

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017899.D
 Acq On : 11 Dec 2021 10:30
 Operator : CG/JU
 Sample : M4956-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D-20211204

Quant Time: Dec 11 21:29:38 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)

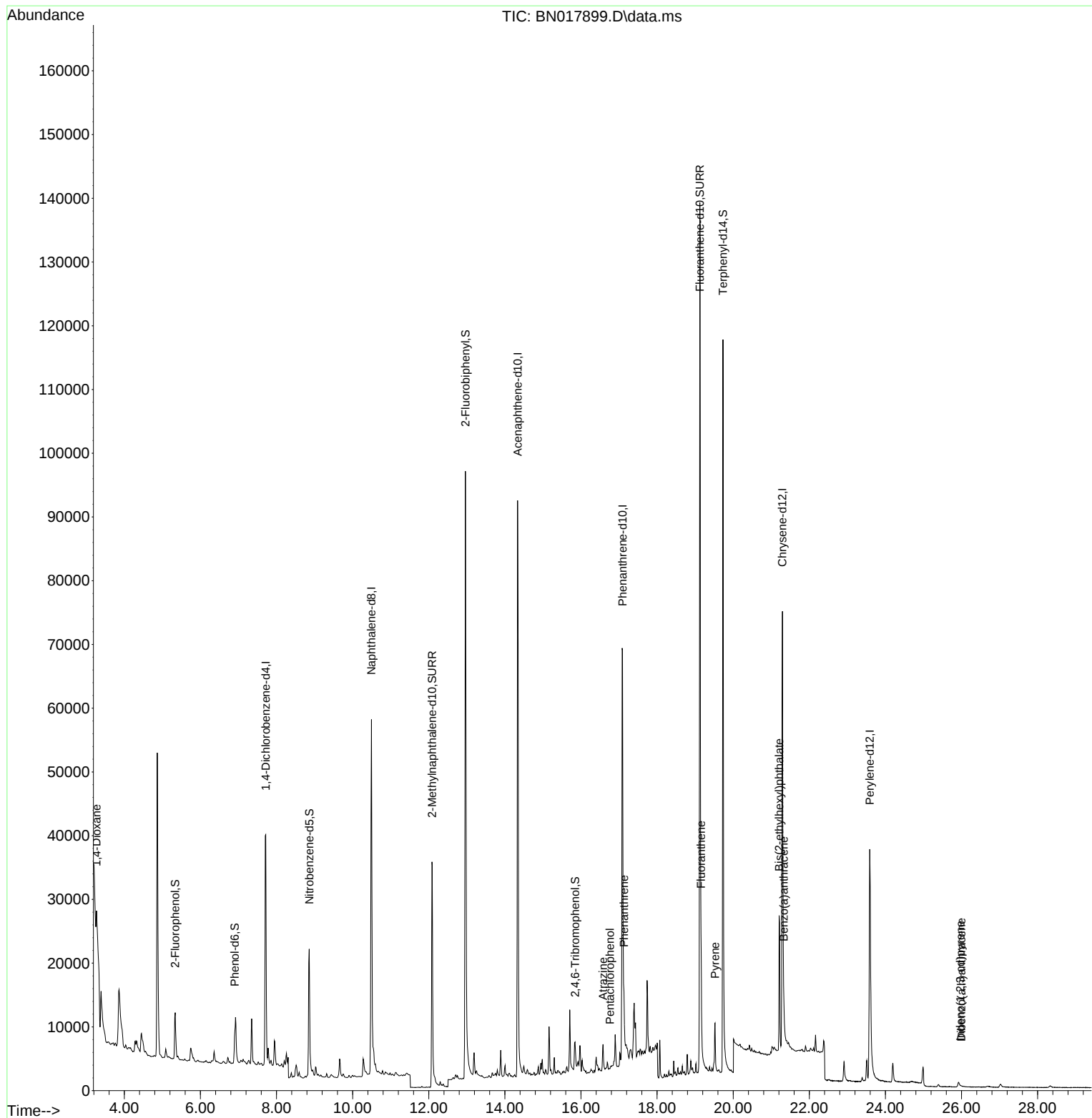
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	22496	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	90738	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	61490	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	128182	0.400	ng	0.00
29) Chrysene-d12	21.293	240	95887	0.400	ng	0.00
35) Perylene-d12	23.589	264	69750	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	8162	0.176	ng	0.00
5) Phenol-d6	6.903	99	4704	0.102	ng	0.00
8) Nitrobenzene-d5	8.859	82	22403	0.378	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	60330	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	5930	0.509	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	93636	0.433	ng	0.00
27) Fluoranthene-d10	19.124	212	189382	0.456	ng	0.00
31) Terphenyl-d14	19.730	244	146720	0.621	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	4982	0.730	ng	93
20) 4,6-Dinitro-2-methylph...	15.464	198	22	Below Cal	#	48
23) Atrazine	16.581	200	145	0.094	ng	# 1
24) Pentachlorophenol	16.764	266	33	0.099	ng	# 53
25) Phenanthrene	17.129	178	9976	0.030	ng	96
28) Fluoranthene	19.154	202	11946	0.030	ng	98
30) Pyrene	19.521	202	8101	0.022	ng	# 94
32) Benzo(a)anthracene	21.325	228	3370	0.061	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.208	149	24312	0.236	ng	99
36) Indeno(1,2,3-cd)pyrene	25.971	276	367	0.091	ng	# 56
40) Dibenzo(a,h)anthracene	25.999	278	5	0.101	ng	# 1

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

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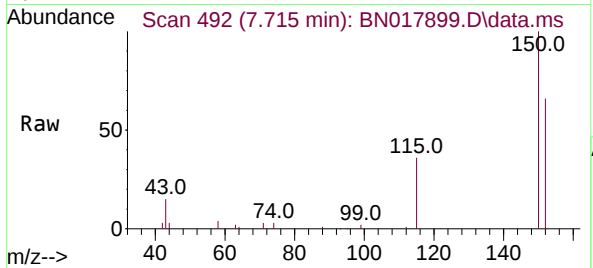
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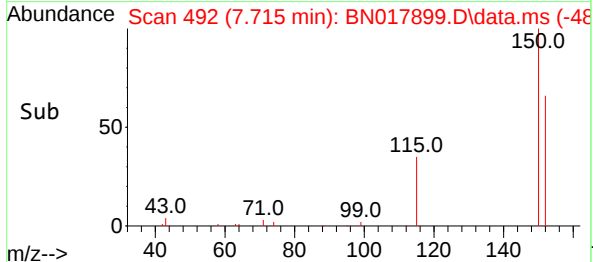
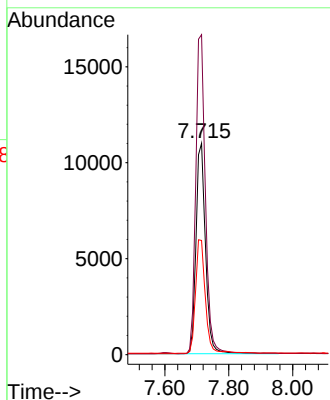


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017899.D
 Acq: 11 Dec 2021 10:30

