

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017863.D
 Acq On : 10 Dec 2021 10:07
 Operator : CG/JU
 Sample : M4923-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20211201

Quant Time: Dec 11 00:35:08 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)

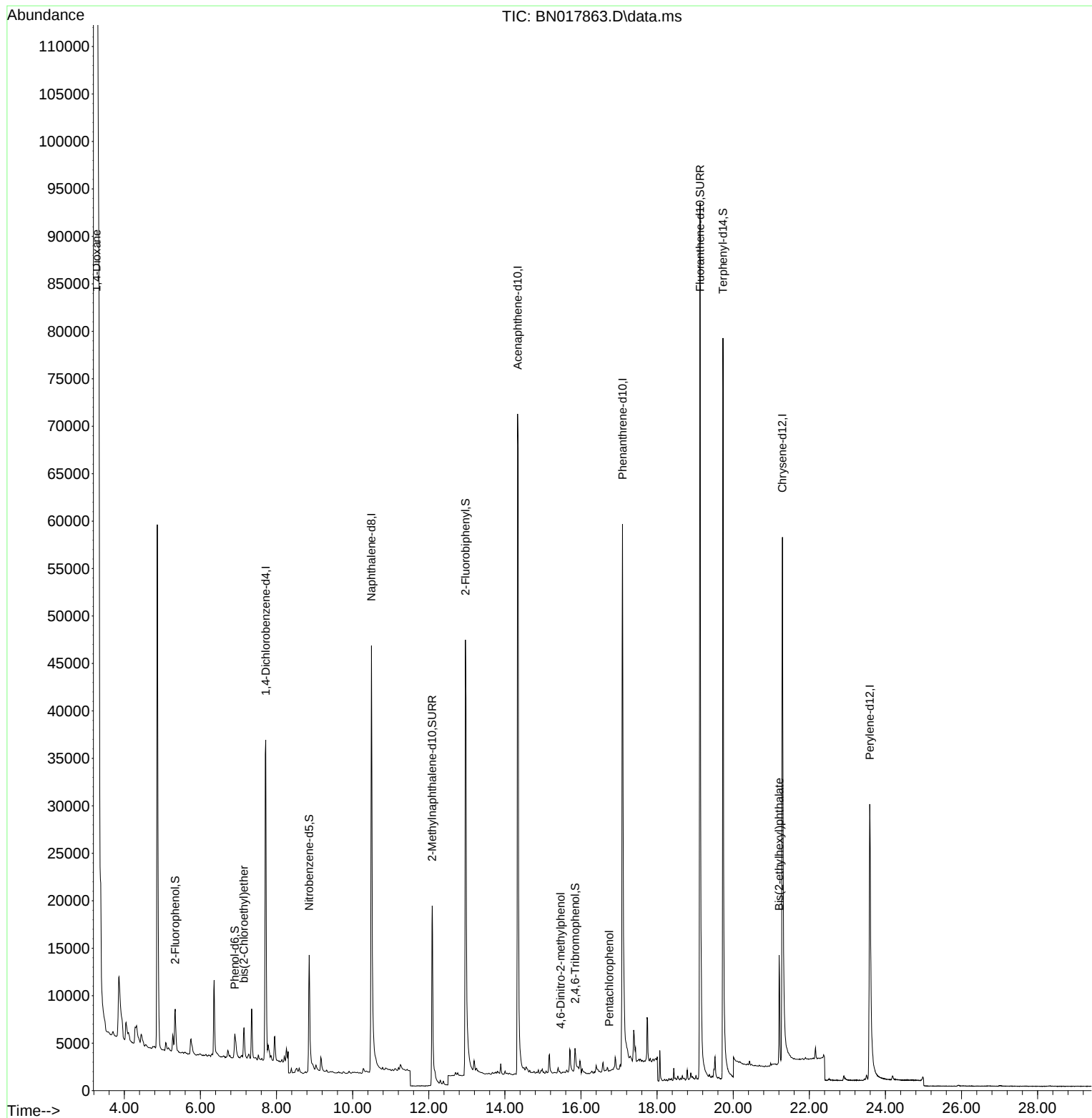
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20768	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	79753	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	55438	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	117589	0.400	ng	0.00
29) Chrysene-d12	21.293	240	91394	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	60195	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5303	0.106	ng	0.00
5) Phenol-d6	6.903	99	2690	0.057	ng	0.00
8) Nitrobenzene-d5	8.859	82	14830	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	37056	0.233	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3427	0.118	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	55542	0.274	ng	0.00
27) Fluoranthene-d10	19.129	212	145486	0.370	ng	0.00
31) Terphenyl-d14	19.730	244	113707	0.579	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	87718	11.474	ng	# 100
6) bis(2-Chloroethyl)ether	7.143	93	2917	0.054	ng	100
20) 4,6-Dinitro-2-methylph...	15.464	198	4	0.084	ng	# 1
24) Pentachlorophenol	16.739	266	11	0.280	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.208	149	12347	0.097	ng	100

