

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017900.D
 Acq On : 11 Dec 2021 11:07
 Operator : CG/JU
 Sample : M4956-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20211205

Quant Time: Dec 11 21:29:46 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)

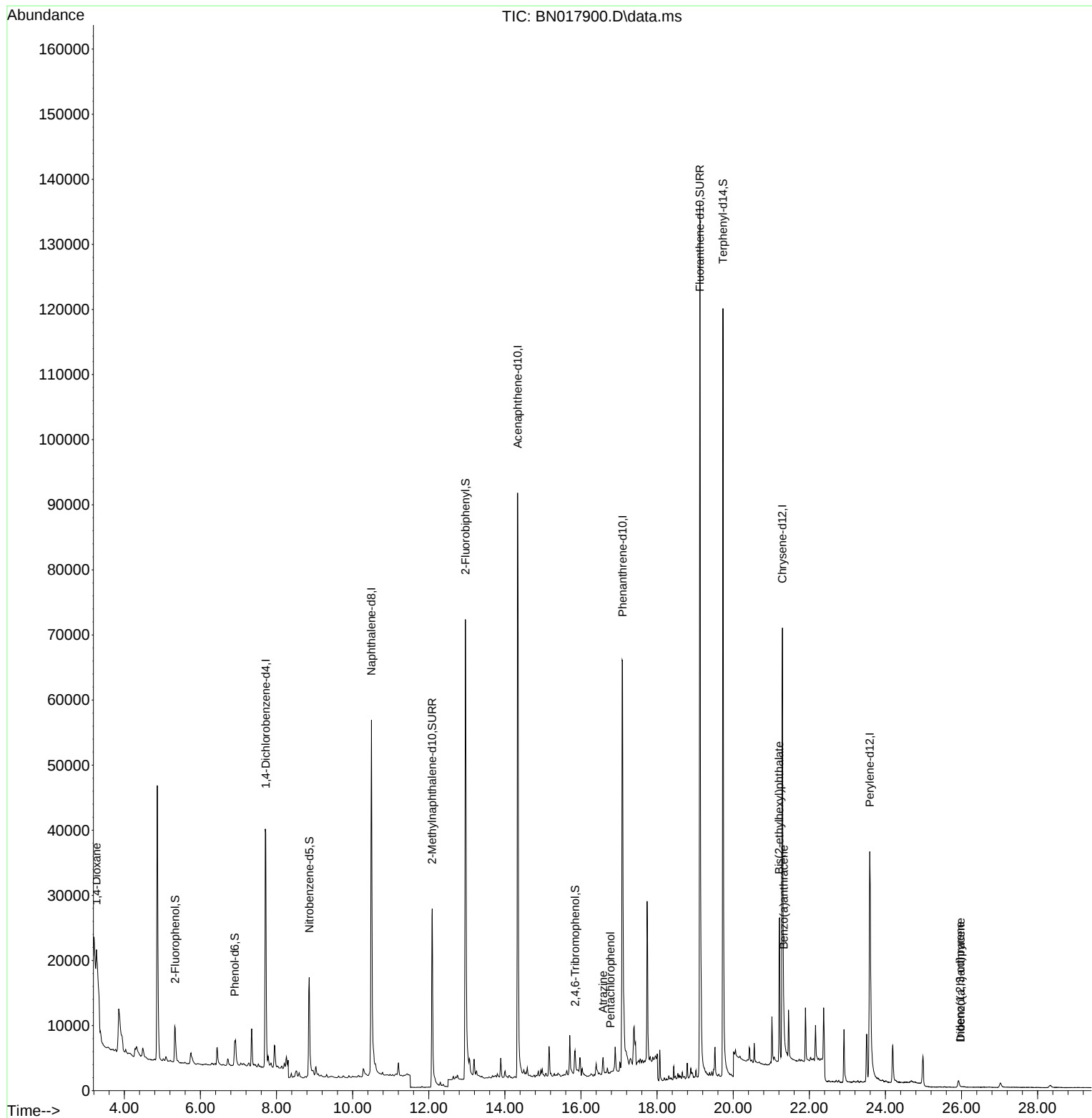
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	23029	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	90452	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	61992	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	129670	0.400	ng	0.00
29) Chrysene-d12	21.293	240	96697	0.400	ng	0.00
35) Perylene-d12	23.589	264	70736	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6771	0.143	ng	0.00
5) Phenol-d6	6.903	99	3801	0.081	ng	0.00
8) Nitrobenzene-d5	8.859	82	18063	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	48970	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4897	0.477	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	75201	0.345	ng	0.00
27) Fluoranthene-d10	19.124	212	185491	0.441	ng	0.00
31) Terphenyl-d14	19.730	244	146280	0.614	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	5274	0.755	ng	94
20) 4,6-Dinitro-2-methylph...	15.464	198	5	Below Cal	#	52
23) Atrazine	16.581	200	101	0.093	ng	# 1
24) Pentachlorophenol	16.776	266	32	0.099	ng	# 58
32) Benzo(a)anthracene	21.325	228	1306	0.054	ng	# 51
34) Bis(2-ethylhexyl)phtha...	21.208	149	25178	0.243	ng	98
36) Indeno(1,2,3-cd)pyrene	25.961	276	3	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.978	278	8	0.101	ng	# 1

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

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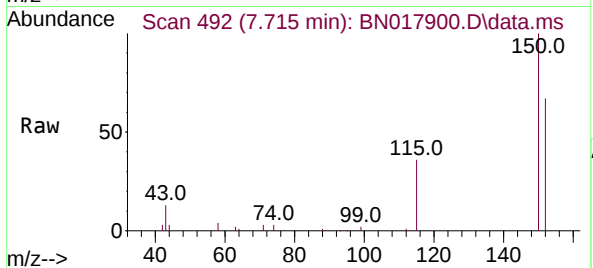
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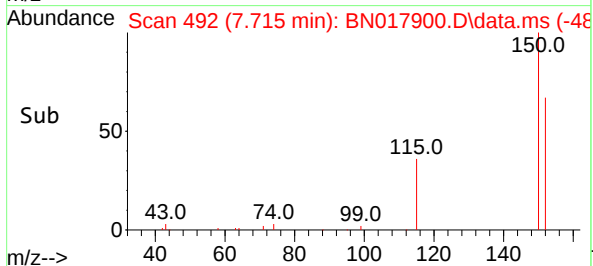
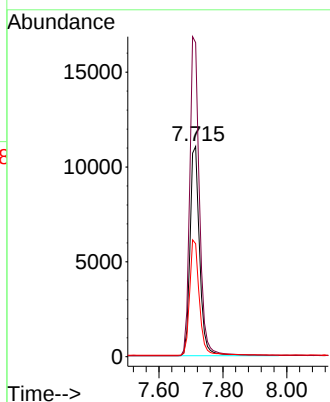