Instrument :
 BNA_N
 ClientSampleId :
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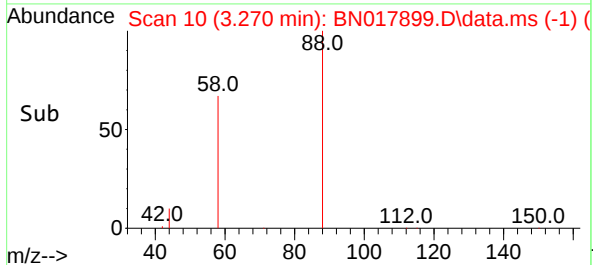
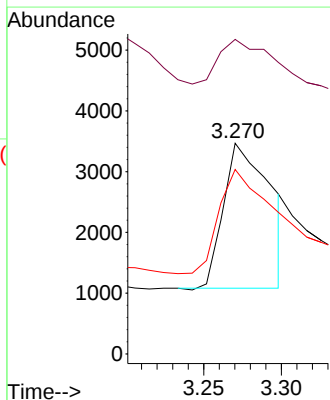
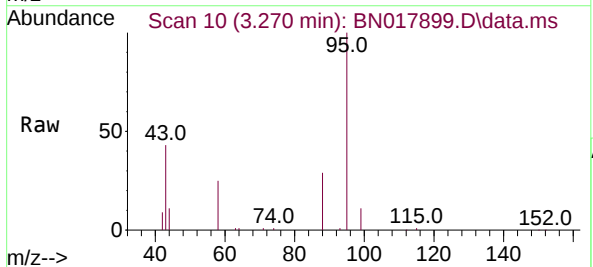


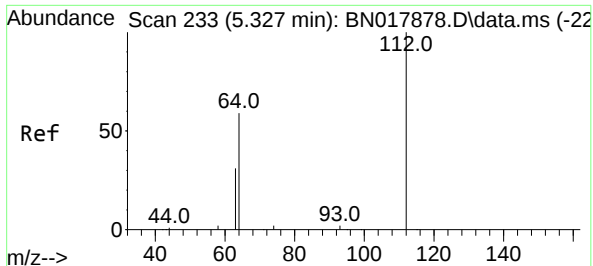
Tgt Ion:152 Resp: 22496
 Ion Ratio Lower Upper
 152 100
 150 151.4 121.9 182.9
 115 54.1 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.730 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017899.D
 Acq: 11 Dec 2021 10:30

Tgt Ion: 88 Resp: 4982
 Ion Ratio Lower Upper
 88 100
 43 31.6 28.0 42.0
 58 74.9 65.4 98.0

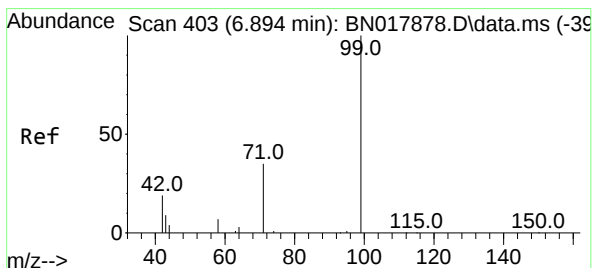
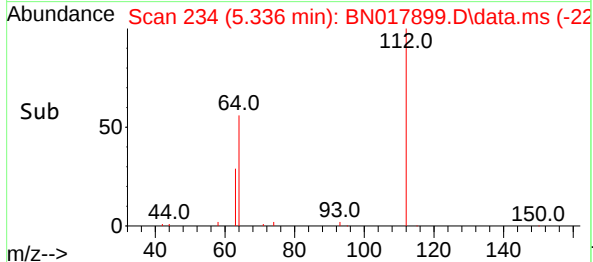
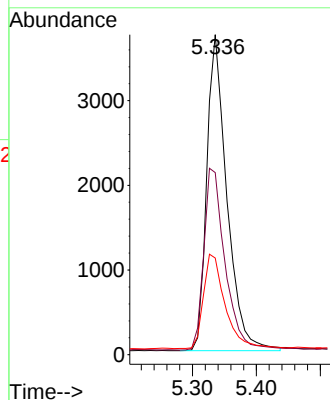
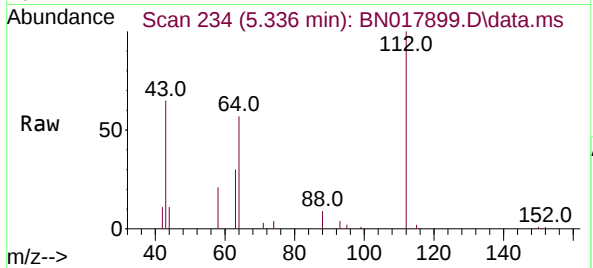




#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

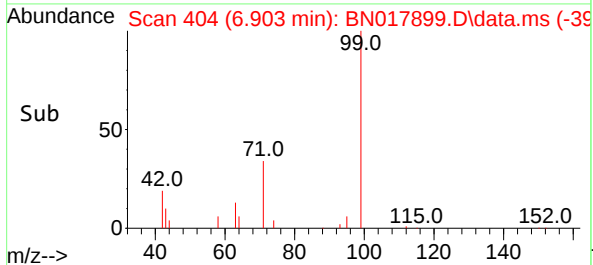
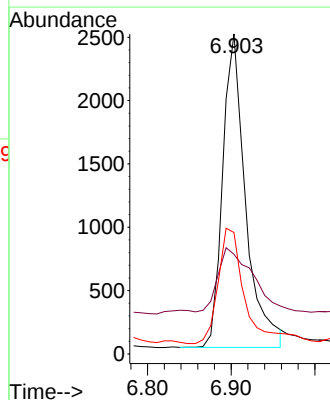
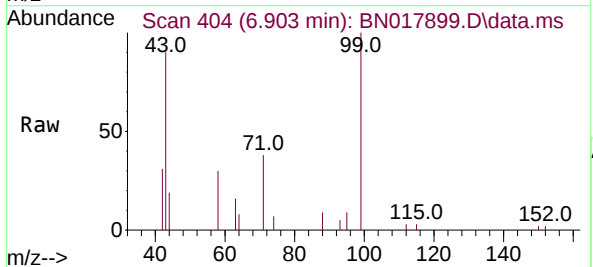
Instrument :
BNA_N
ClientSampleId :
MW202D-20211204

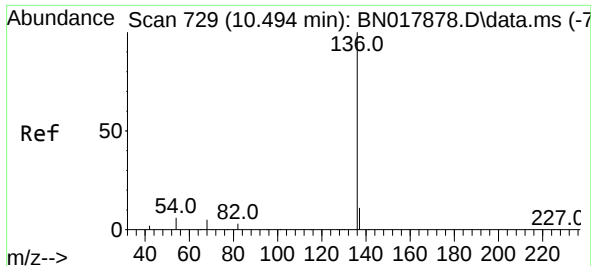
Tgt Ion:112 Resp: 8162
Ion Ratio Lower Upper
112 100
64 60.8 49.0 73.4
63 32.1 26.2 39.2



#5
Phenol-d6
Concen: 0.102 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

Tgt Ion: 99 Resp: 4704
Ion Ratio Lower Upper
99 100
42 30.4 17.0 25.4#
71 41.2 28.0 42.0

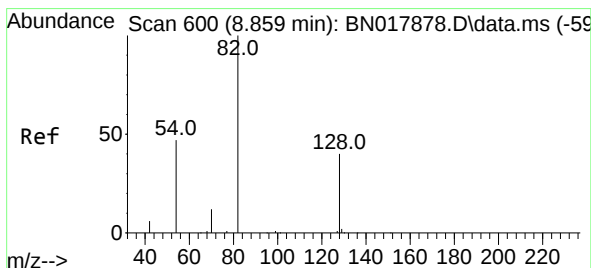
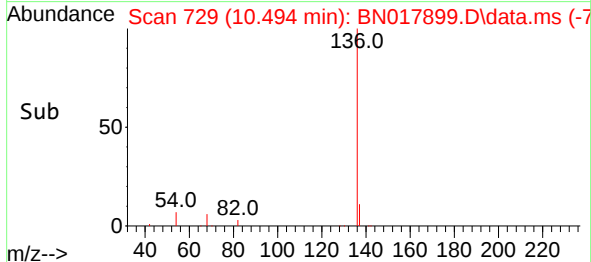
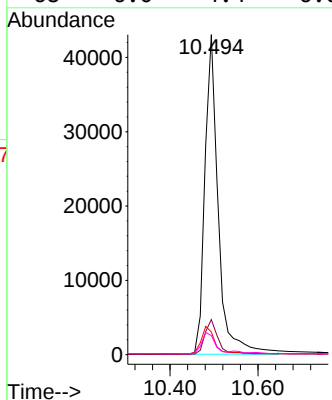
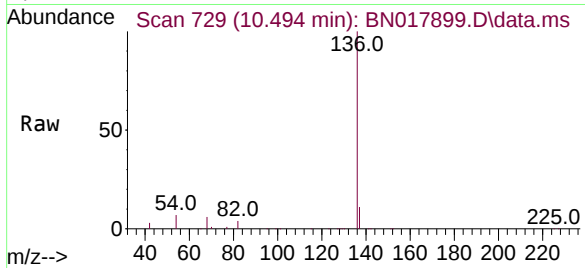




