

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017859.D
 Acq On : 10 Dec 2021 07:43
 Operator : CG/JU
 Sample : M4923-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-8-20211201

Quant Time: Dec 11 00:34:36 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)

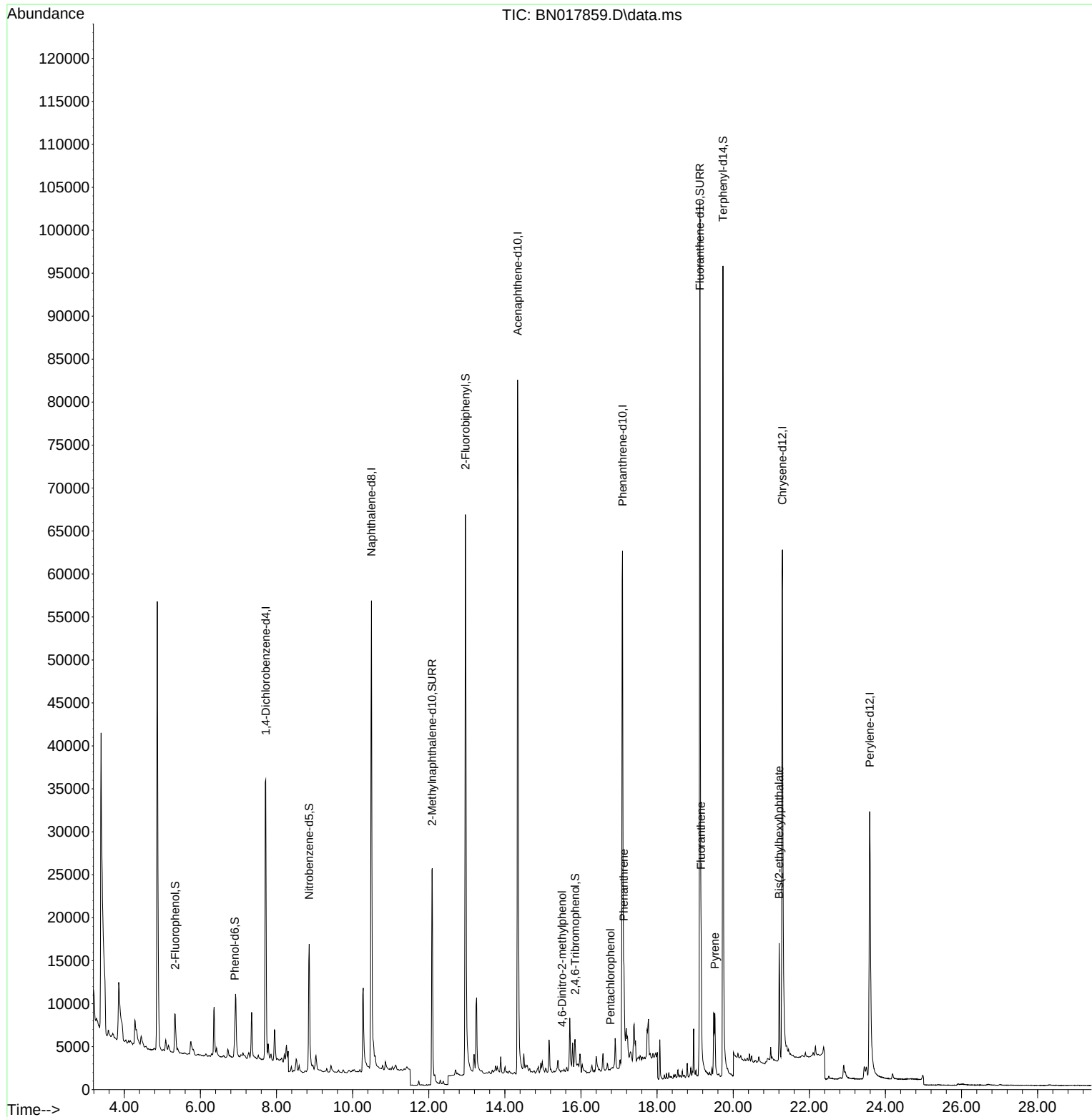
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20163	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	82948	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	56245	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	112396	0.400	ng	0.00
29) Chrysene-d12	21.293	240	91394	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	61285	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5551	0.114	ng	0.00
5) Phenol-d6	6.903	99	3240	0.070	ng	0.00
8) Nitrobenzene-d5	8.859	82	16683	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	41657	0.252	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4673	0.159	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	66110	0.321	ng	0.00
27) Fluoranthene-d10	19.124	212	144385	0.384	ng	0.00
31) Terphenyl-d14	19.730	244	124075	0.632	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.502	198	5	0.085	ng	# 20
24) Pentachlorophenol	16.776	266	10	0.280	ng	# 37
25) Phenanthrene	17.129	178	10515	0.036	ng	# 92
28) Fluoranthene	19.154	202	10590	0.029	ng	100
30) Pyrene	19.517	202	7137	0.025	ng	98
34) Bis(2-ethylhexyl)phtha...	21.208	149	14016	0.110	ng	100