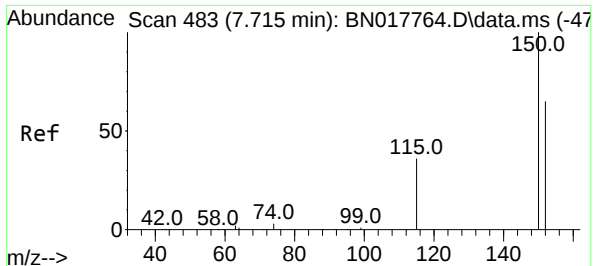
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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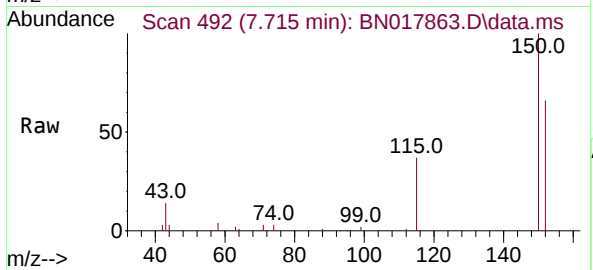
Quant Time: Dec 11 00:35:08 2021
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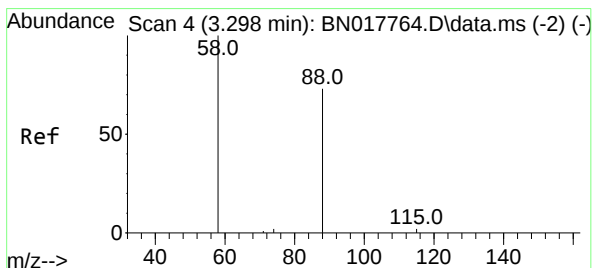
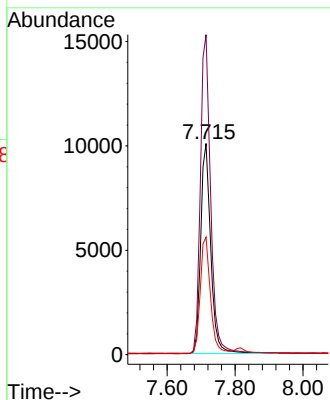
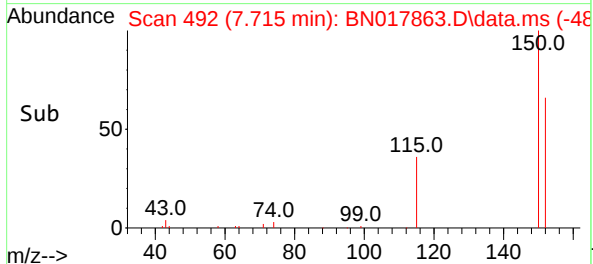