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

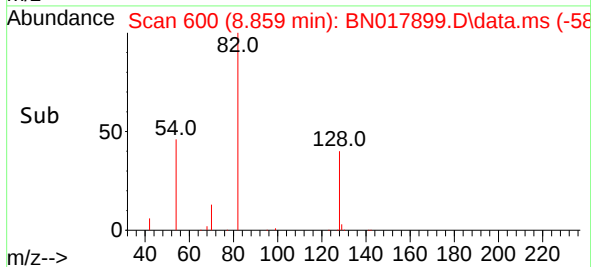
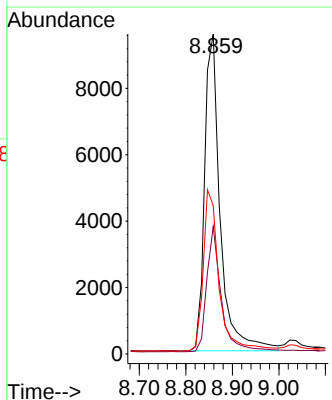
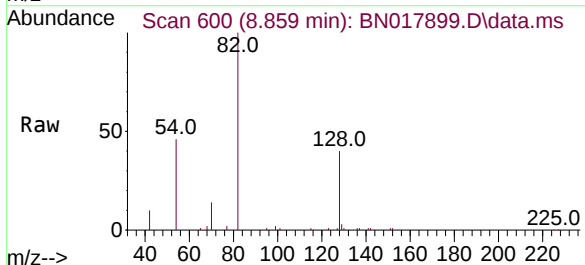
Instrument :
BNA_N
ClientSampleId :
MW202D-20211204

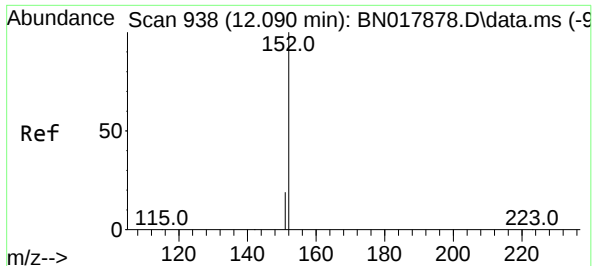
Tgt Ion:	136	Resp:	90738
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.1	5.1	7.7
68	6.0	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

Tgt Ion:	82	Resp:	22403
Ion Ratio	Lower	Upper	
82	100		
128	39.9	32.2	48.4
54	46.3	37.6	56.4

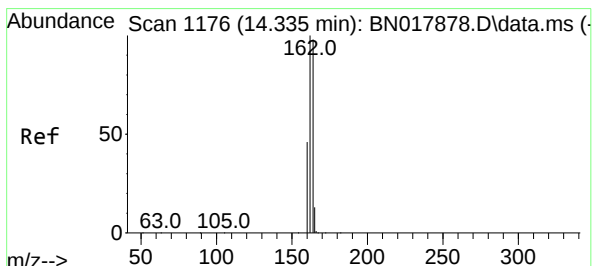
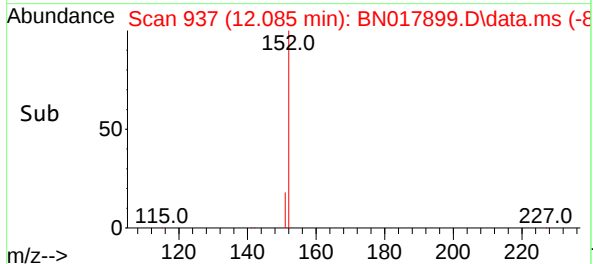
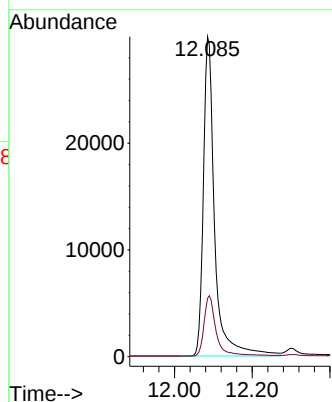
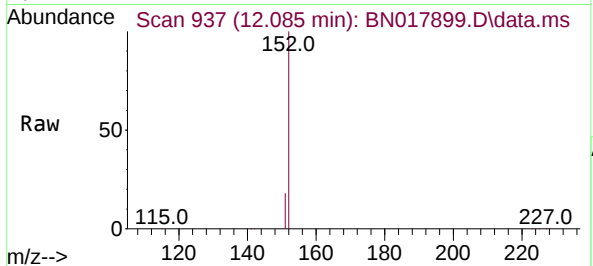




#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.085 min Scan# 911
Delta R.T. -0.005 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

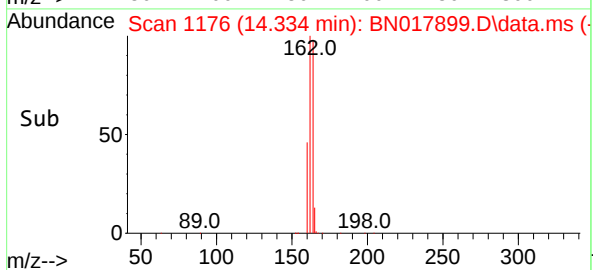
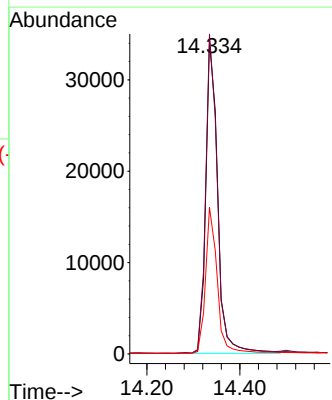
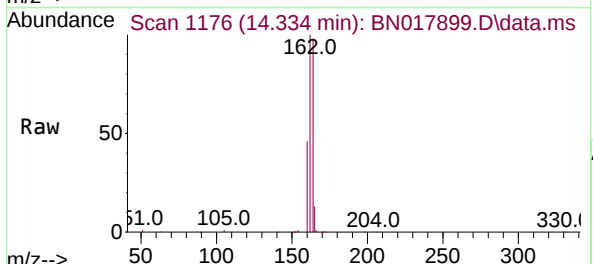
Instrument :
BNA_N
ClientSampleId :
MW202D-20211204

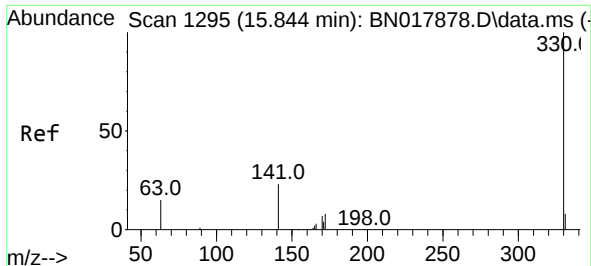
Tgt Ion:152 Resp: 60330
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