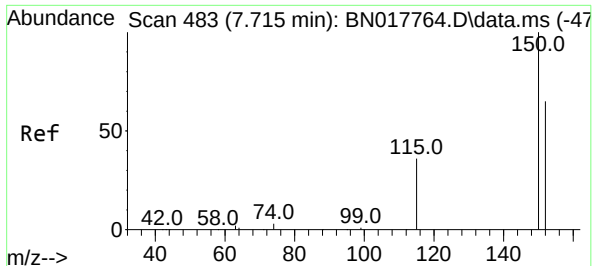
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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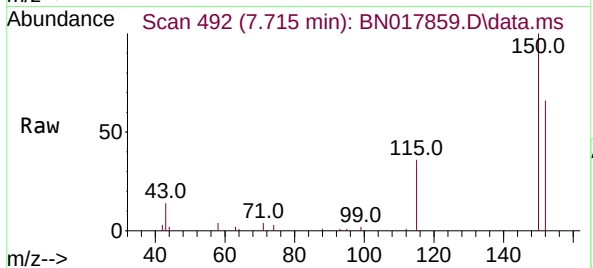
Quant Time: Dec 11 00:34:36 2021
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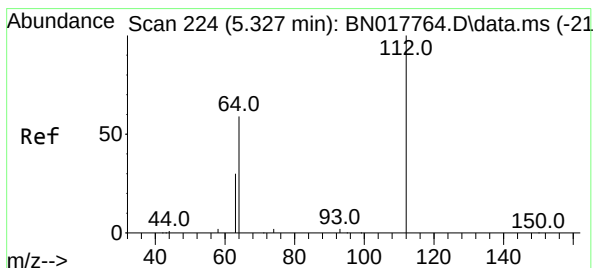
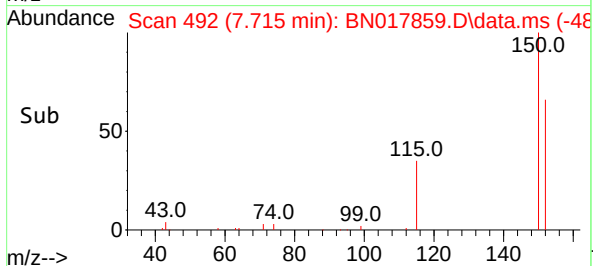
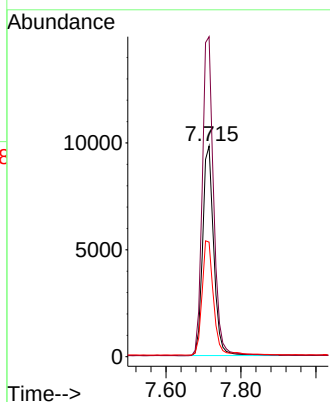


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20211201

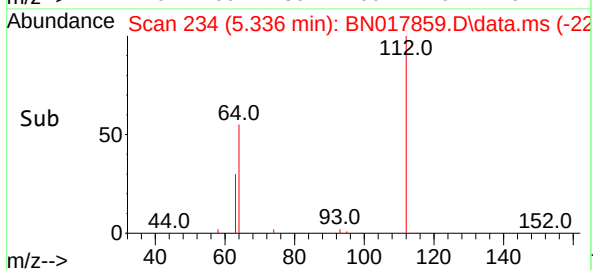
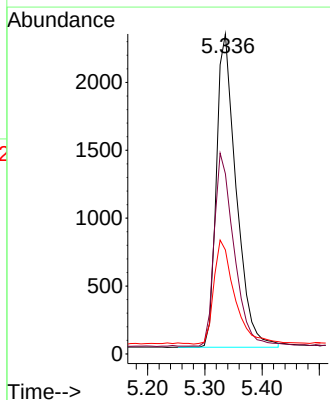
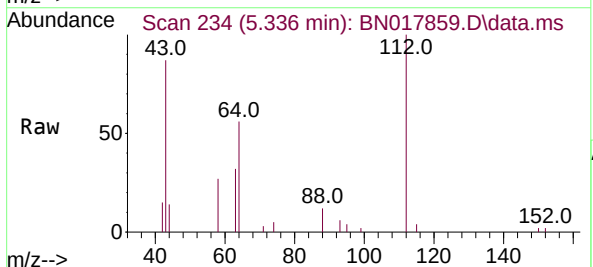


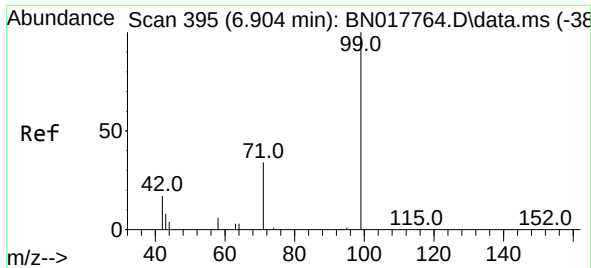
Tgt Ion:152 Resp: 20163
Ion Ratio Lower Upper
152 100
150 152.0 123.0 184.4
115 54.4 45.3 67.9



#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.336 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

Tgt Ion:112 Resp: 5551
Ion Ratio Lower Upper
112 100
64 61.7 49.3 73.9
63 34.7 25.8 38.8

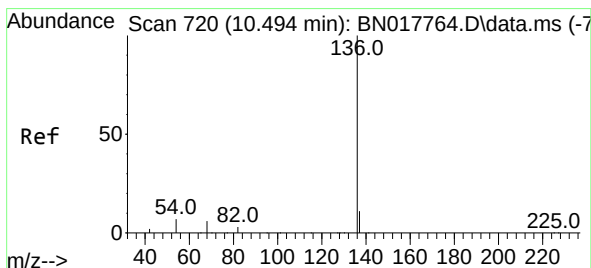
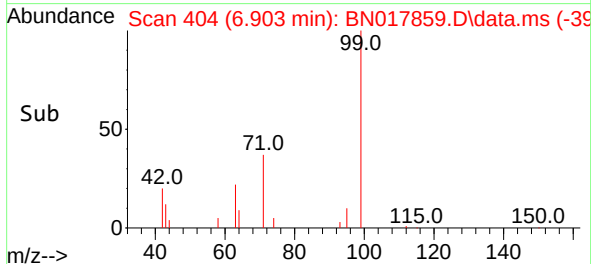
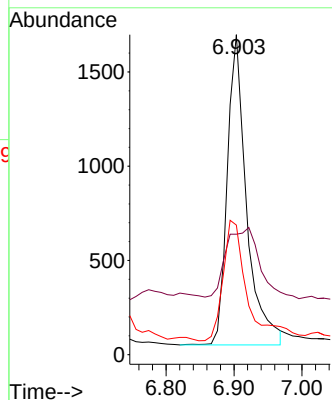
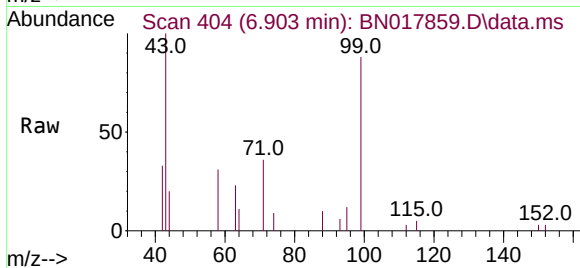