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

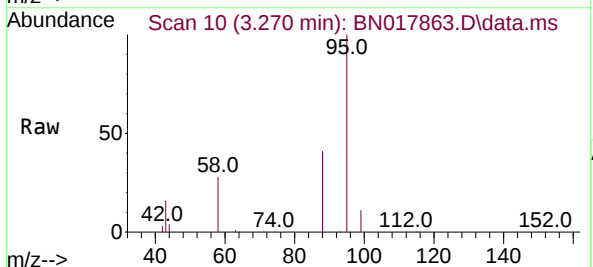
Instrument :
BNA_N
ClientSampleId :
TT101D1-20211201



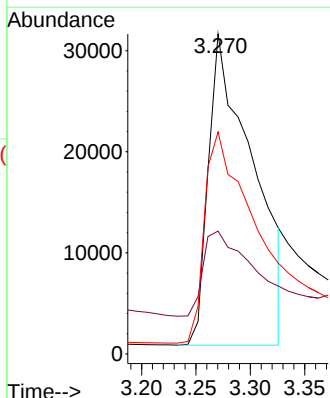
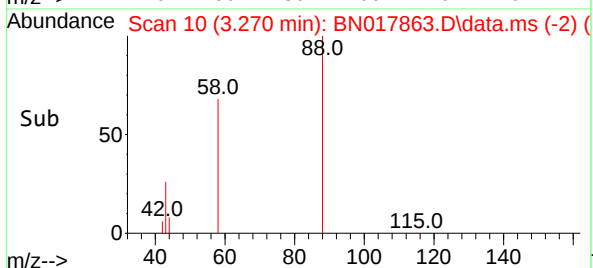
Tgt Ion:152 Resp: 20768
Ion Ratio Lower Upper
152 100
150 151.5 123.0 184.4
115 55.7 45.3 67.9

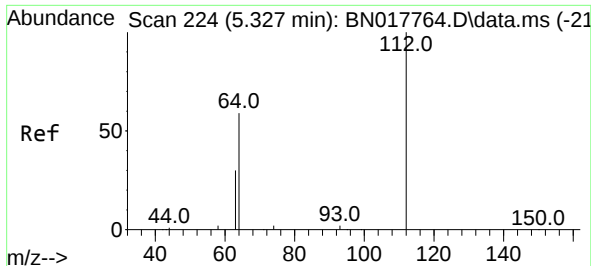


#2
1,4-Dioxane
Concen: 11.474 ng
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07



Tgt Ion: 88 Resp: 87718
Ion Ratio Lower Upper
88 100
43 30.1 0.0 0.0#
58 73.6 0.0 0.0#

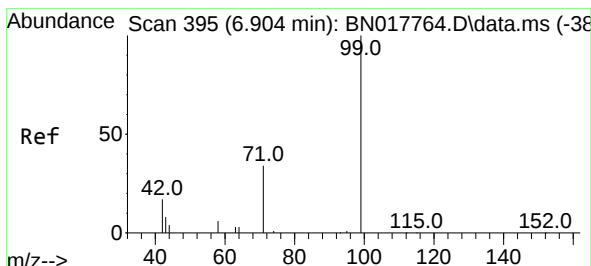
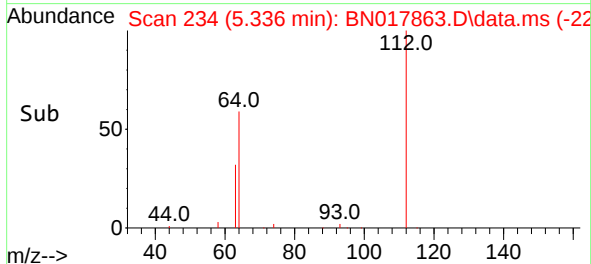
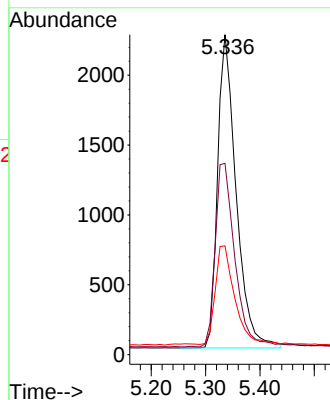
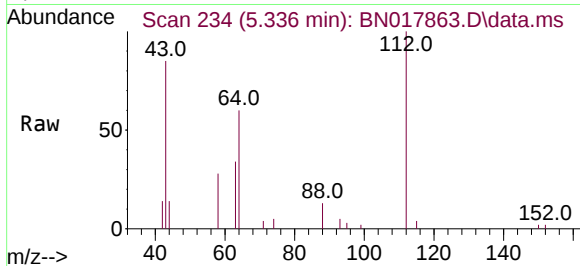




