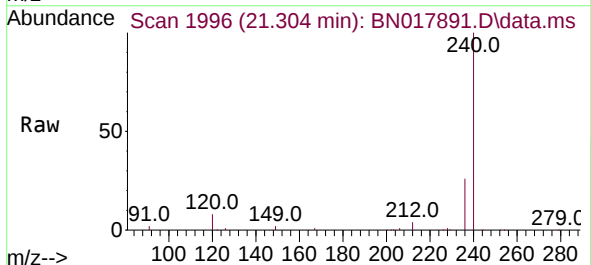
Instrument :
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 ClientSampleId :
 EB02-20211206

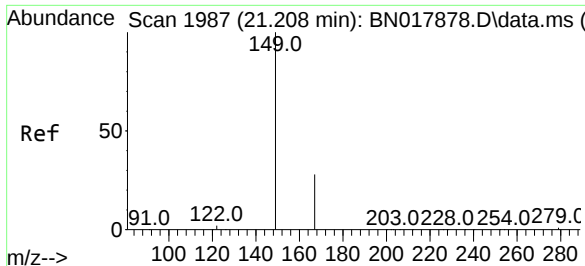
Tgt Ion:244 Resp: 98567
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.6 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.051 ng
 RT: 21.304 min Scan# 1996
 Delta R.T. 0.022 min
 Lab File: BN017891.D
 Acq: 11 Dec 2021 03:54

Tgt Ion:228 Resp: 305
 Ion Ratio Lower Upper
 228 100
 226 62.6 21.0 31.4#
 229 60.3 15.8 23.8#

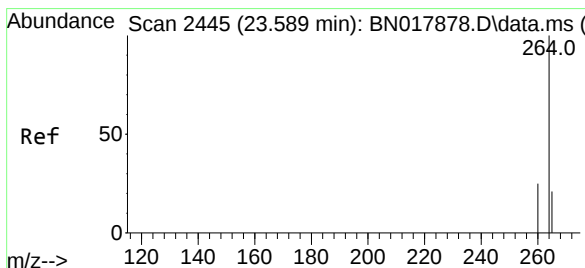
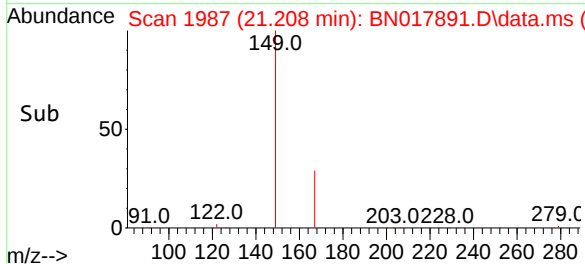
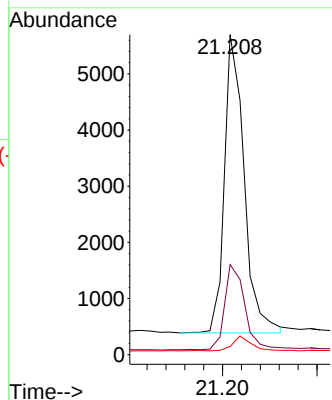
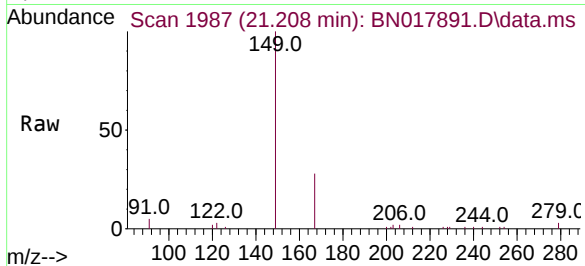




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017891.D
 Acq: 11 Dec 2021 03:54

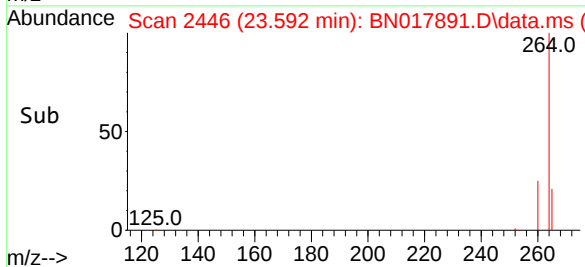
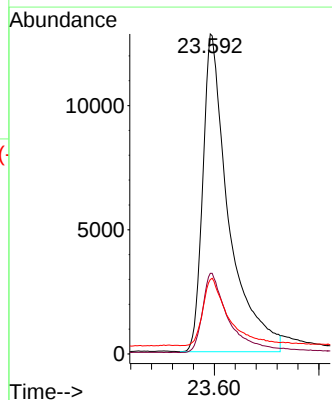
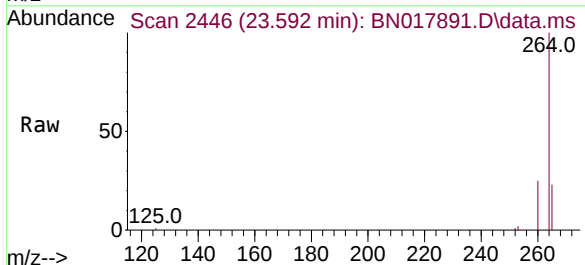
Instrument :
 BNA_N
 ClientSampleId :
 EB02-20211206