#5
Phenol-d6
Concen: 0.070 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

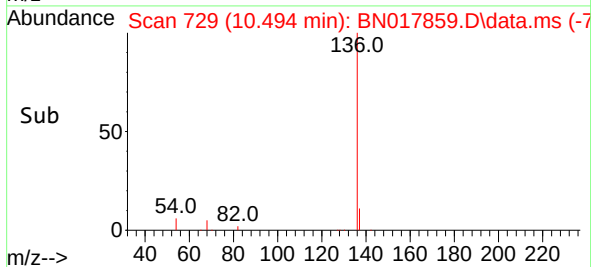
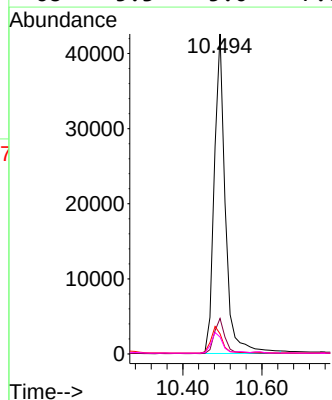
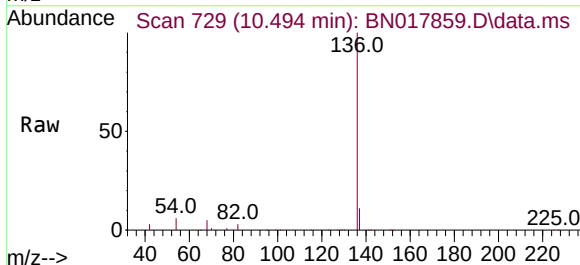
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20211201

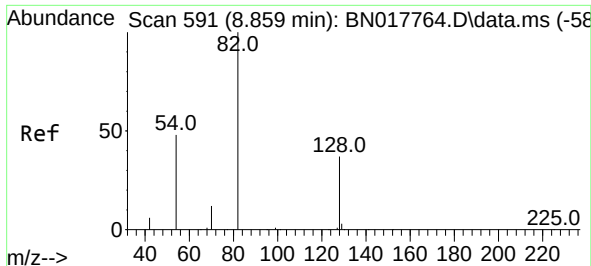
Tgt Ion: 99 Resp: 3240
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 46.9 29.0 43.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

Tgt Ion: 136 Resp: 82948
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.3 5.9 8.9
68 5.3 5.0 7.6

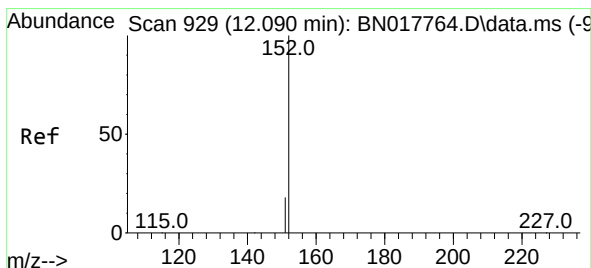
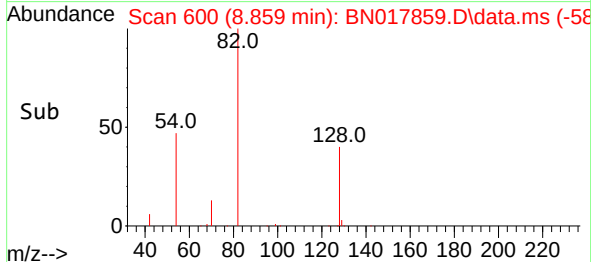
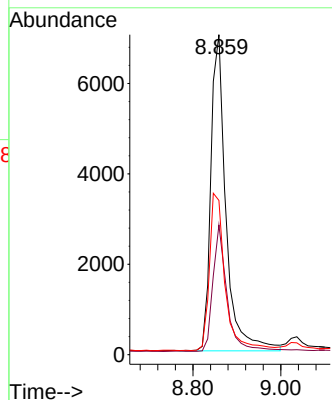
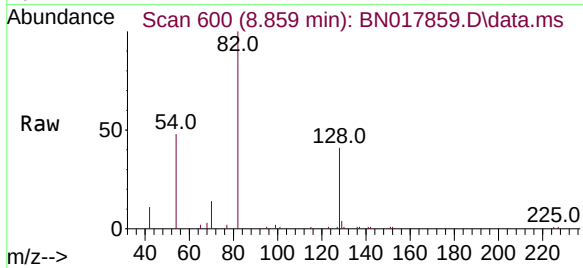




#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.859 min Scan# 601
Delta R.T. -0.000 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

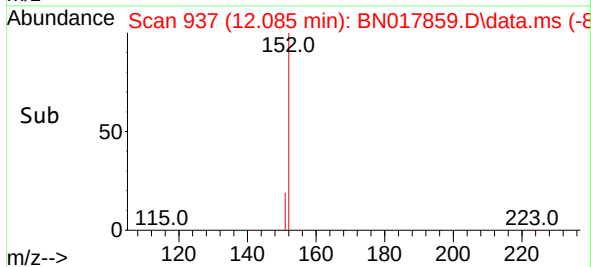
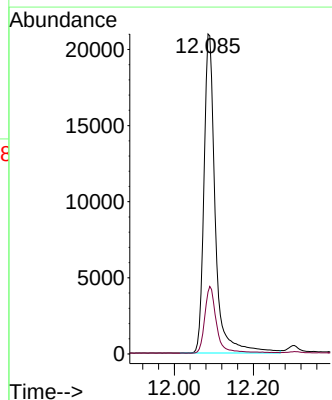
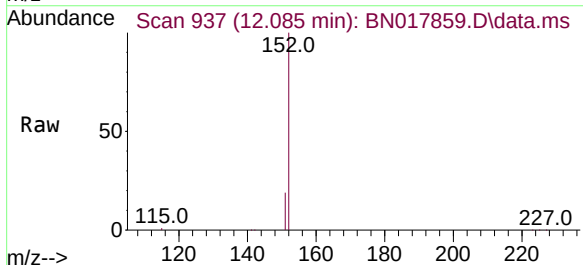
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20211201