#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

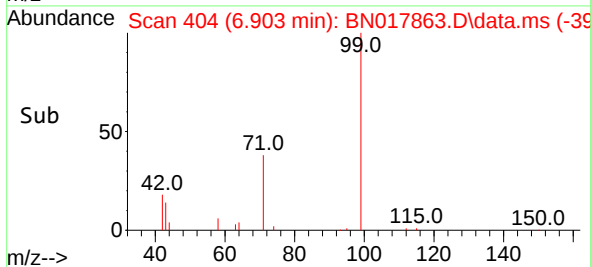
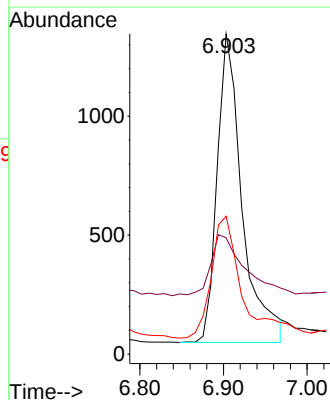
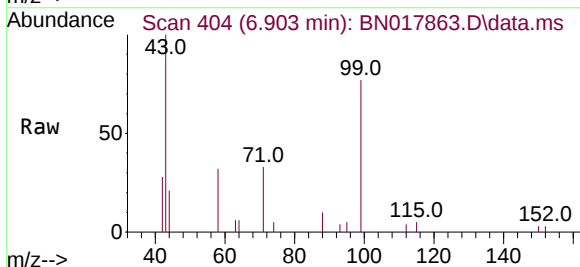
Instrument :
BNA_N
ClientSampleId :
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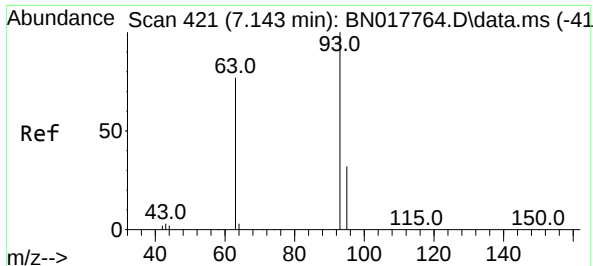
Tgt Ion:112 Resp: 5303
Ion Ratio Lower Upper
112 100
64 61.7 49.3 73.9
63 33.1 25.8 38.8



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

Tgt Ion: 99 Resp: 2690
Ion Ratio Lower Upper
99 100
42 26.8 16.6 25.0#
71 47.0 29.0 43.4#