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20211205

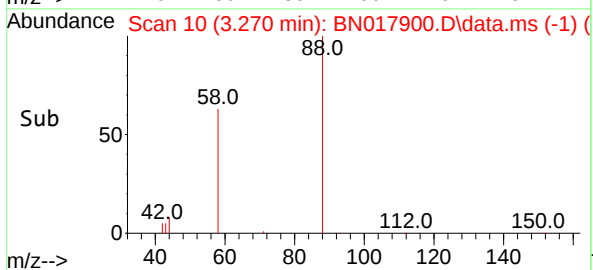
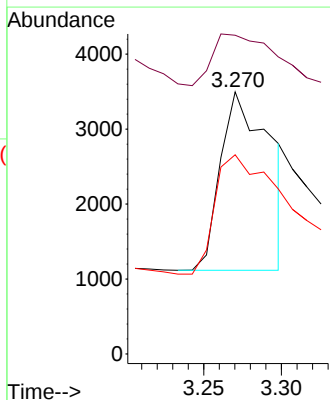
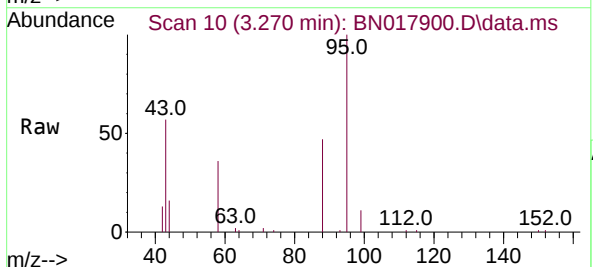


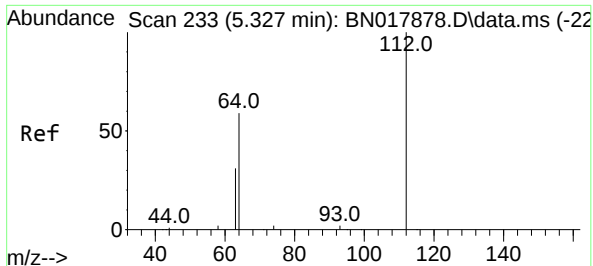
Tgt Ion:152 Resp: 23029
 Ion Ratio Lower Upper
 152 100
 150 149.4 121.9 182.9
 115 53.7 44.1 66.1



#2
 1,4-Dioxane
 Concen: 0.755 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07

Tgt Ion: 88 Resp: 5274
 Ion Ratio Lower Upper
 88 100
 43 32.6 28.0 42.0
 58 75.3 65.4 98.0

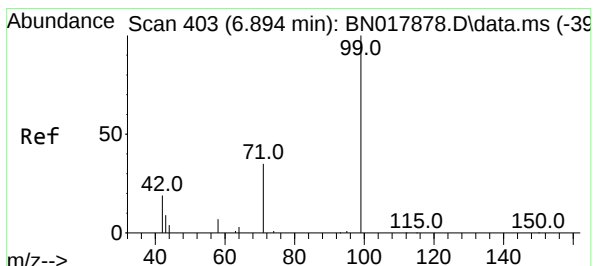
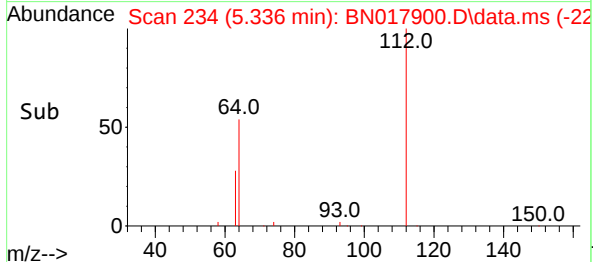
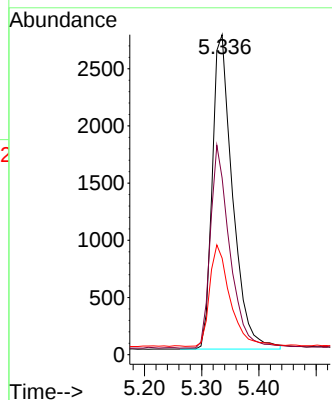
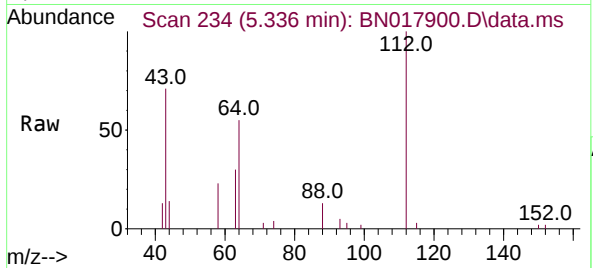




#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

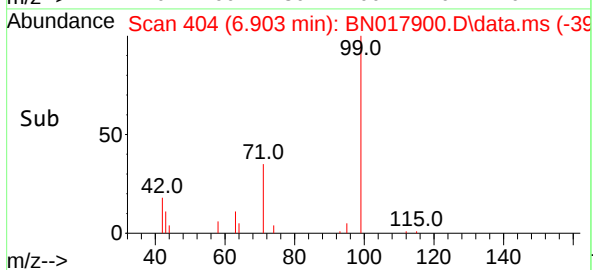
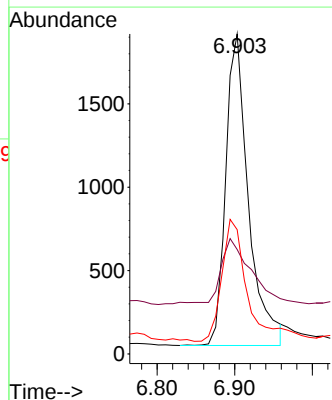
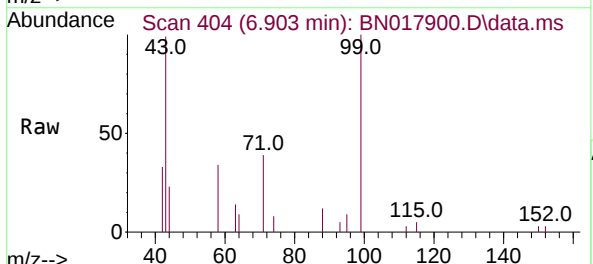
Instrument :
BNA_N
ClientSampleId :
MW203D-20211205