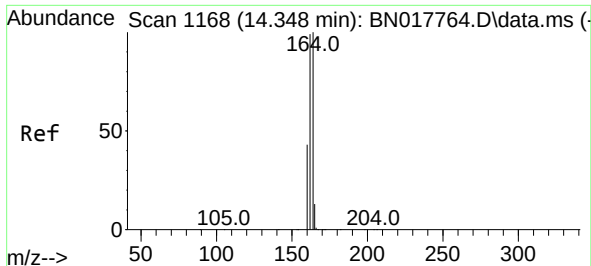
Tgt Ion: 82 Resp: 16683
Ion Ratio Lower Upper
82 100
128 40.6 30.2 45.2
54 48.2 39.0 58.6



#11
2-Methylnaphthalene-d10
Concen: 0.252 ng
RT: 12.085 min Scan# 937
Delta R.T. -0.005 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

Tgt Ion: 152 Resp: 41657
Ion Ratio Lower Upper
152 100
151 21.4 16.4 24.6

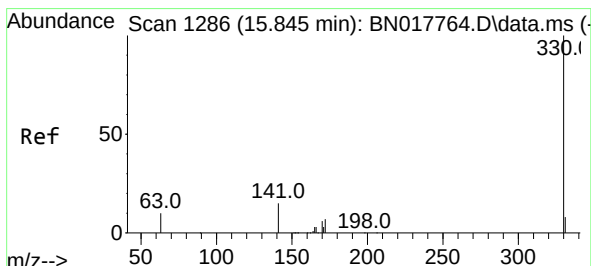
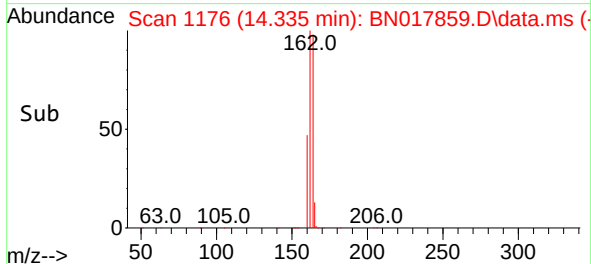
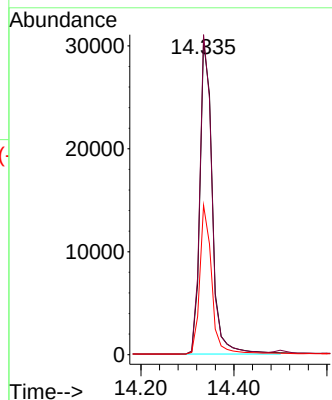
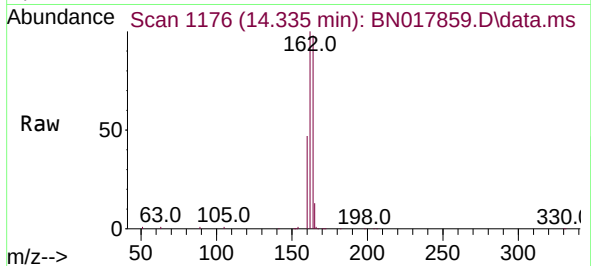




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1168
Delta R.T. -0.013 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

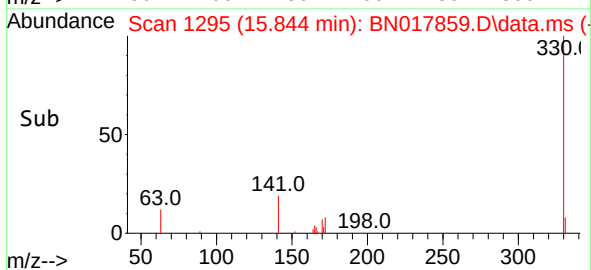
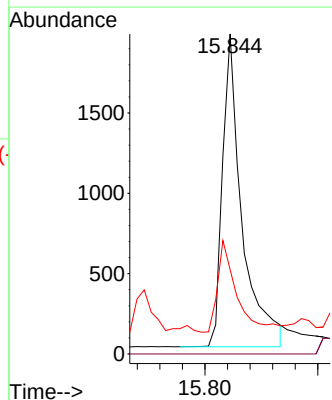
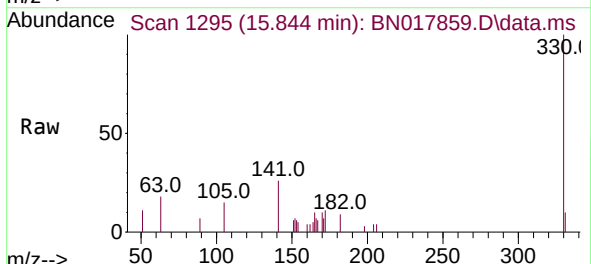
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20211201

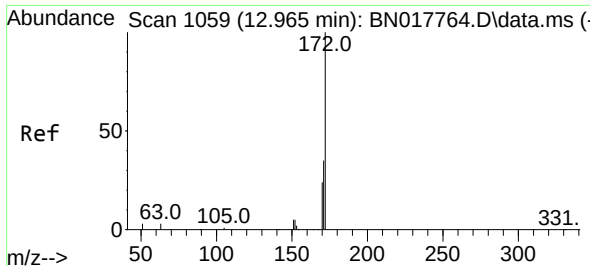
Tgt Ion:164 Resp: 56245
Ion Ratio Lower Upper
164 100
162 102.0 79.0 118.6
160 47.6 34.6 52.0



#14
2,4,6-Tribromophenol
Concen: 0.159 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

Tgt Ion:330 Resp: 4673
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.9 21.5 32.3