Tgt Ion:164 Resp: 61490
Ion Ratio Lower Upper
164 100
162 102.2 82.1 123.1
160 46.8 38.2 57.2

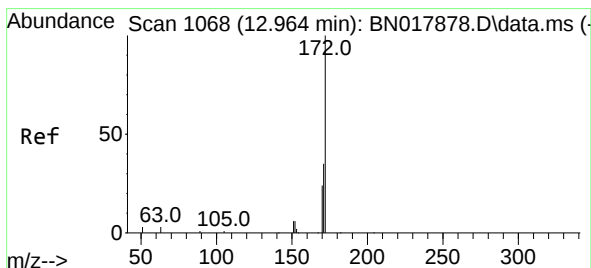
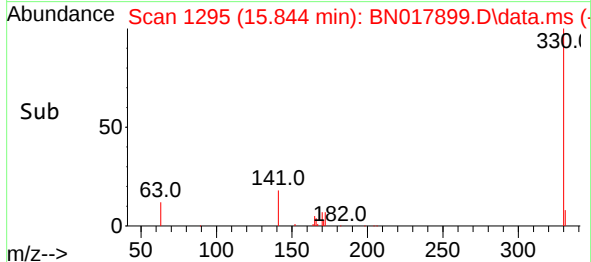
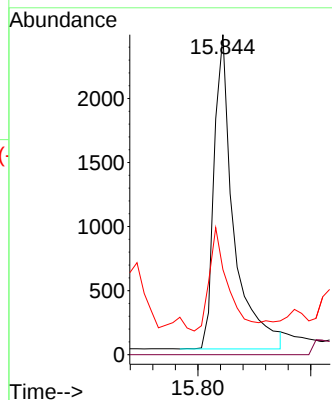
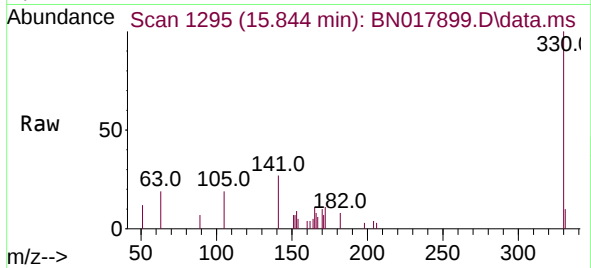




#14
2,4,6-Tribromophenol
Concen: 0.509 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

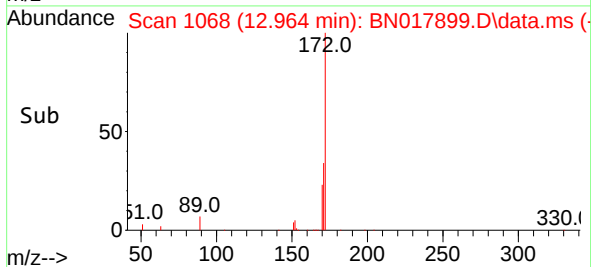
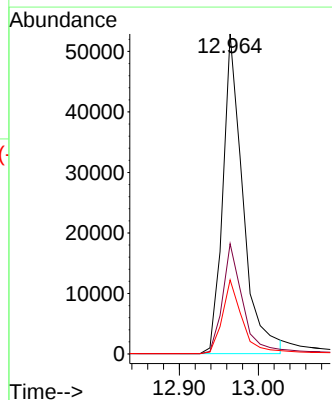
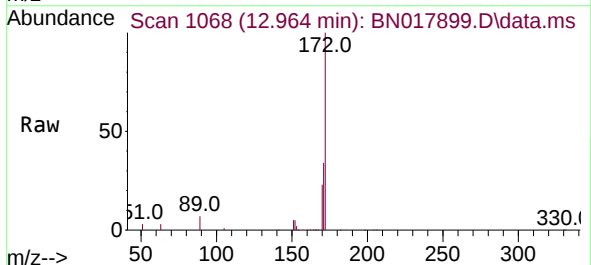
Instrument :
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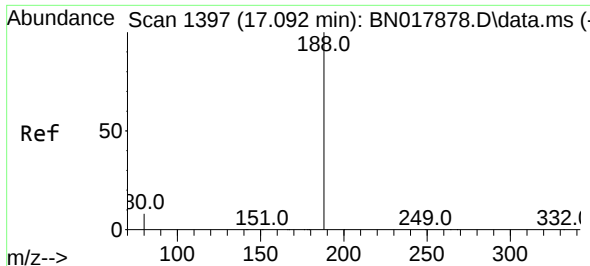
Tgt Ion:330 Resp: 5930
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.1 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

Tgt Ion:172 Resp: 93636
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.1 19.1 28.7

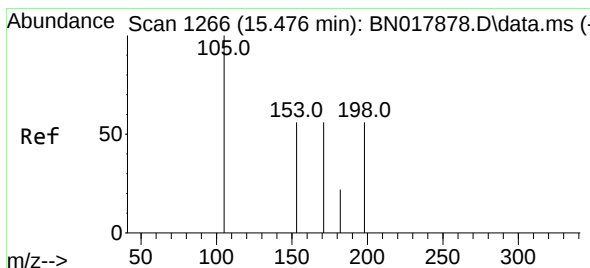
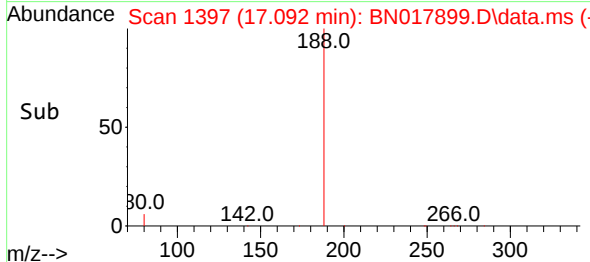
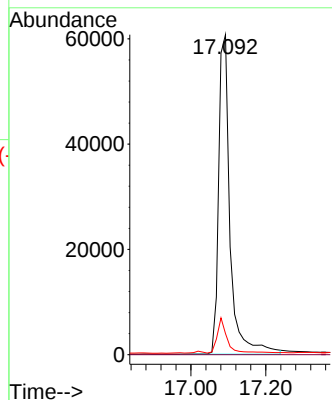
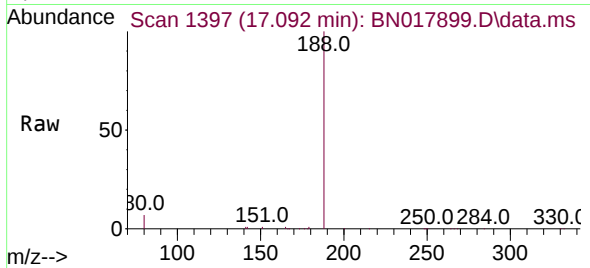