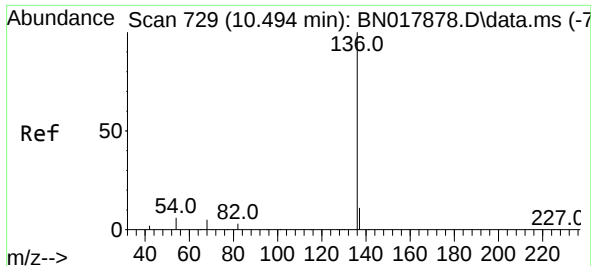
Tgt Ion:112 Resp: 6771
Ion Ratio Lower Upper
112 100
64 61.7 49.0 73.4
63 32.4 26.2 39.2



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

Tgt Ion: 99 Resp: 3801
Ion Ratio Lower Upper
99 100
42 26.9 17.0 25.4#
71 41.1 28.0 42.0

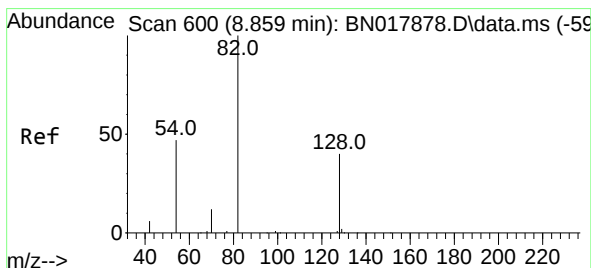
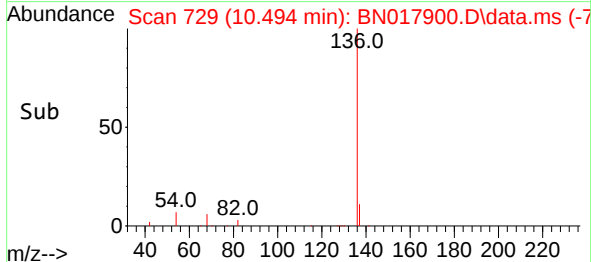
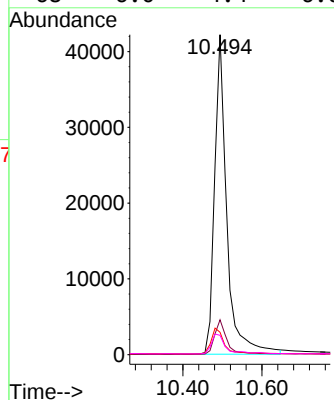
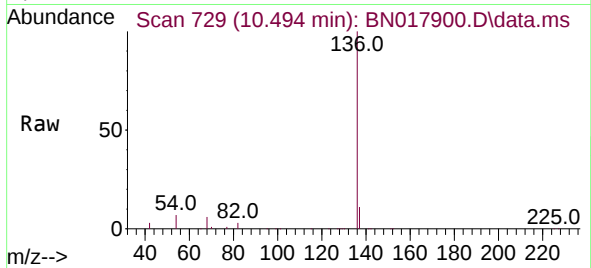




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

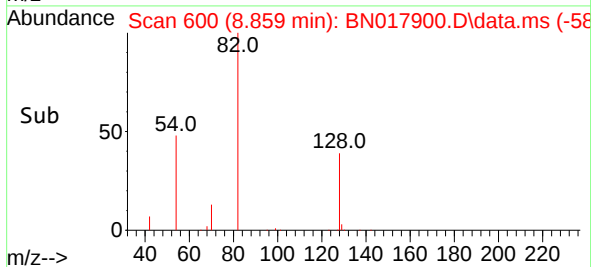
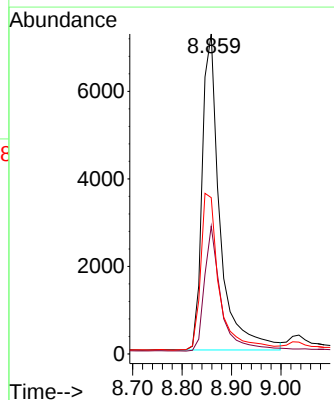
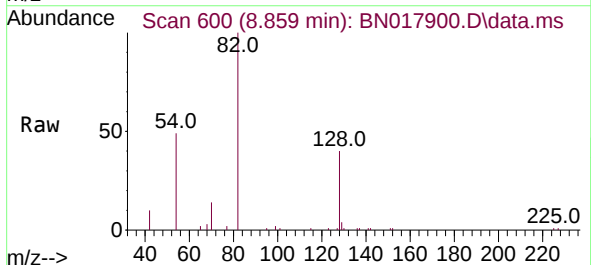
Instrument :
BNA_N
ClientSampleId :
MW203D-20211205

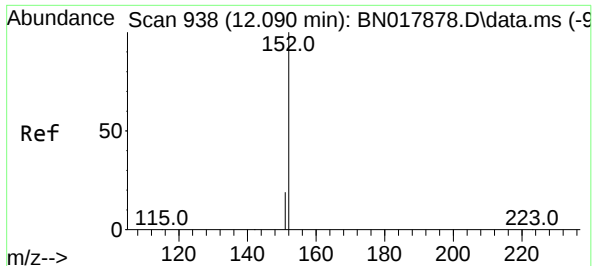
Tgt Ion:	136	Resp:	90452
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.0	5.1	7.7
68	6.0	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

Tgt Ion:	82	Resp:	18063
Ion Ratio	Lower	Upper	
82	100		
128	40.0	32.2	48.4
54	48.9	37.6	56.4

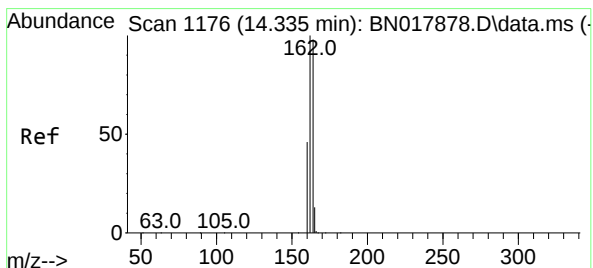
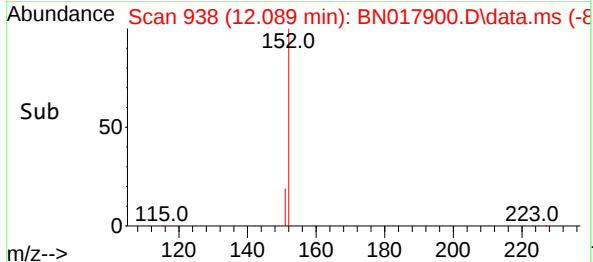
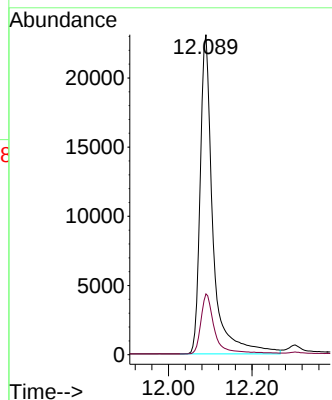
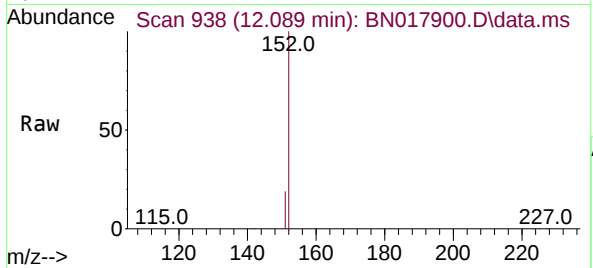