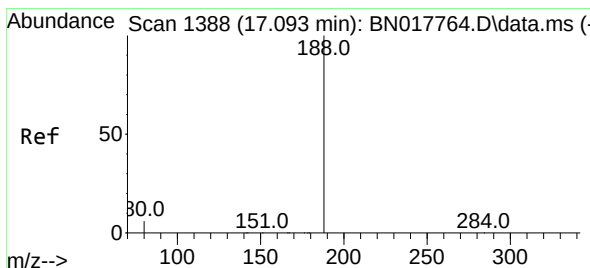
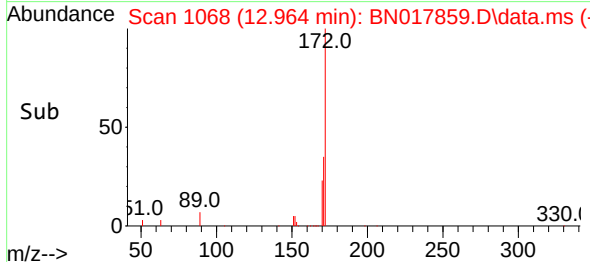
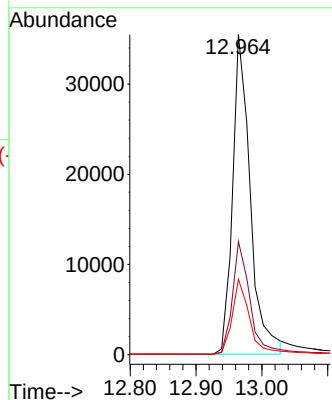
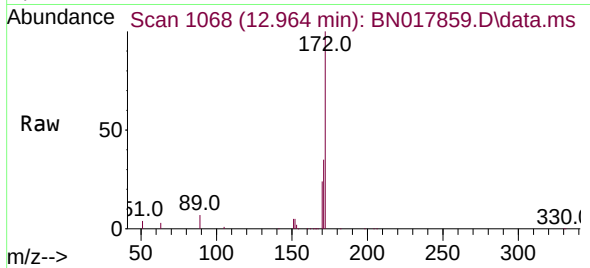




#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

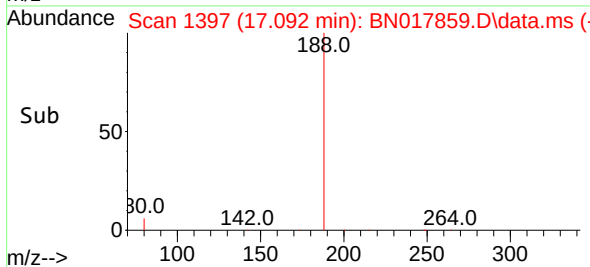
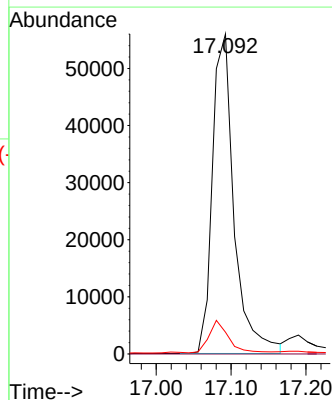
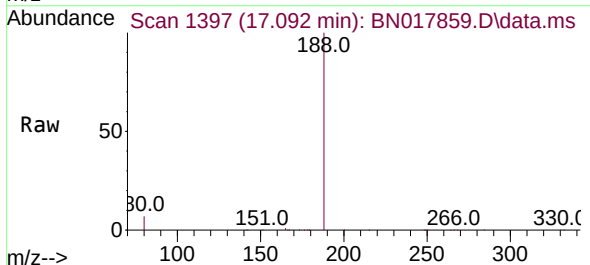
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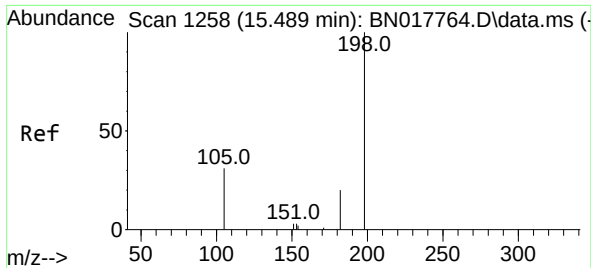
Tgt Ion:172 Resp: 66110
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

Tgt Ion:188 Resp: 112396
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 5.1 7.7

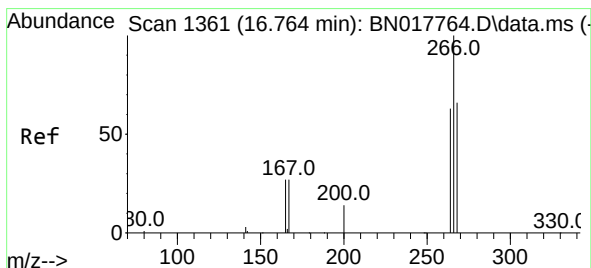
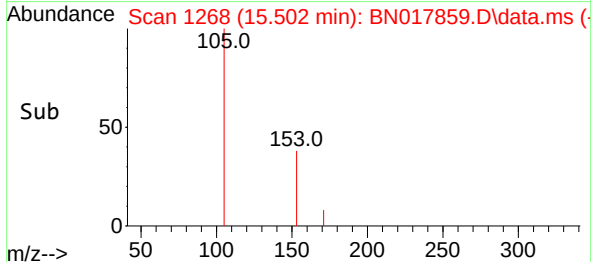
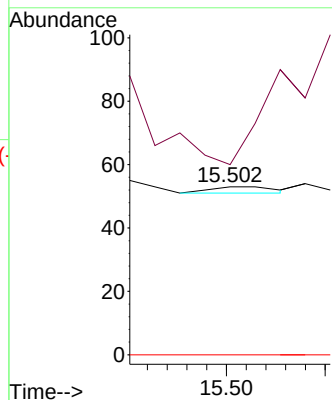
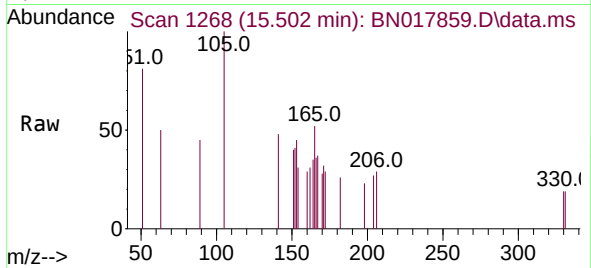




#20
4,6-Dinitro-2-methylphenol
Concen: 0.085 ng
RT: 15.502 min Scan# 1370
Delta R.T. 0.013 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