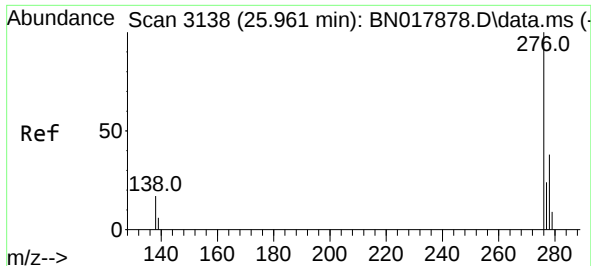
Tgt Ion:149	Resp:	7696
Ion Ratio	Lower	Upper
149	100	
167	29.4	23.4 35.0
279	4.8	3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.592 min Scan# 2446
 Delta R.T. 0.003 min
 Lab File: BN017891.D
 Acq: 11 Dec 2021 03:54

Tgt Ion:264	Resp:	43865
Ion Ratio	Lower	Upper
264	100	
260	25.2	20.2 30.4
265	23.3	18.2 27.4

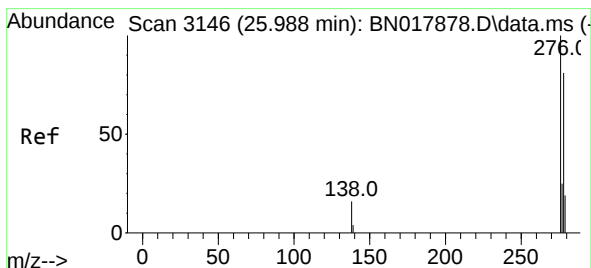
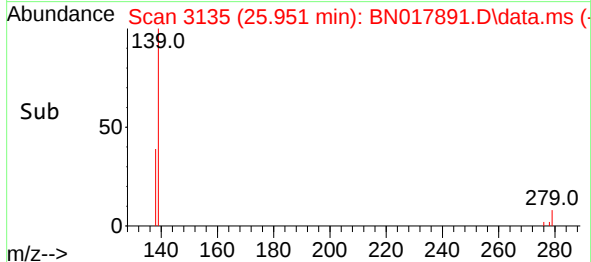
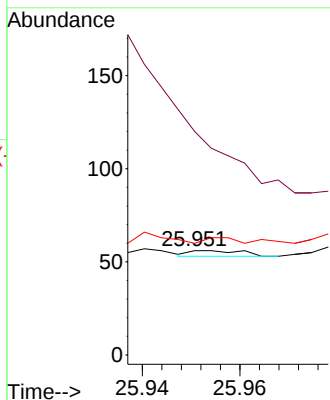
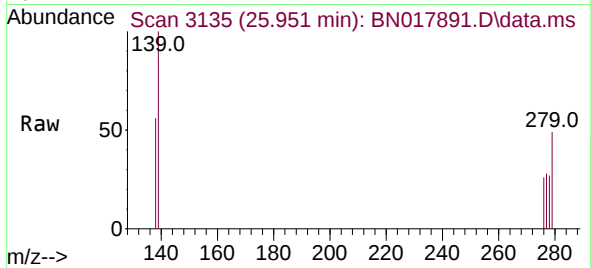




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.951 min Scan# 3138
 Delta R.T. -0.010 min
 Lab File: BN017891.D
 Acq: 11 Dec 2021 03:54

Instrument :
 BNA_N
 ClientSampleId :
 EB02-20211206

Tgt Ion:276 Resp: 2
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 200.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 25.995 min Scan# 3148
 Delta R.T. 0.007 min
 Lab File: BN017891.D
 Acq: 11 Dec 2021 03:54

Tgt Ion:278 Resp: 2
 Ion Ratio Lower Upper
 278 100
 139 189.8 12.0 18.0#
 279 174.6 20.8 31.2#