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.089 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

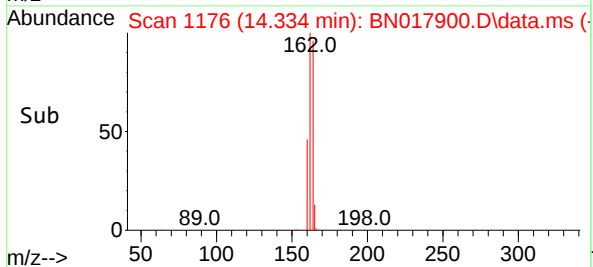
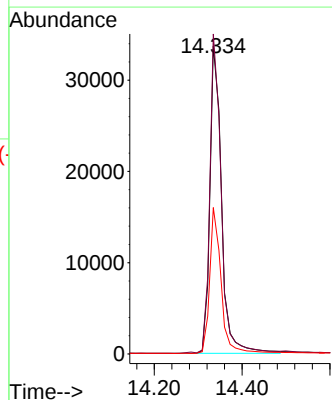
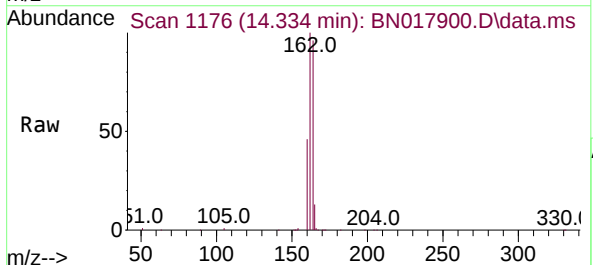
Instrument :
BNA_N
ClientSampleId :
MW203D-20211205

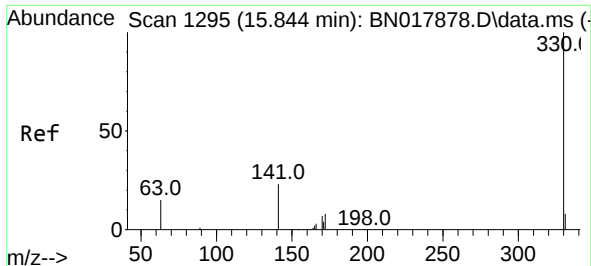
Tgt Ion:152 Resp: 48970
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

Tgt Ion:164 Resp: 61992
Ion Ratio Lower Upper
164 100
162 104.0 82.1 123.1
160 47.6 38.2 57.2

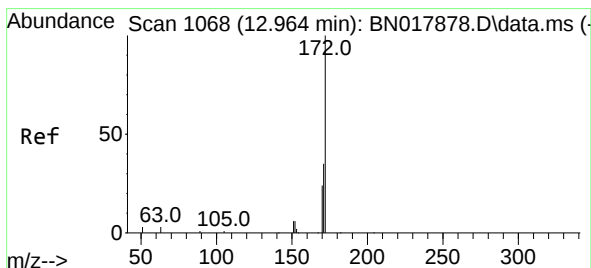
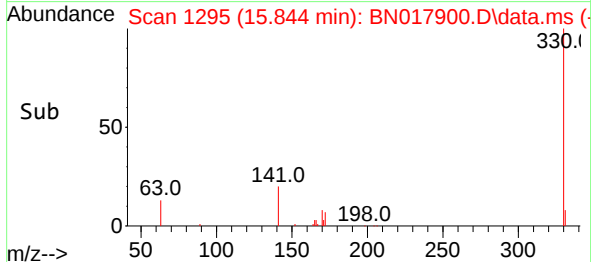
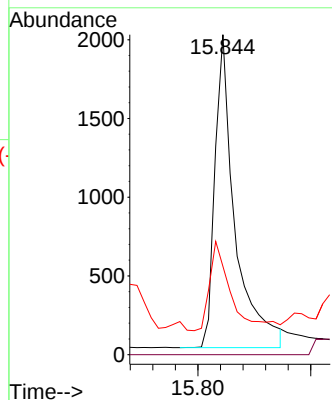
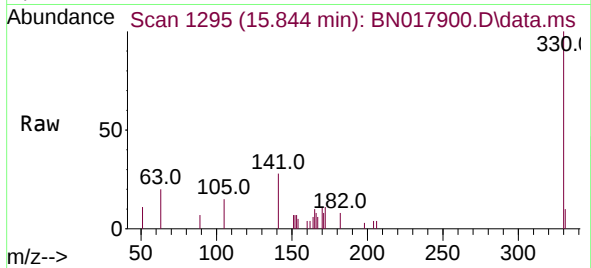




#14
 2,4,6-Tribromophenol
 Concen: 0.477 ng
 RT: 15.844 min Scan# 1295
 Delta R.T. 0.000 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07

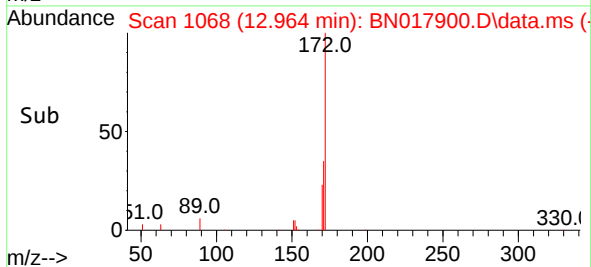
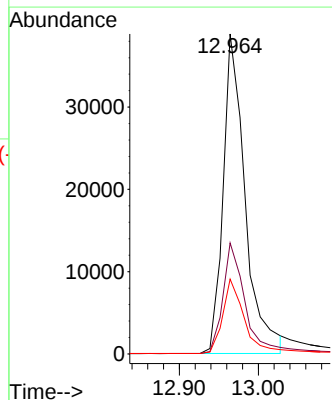
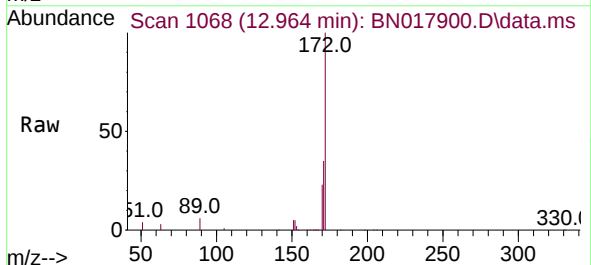
Instrument :
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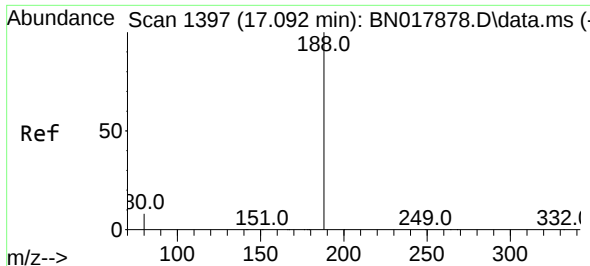
Tgt Ion: 330 Resp: 4897
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 30.6 19.7 29.5#