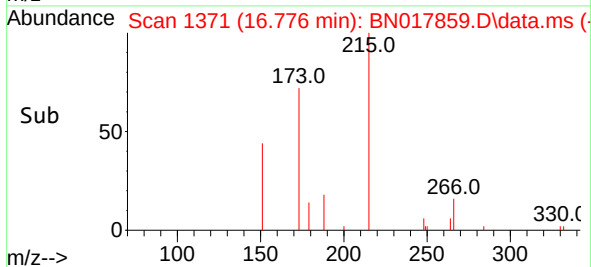
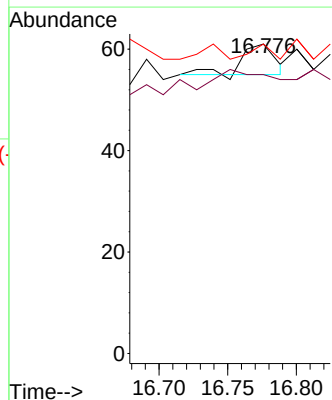
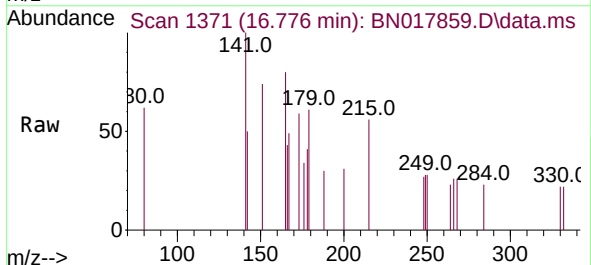
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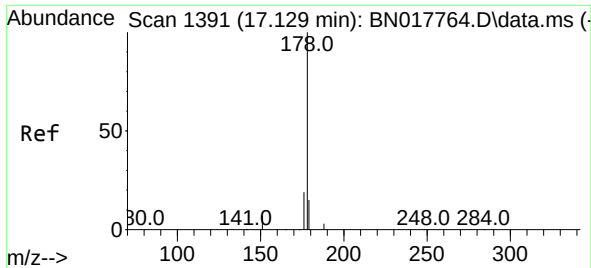
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 113.2 44.2 66.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.280 ng
RT: 16.776 min Scan# 1371
Delta R.T. 0.012 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

Tgt Ion:266 Resp: 10
Ion Ratio Lower Upper
266 100
264 0.0 50.8 76.2#
268 30.0 51.8 77.6#

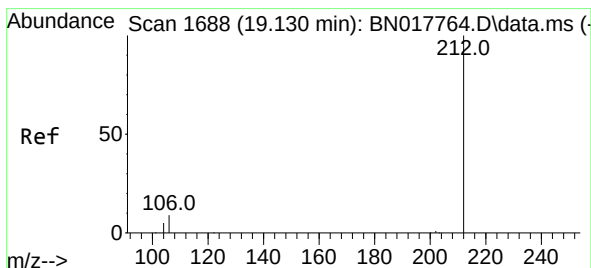
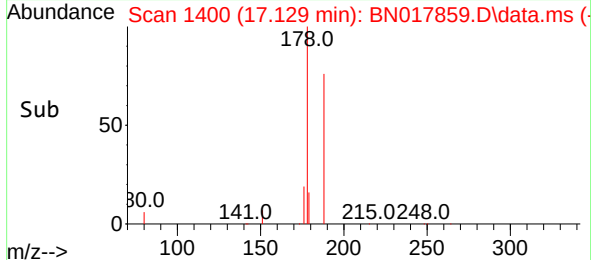
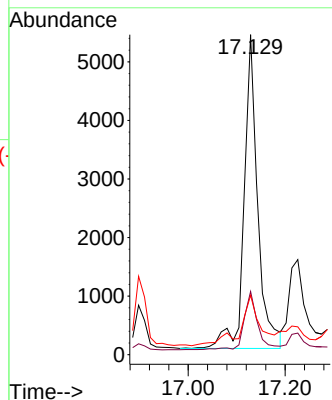
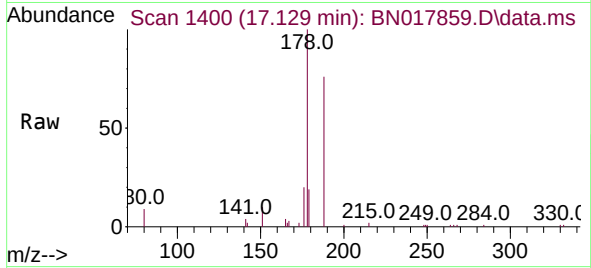




#25
Phenanthrene
Concen: 0.036 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

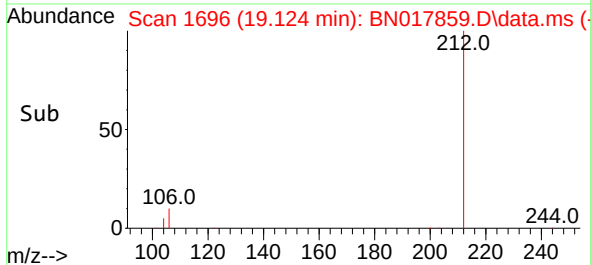
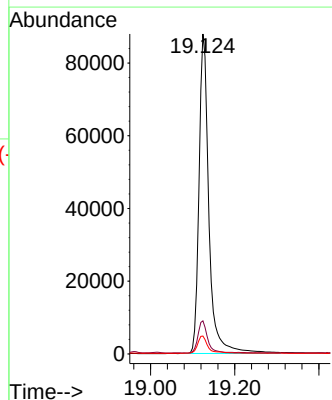
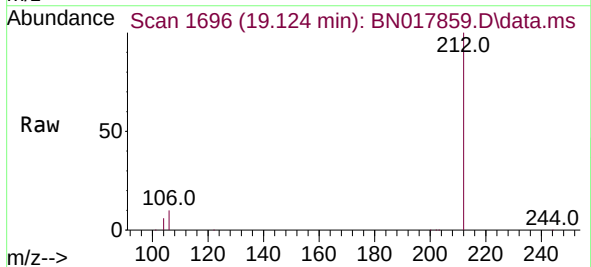
Instrument :
BNA_N
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BPOW1-8-20211201

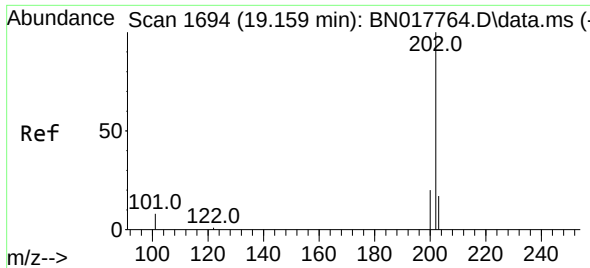
Tgt Ion:178 Resp: 10515
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 22.7 12.5 18.7#