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

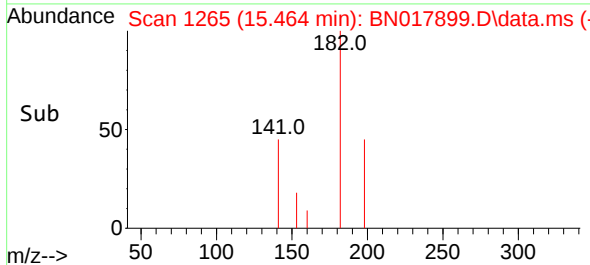
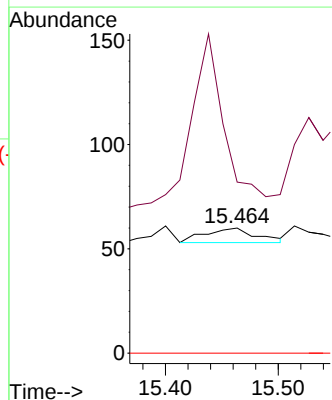
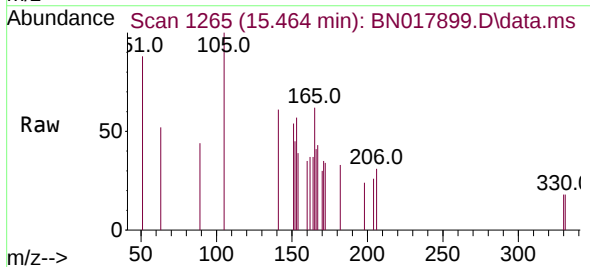
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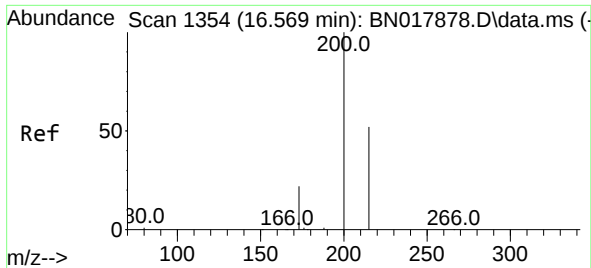
Tgt Ion:188 Resp: 128182
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.464 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
182 136.7 70.8 106.2#
77 0.0 0.0 0.0

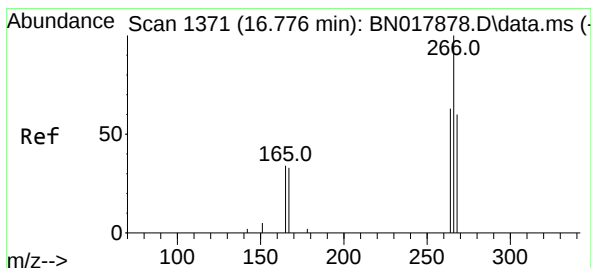
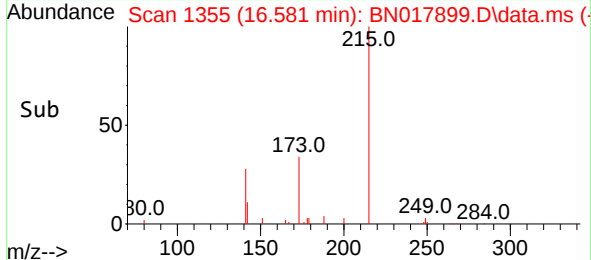
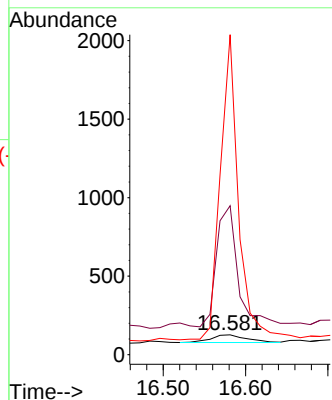
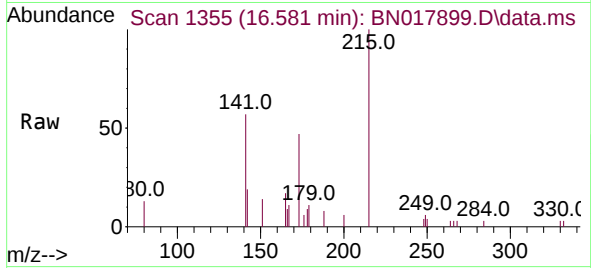




#23
 Atrazine
 Concen: 0.094 ng
 RT: 16.581 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN017899.D
 Acq: 11 Dec 2021 10:30

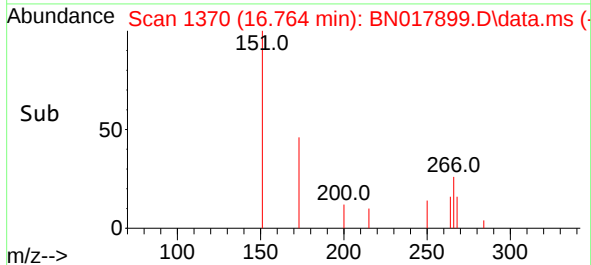
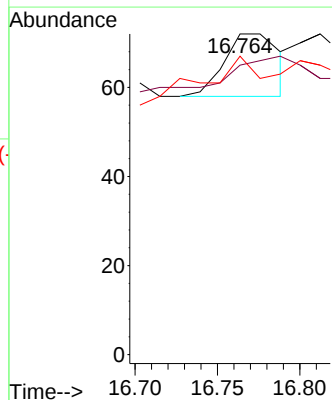
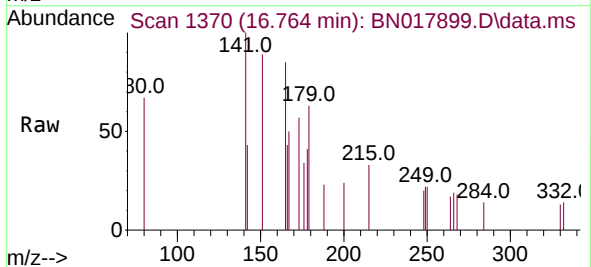
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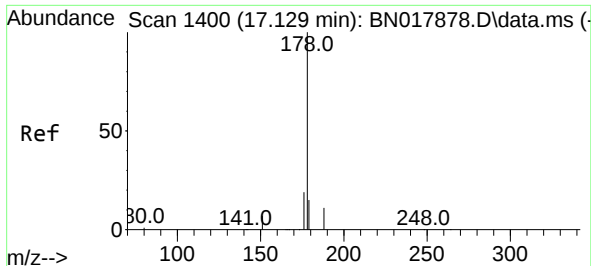
Tgt Ion:200 Resp: 145
 Ion Ratio Lower Upper
 200 100
 173 747.2 18.2 27.2#
 215 1604.7 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.099 ng
 RT: 16.764 min Scan# 1370
 Delta R.T. -0.012 min
 Lab File: BN017899.D
 Acq: 11 Dec 2021 10:30

Tgt Ion:266 Resp: 33
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 78.8 53.7 80.5

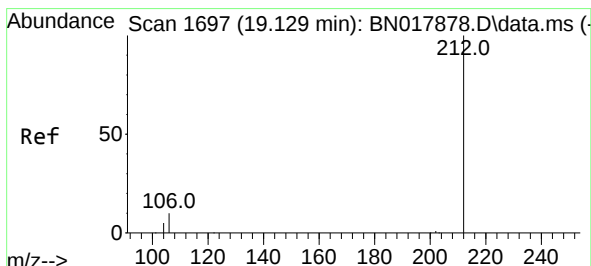
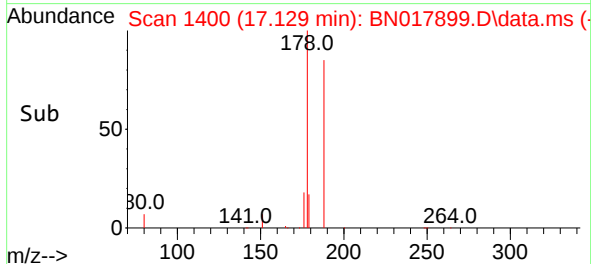
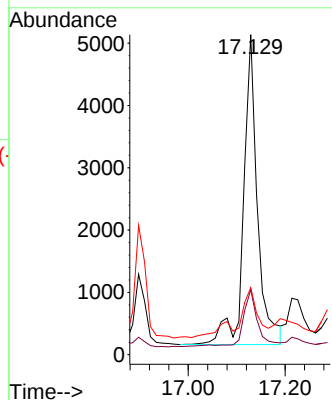
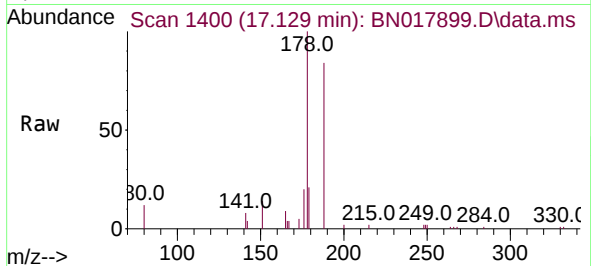