#15
 2-Fluorobiphenyl
 Concen: 0.345 ng
 RT: 12.964 min Scan# 1068
 Delta R.T. -0.000 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07

Tgt Ion: 172 Resp: 75201
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.3 42.5
 170 23.4 19.1 28.7

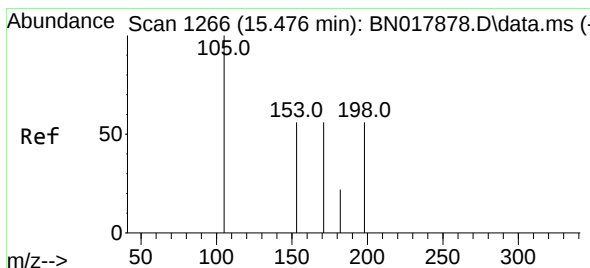
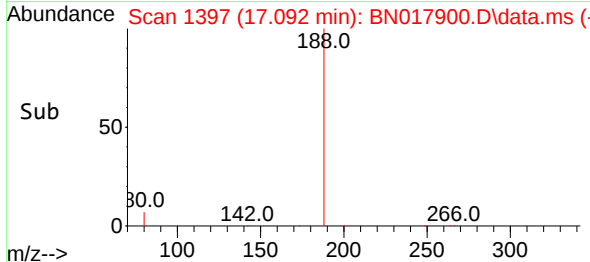
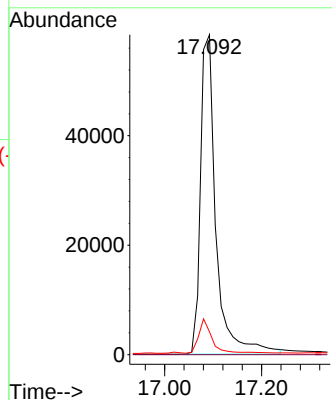
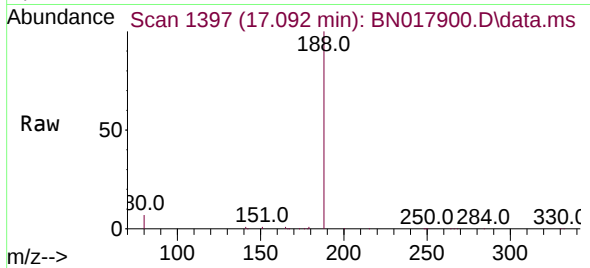




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

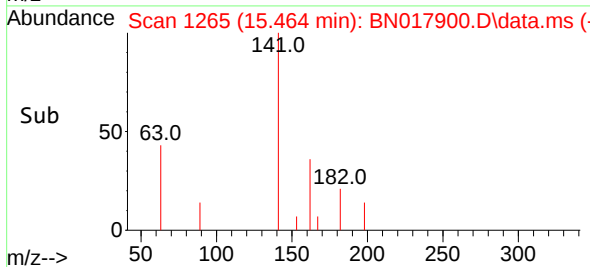
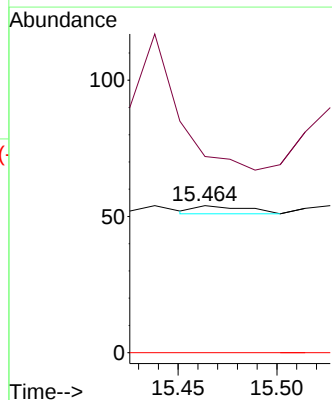
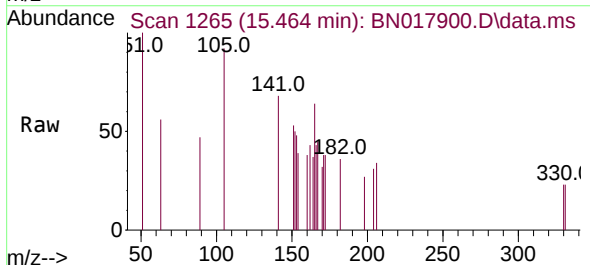
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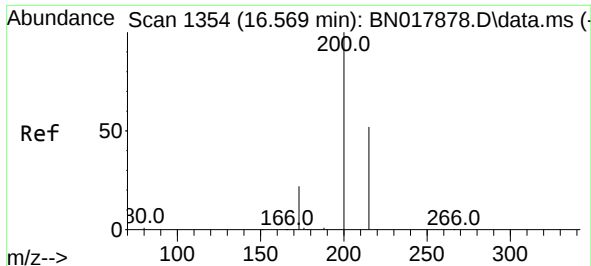
Tgt Ion:188 Resp: 129670
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.464 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 133.3 70.8 106.2#
77 0.0 0.0 0.0