#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

Tgt Ion:212 Resp: 144385
Ion Ratio Lower Upper
212 100
106 9.7 8.2 12.2
104 5.7 4.6 6.8

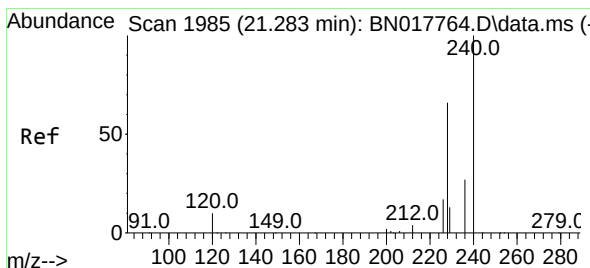
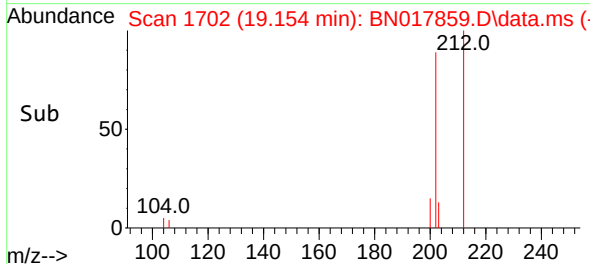
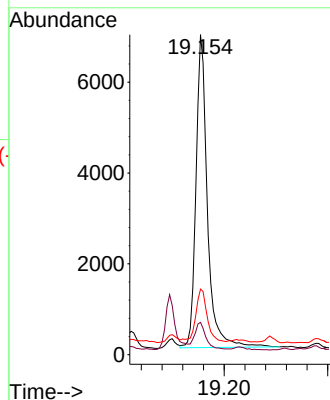
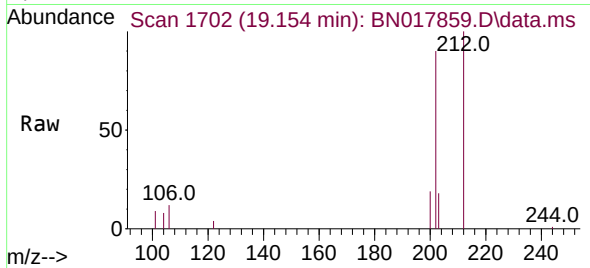




#28
Fluoranthene
Concen: 0.029 ng
RT: 19.154 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

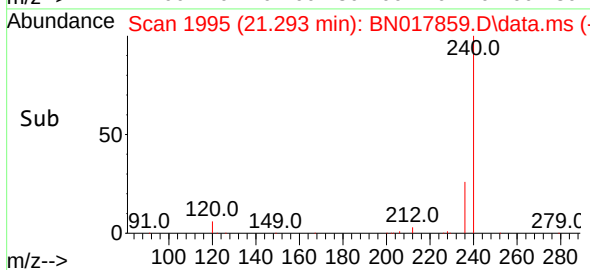
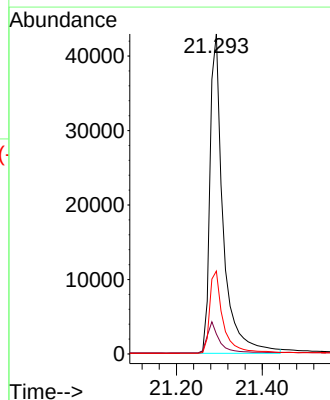
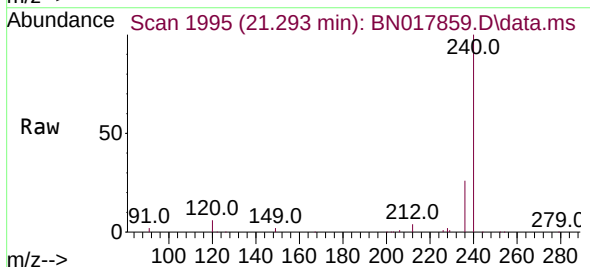
Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20211201

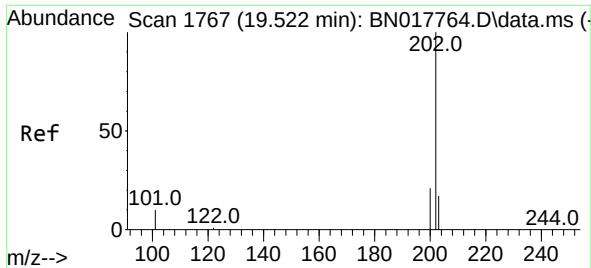
Tgt Ion:202 Resp: 10590
Ion Ratio Lower Upper
202 100
101 9.0 7.2 10.8
203 17.1 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

Tgt Ion:240 Resp: 91394
Ion Ratio Lower Upper
240 100
120 6.3 7.9 11.9#
236 25.9 21.4 32.2

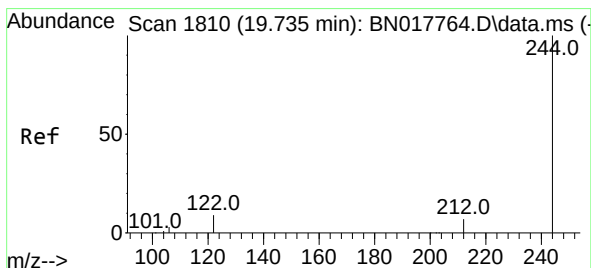
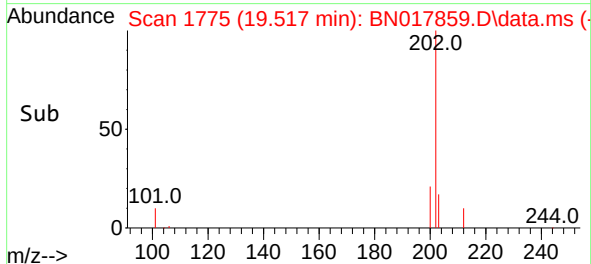
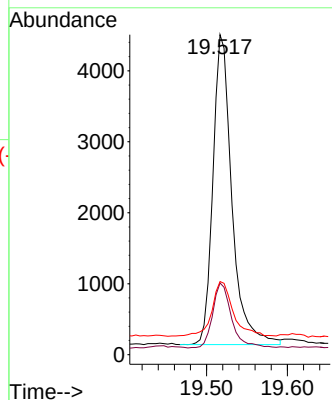
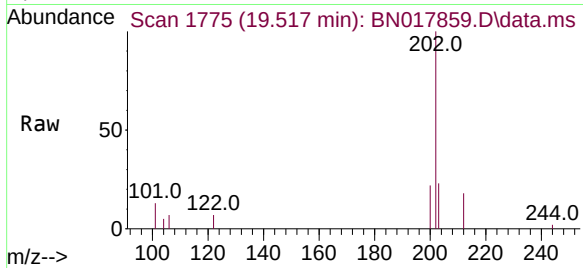