#25
Phenanthrene
Concen: 0.030 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

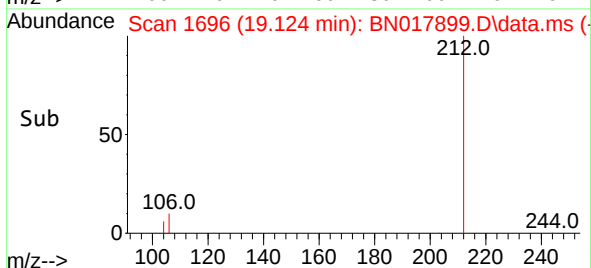
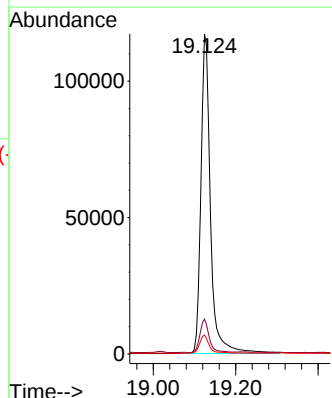
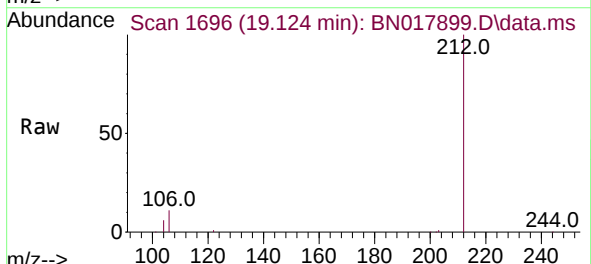
Instrument :
BNA_N
ClientSampleId :
MW202D-20211204

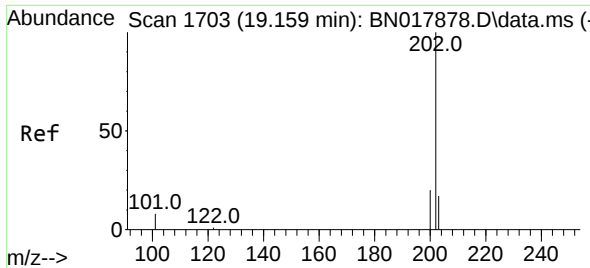
Tgt Ion:	178	Resp:	9976
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.6
179	12.6	12.4	18.6



#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

Tgt Ion:	212	Resp:	189382
Ion	Ratio	Lower	Upper
212	100		
106	10.0	8.3	12.5
104	5.9	4.6	6.8

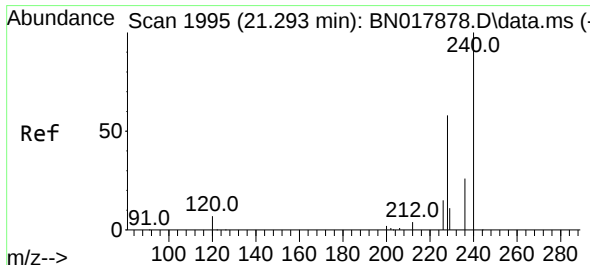
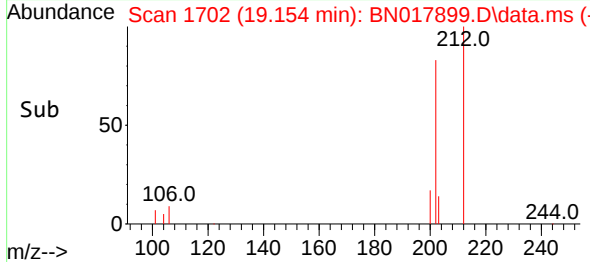
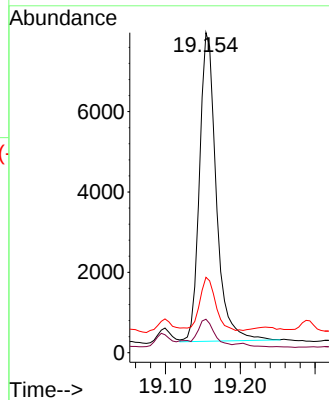
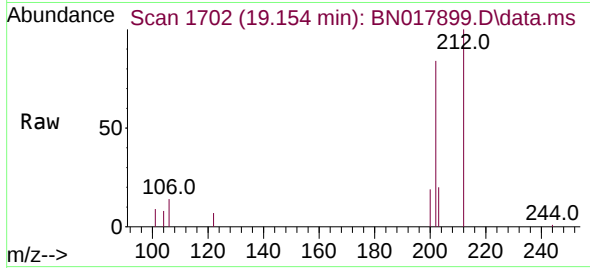




#28
Fluoranthene
Concen: 0.030 ng
RT: 19.154 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

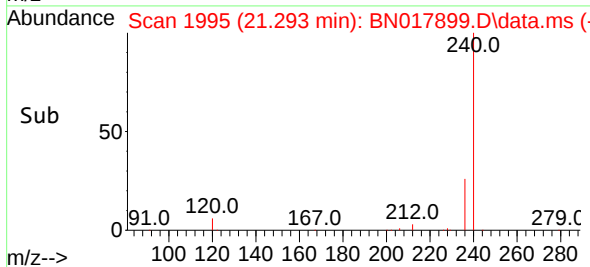
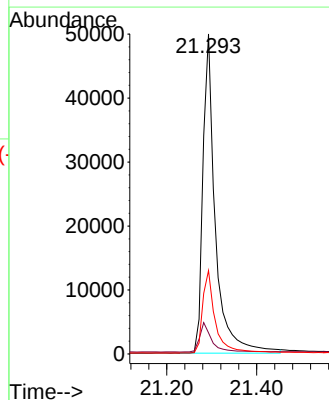
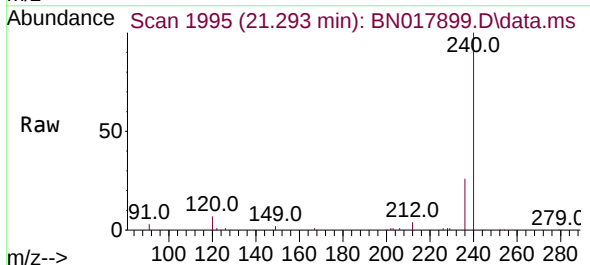
Instrument :
BNA_N
ClientSampleId :
MW202D-20211204

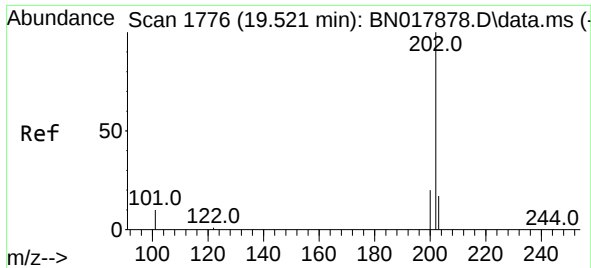
Tgt Ion:202 Resp: 11946
Ion Ratio Lower Upper
202 100
101 7.6 7.3 10.9
203 17.4 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