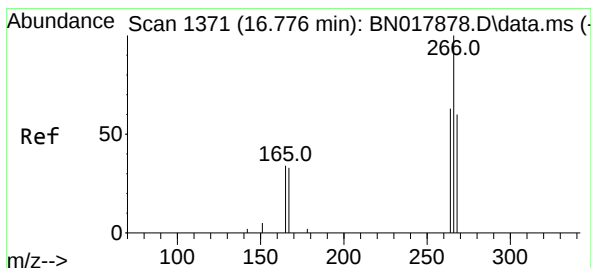
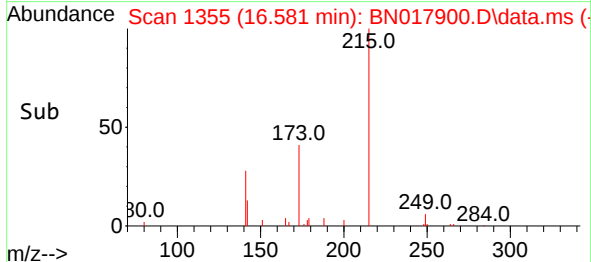
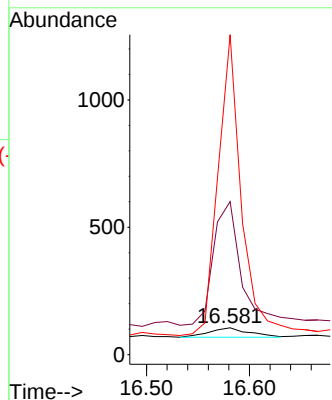
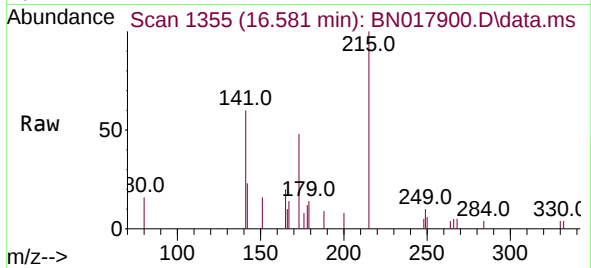




#23
 Atrazine
 Concen: 0.093 ng
 RT: 16.581 min Scan# 1355
 Delta R.T. 0.012 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07

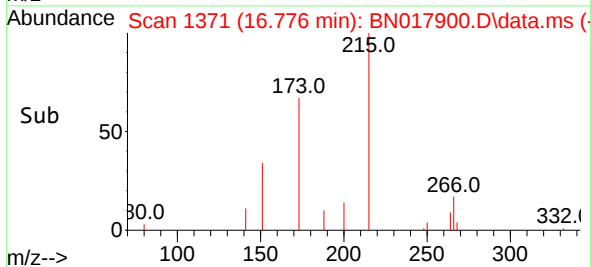
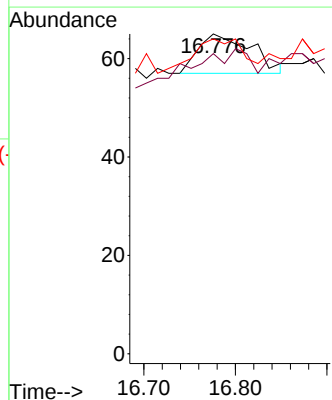
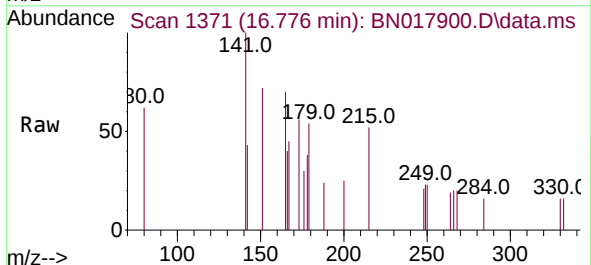
Instrument :
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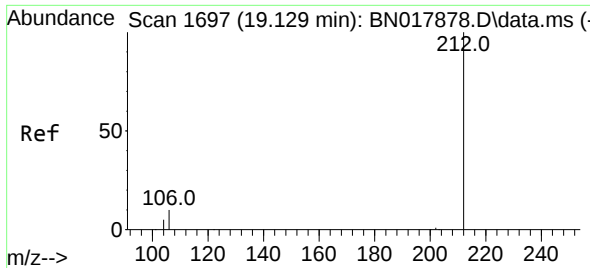
Tgt Ion:200 Resp: 101
 Ion Ratio Lower Upper
 200 100
 173 572.4 18.2 27.2#
 215 1196.2 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.099 ng
 RT: 16.776 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07

Tgt Ion:266 Resp: 32
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 62.5 53.7 80.5

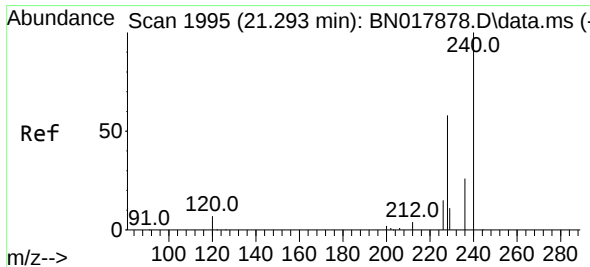
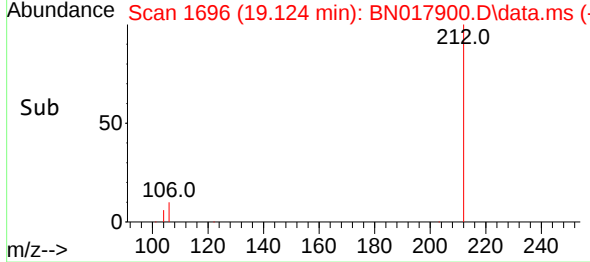
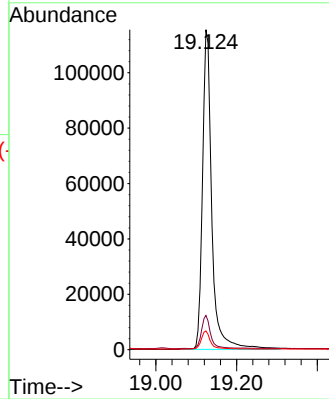
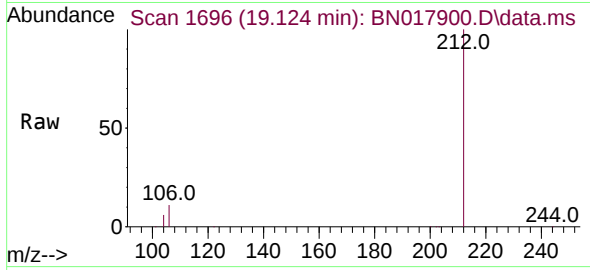




#27
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

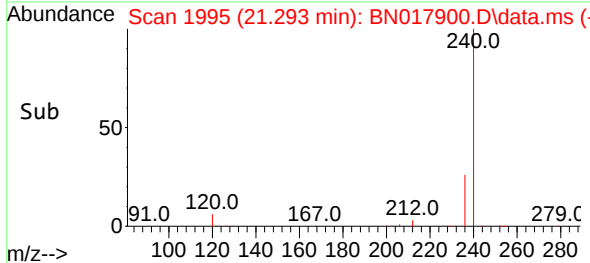
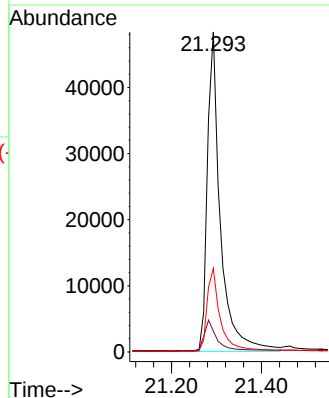
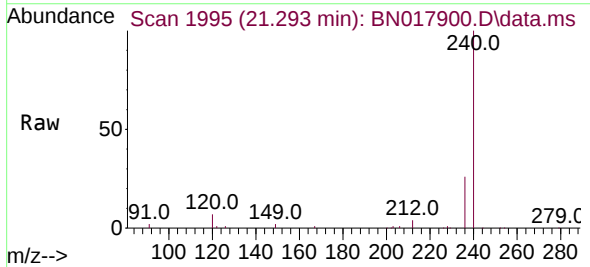
Instrument :
BNA_N
ClientSampleId :
MW203D-20211205