#30
 Pyrene
 Concen: 0.025 ng
 RT: 19.517 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN017859.D
 Acq: 10 Dec 2021 07:43

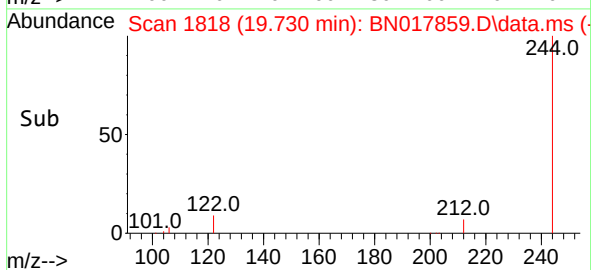
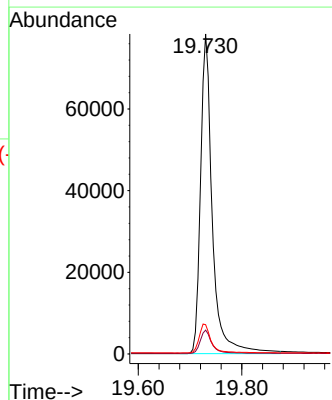
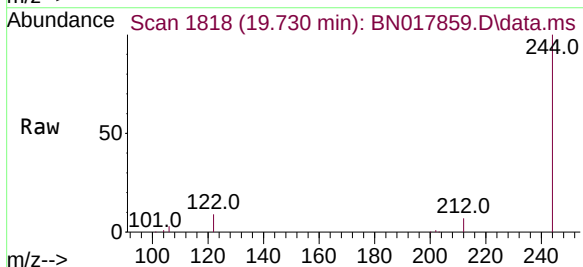
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-8-20211201

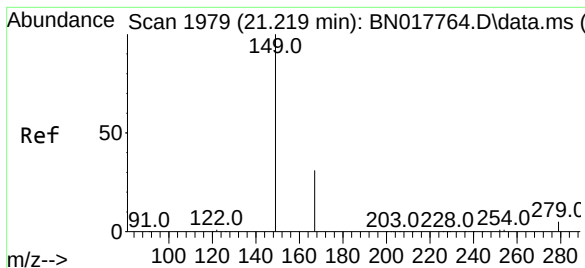
Tgt Ion:202 Resp: 7137
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.5 24.7
 203 19.3 14.0 21.0



#31
 Terphenyl-d14
 Concen: 0.632 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.005 min
 Lab File: BN017859.D
 Acq: 10 Dec 2021 07:43

Tgt Ion:244 Resp: 124075
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 9.2 7.1 10.7

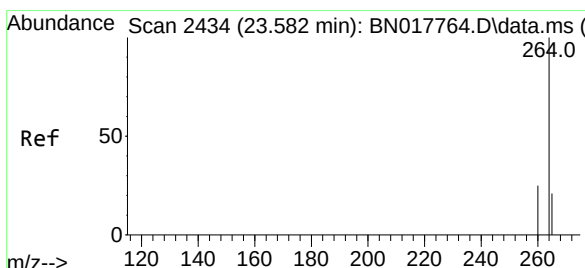
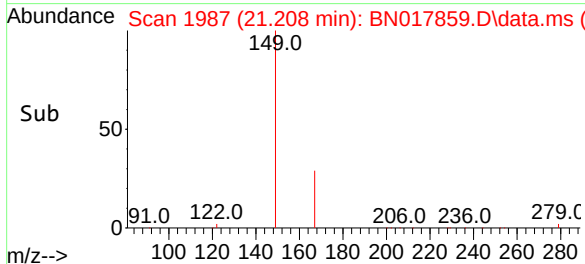
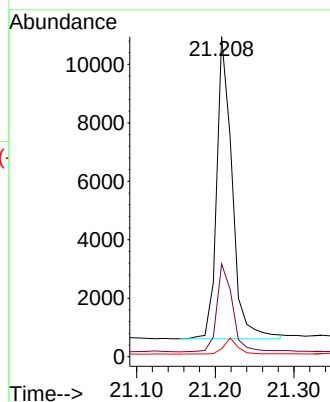
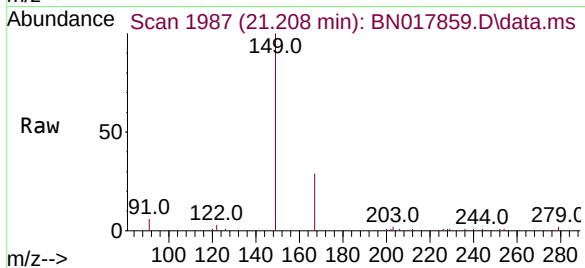




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.110 ng
RT: 21.208 min Scan# 1979
Delta R.T. -0.011 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

Instrument :
BNA_N
ClientSampleId :
BPOW1-8-20211201

Tgt Ion:	149	Resp:	14016
Ion Ratio	Lower	Upper	
149	100		
167	29.5	23.5	35.3
279	4.8	3.8	5.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2445
Delta R.T. 0.007 min
Lab File: BN017859.D
Acq: 10 Dec 2021 07:43

Tgt Ion:	264	Resp:	61285
Ion Ratio	Lower	Upper	
264	100		
260	24.9	20.0	30.0
265	23.1	20.5	30.7