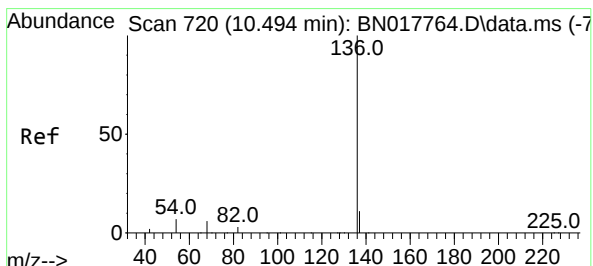
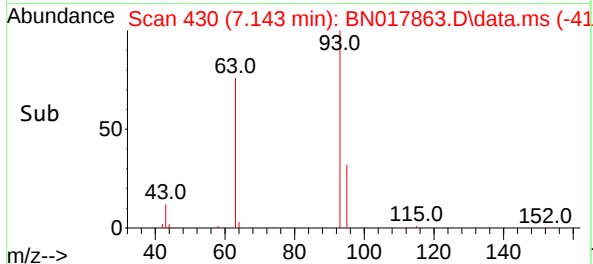
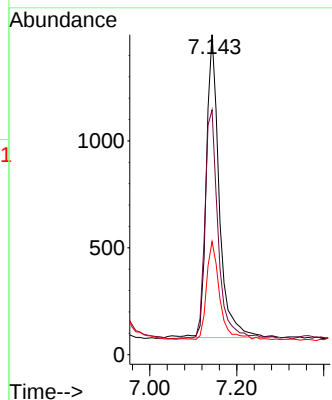
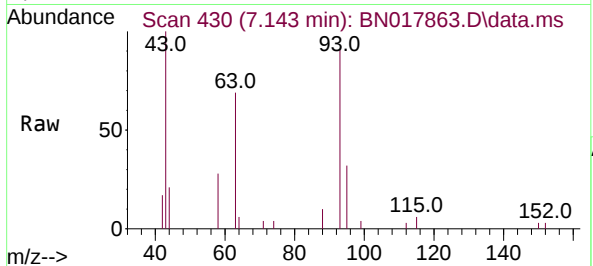




#6
bis(2-Chloroethyl)ether
Concen: 0.054 ng
RT: 7.143 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

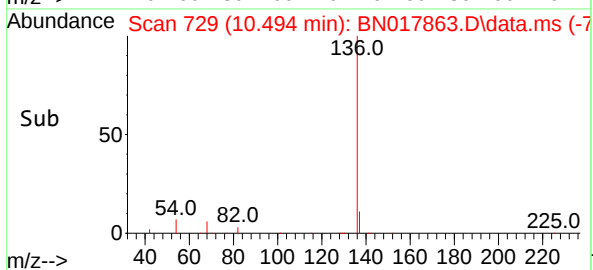
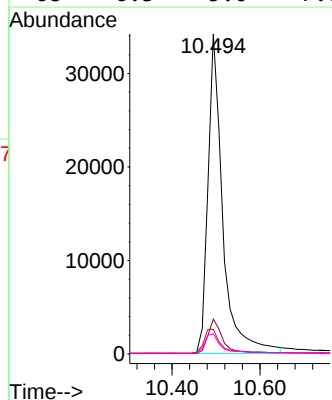
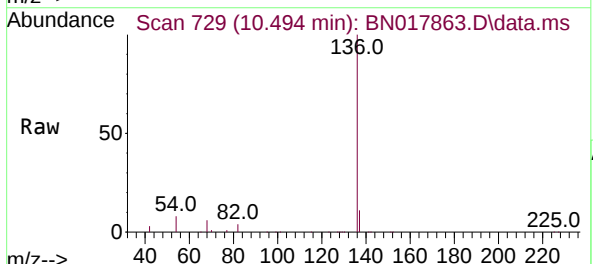
Instrument :
BNA_N
ClientSampleId :
TT101D1-20211201

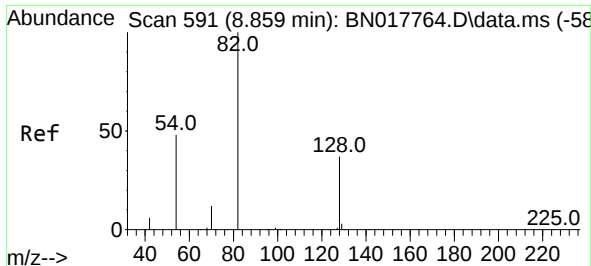
Tgt Ion: 93	Resp: 2917		
Ion Ratio	Lower	Upper	
93	100		
63	77.3	62.0	93.0
95	33.3	26.4	39.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