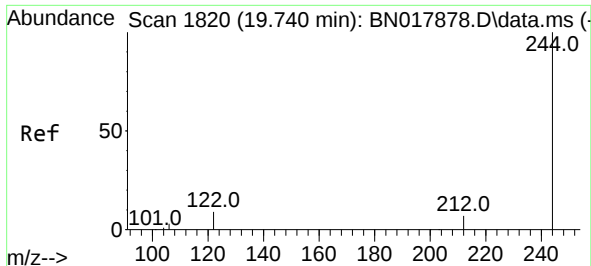
Tgt Ion:212 Resp: 185491
Ion Ratio Lower Upper
212 100
106 10.0 8.3 12.5
104 5.7 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

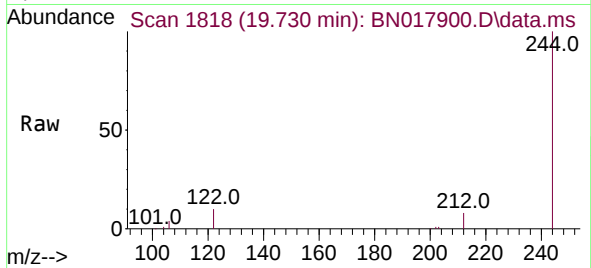
Tgt Ion:240 Resp: 96697
Ion Ratio Lower Upper
240 100
120 6.5 5.8 8.8
236 26.1 21.0 31.6



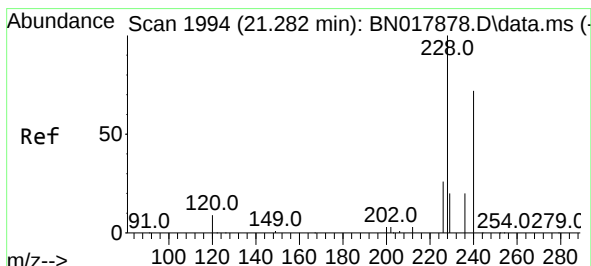
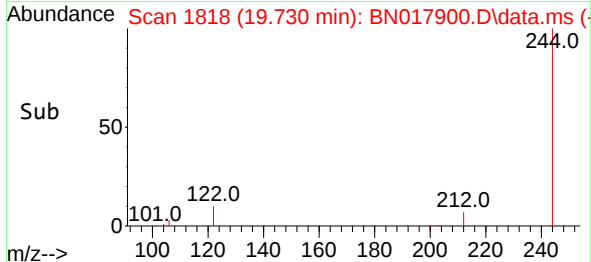
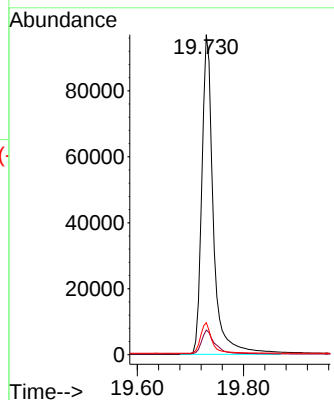


#31
 Terphenyl-d14
 Concen: 0.614 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20211205

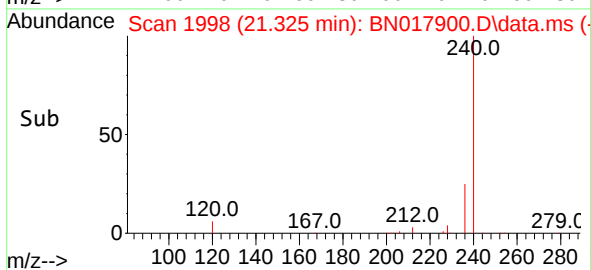
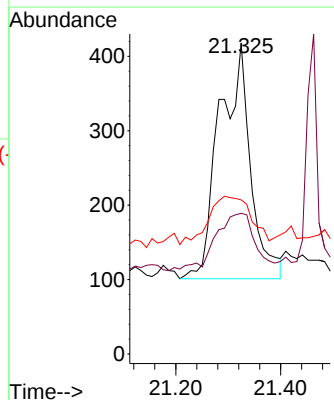
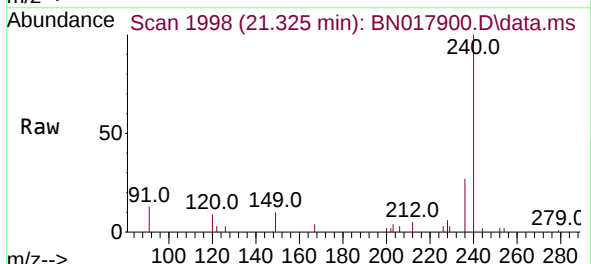


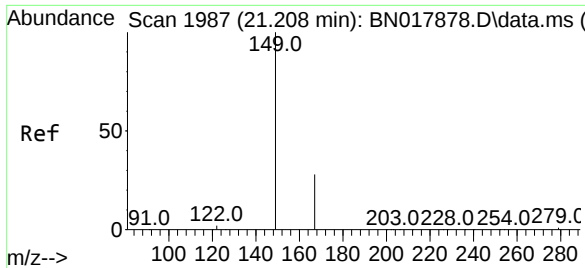
Tgt Ion:244 Resp: 146280
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.0 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.054 ng
 RT: 21.325 min Scan# 1998
 Delta R.T. 0.043 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07

Tgt Ion:228 Resp: 1306
 Ion Ratio Lower Upper
 228 100
 226 45.2 21.0 31.4#
 229 49.5 15.8 23.8#