Tgt Ion:240 Resp: 95887
Ion Ratio Lower Upper
240 100
120 6.6 5.8 8.8
236 26.0 21.0 31.6

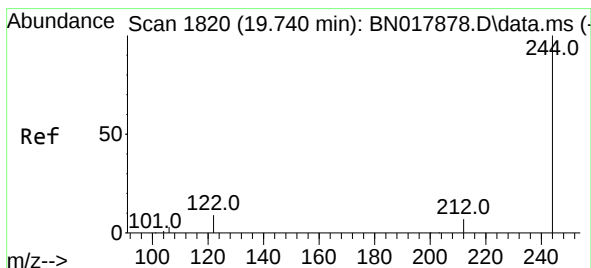
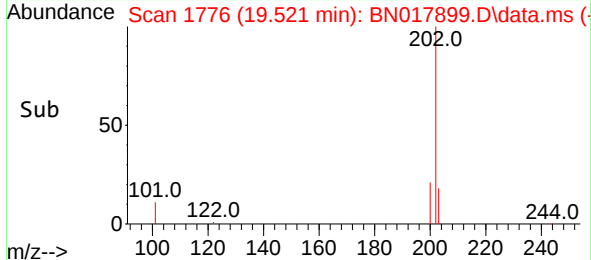
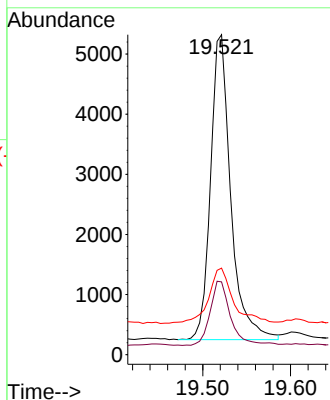
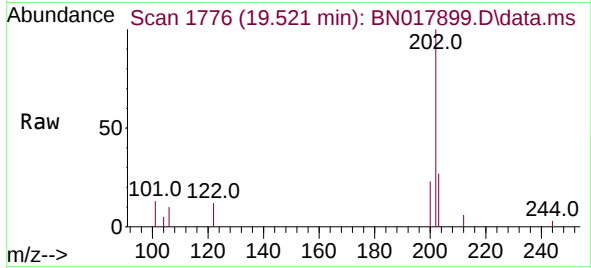




#30
Pyrene
Concen: 0.022 ng
RT: 19.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

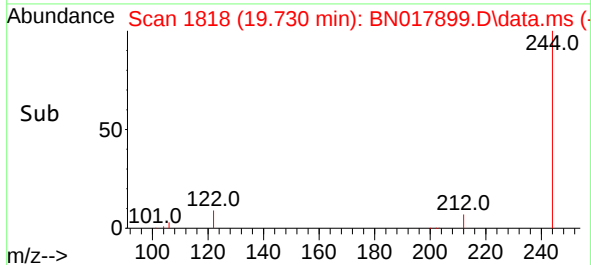
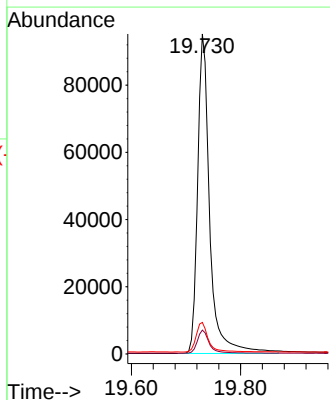
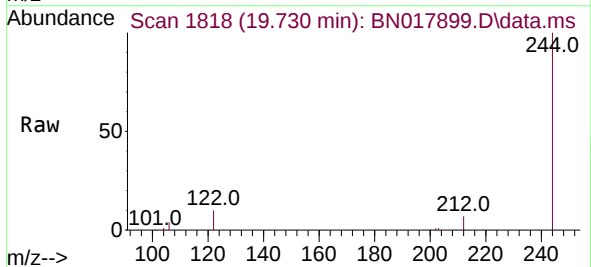
Instrument :
BNA_N
ClientSampleId :
MW202D-20211204

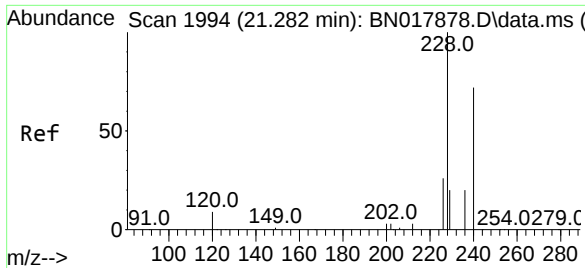
Tgt Ion:202 Resp: 8101
Ion Ratio Lower Upper
202 100
200 21.5 16.5 24.7
203 21.9 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.621 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017899.D
Acq: 11 Dec 2021 10:30

Tgt Ion:244 Resp: 146720
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.9 7.5 11.3





#32

Benzo(a)anthracene

Concen: 0.061 ng

RT: 21.325 min Scan# 1998

Delta R.T. 0.043 min

Lab File: BN017899.D

Acq: 11 Dec 2021 10:30

Instrument :

BNA_N

ClientSampleId :

MW202D-20211204

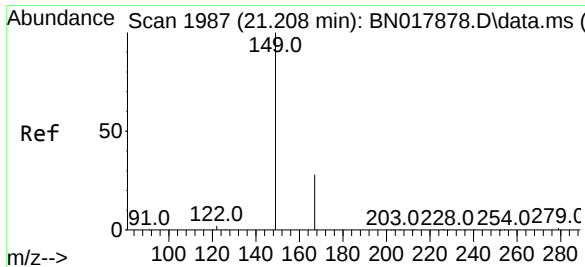
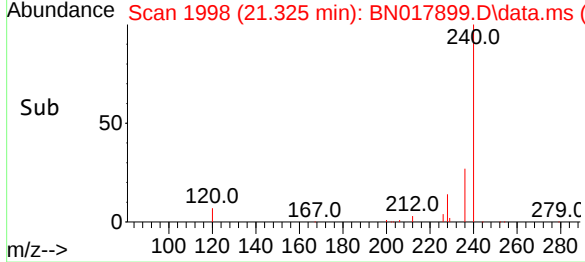
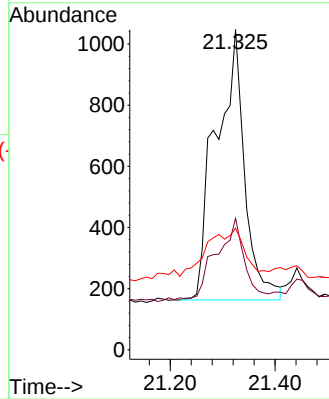
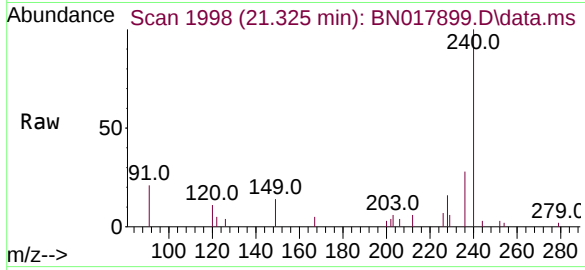
Tgt Ion:228 Resp: 3370