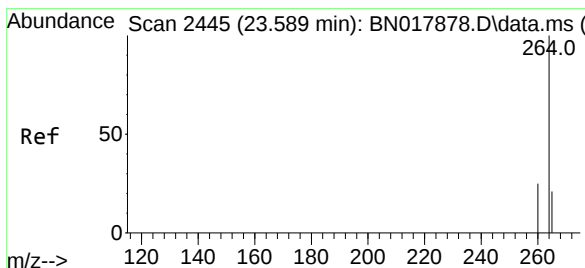
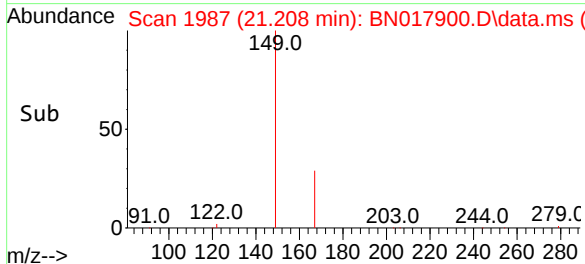
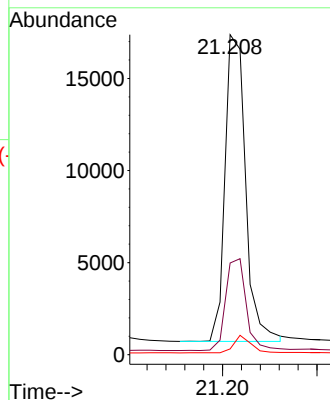
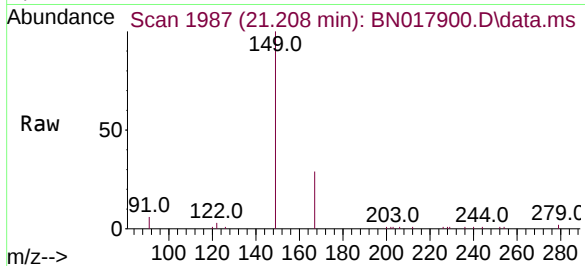




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.243 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07

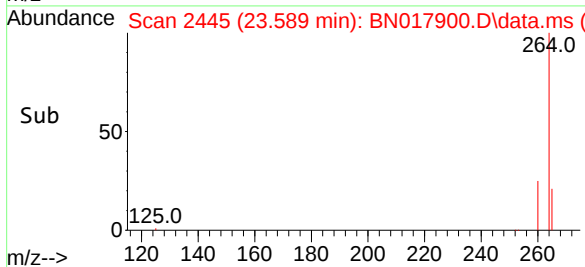
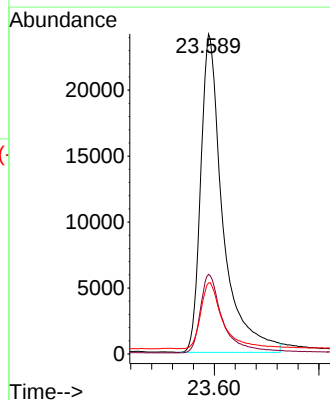
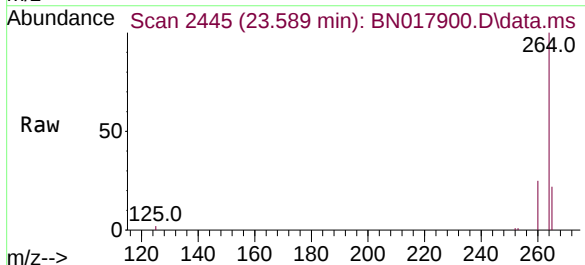
Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20211205

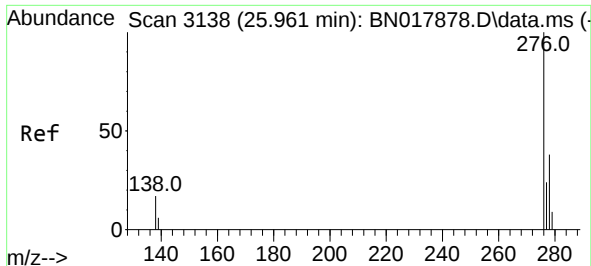
Tgt Ion:	149	Resp:	25178
Ion Ratio	Lower	Upper	
149	100		
167	30.0	23.4	35.0
279	4.9	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 2445
 Delta R.T. -0.000 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07

Tgt Ion:	264	Resp:	70736
Ion Ratio	Lower	Upper	
264	100		
260	24.9	20.2	30.4
265	22.2	18.2	27.4

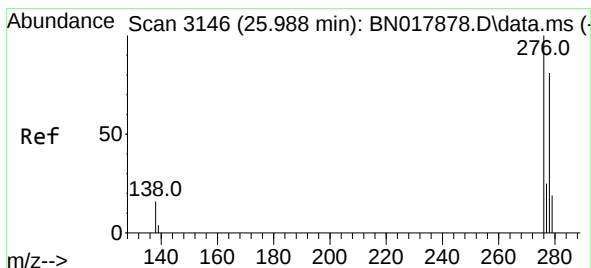
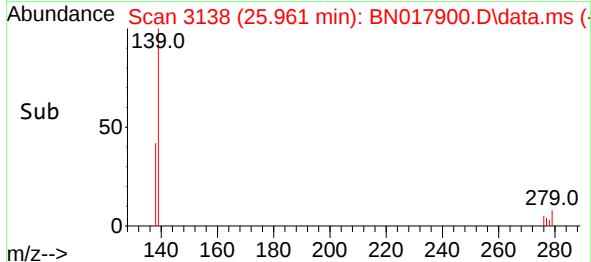
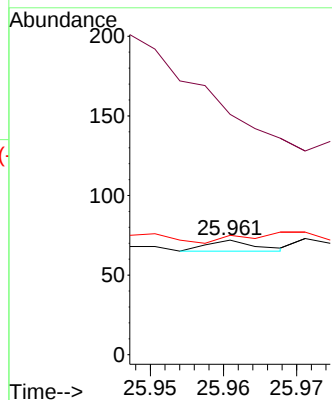
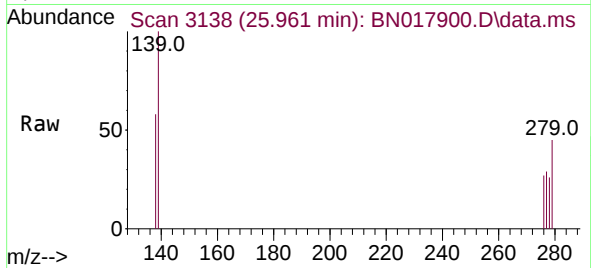




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.961 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

Instrument :
BNA_N
ClientSampleId :
MW203D-20211205

Tgt Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 0.0 15.2 22.8#
277 166.7 19.8 29.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 25.978 min Scan# 3143
Delta R.T. -0.010 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

Tgt Ion:278 Resp: 8
Ion Ratio Lower Upper
278 100
139 284.5 12.0 18.0#
279 162.0 20.8 31.2#