Ion Ratio Lower Upper

228 100

226 41.1 21.0 31.4#

229 38.0 15.8 23.8#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.236 ng

RT: 21.208 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BN017899.D

Acq: 11 Dec 2021 10:30

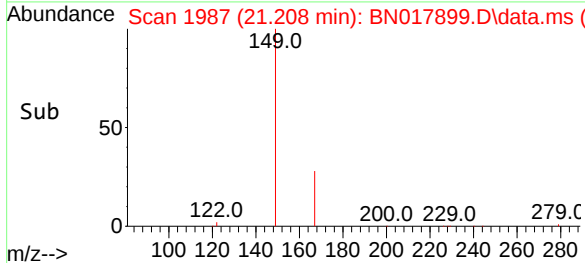
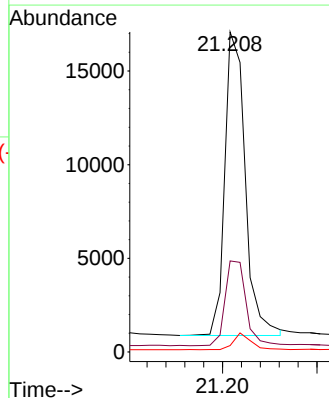
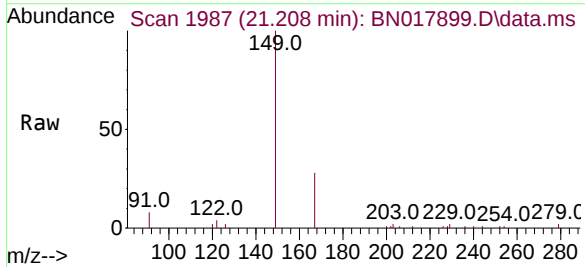
Tgt Ion:149 Resp: 24312

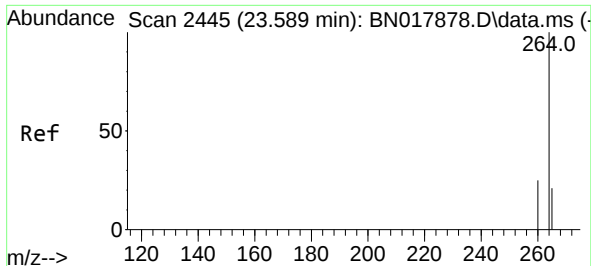
Ion Ratio Lower Upper

149 100

167 28.7 23.4 35.0

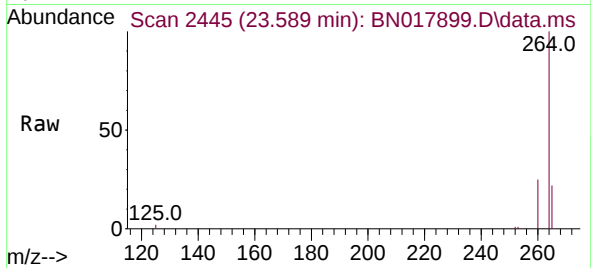
279 4.7 3.6 5.4



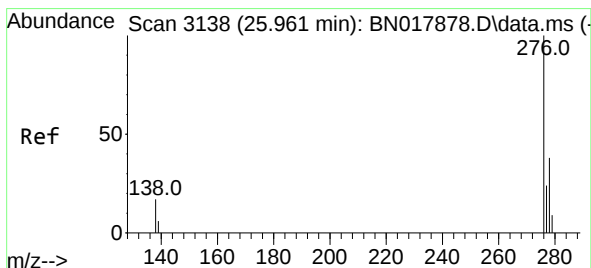
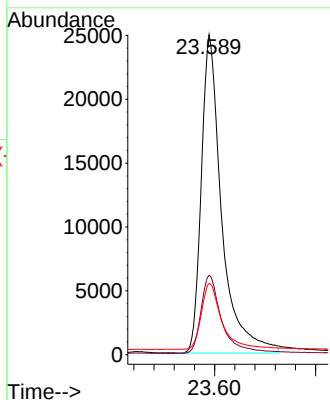
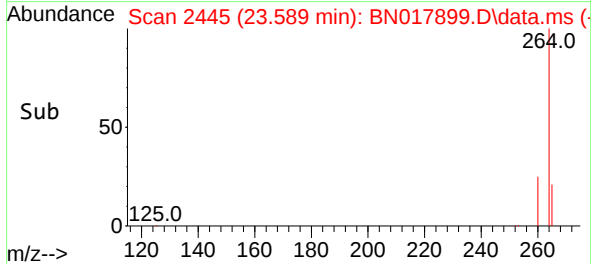


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2445
 Delta R.T. -0.000 min
 Lab File: BN017899.D
 Acq: 11 Dec 2021 10:30

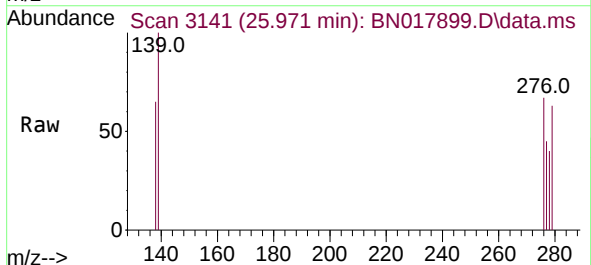
Instrument :
 BNA_N
 ClientSampleId :
 MW202D-20211204



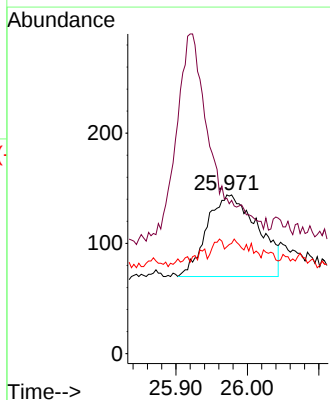
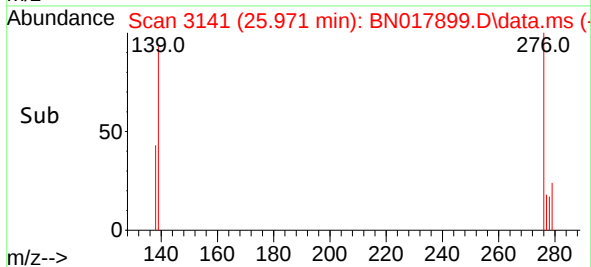
Tgt Ion:264 Resp: 69750
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.2 30.4
 265 22.3 18.2 27.4

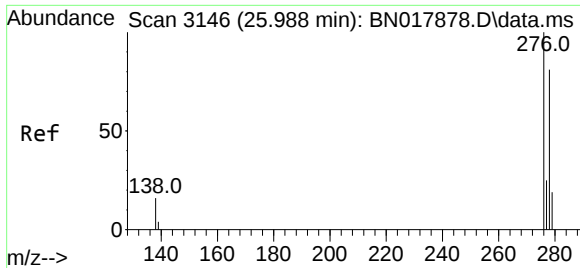


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.091 ng
 RT: 25.971 min Scan# 3141
 Delta R.T. 0.010 min
 Lab File: BN017899.D
 Acq: 11 Dec 2021 10:30



Tgt Ion:276 Resp: 367
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 2.5 19.8 29.6#





#40

Dibenzo(a,h)anthracene

Concen: 0.101 ng

RT: 25.999 min Scan# 31

Delta R.T. 0.011 min

Lab File: BN017899.D

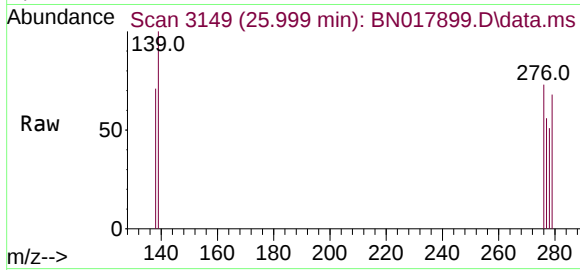
Acq: 11 Dec 2021 10:30

Instrument :

BNA_N

ClientSampleId :

MW202D-20211204



Tgt Ion:278 Resp: 5

Ion Ratio Lower Upper

278 100

139 196.7 12.0 18.0#

279 134.4 20.8 31.2#