Tgt	Ion:136	Resp:	79753
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	5.9	8.9
68	6.3	5.0	7.6

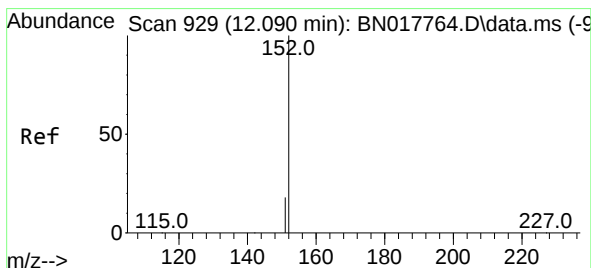
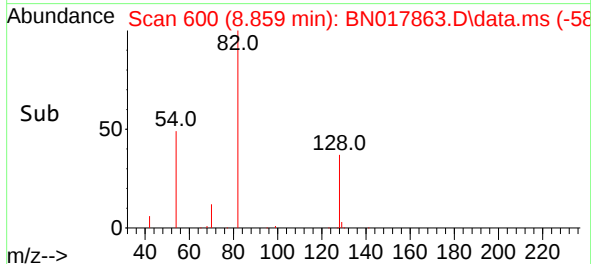
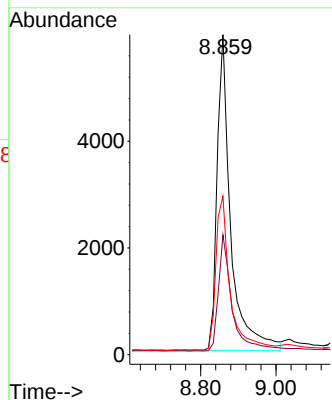
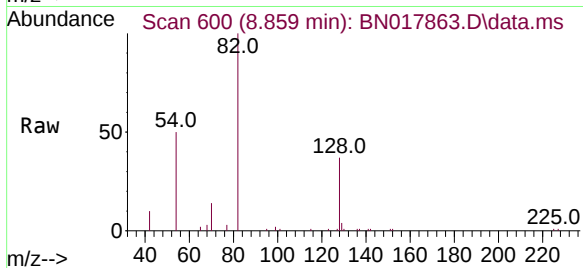




#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.859 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

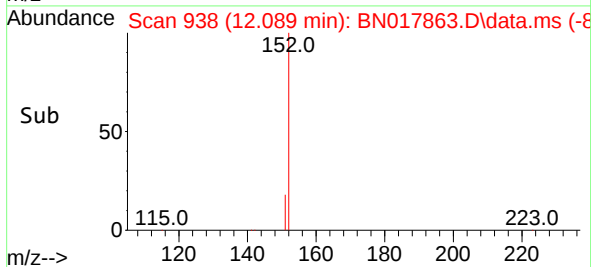
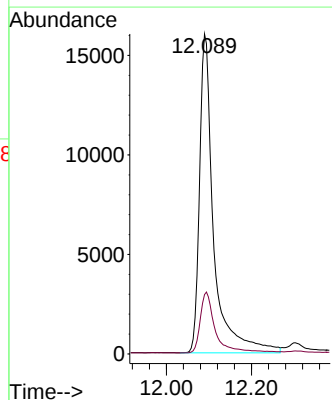
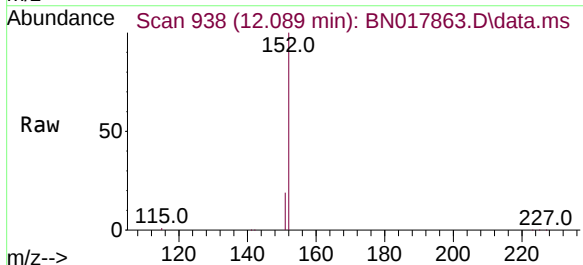
Instrument :
BNA_N
ClientSampleId :
TT101D1-20211201

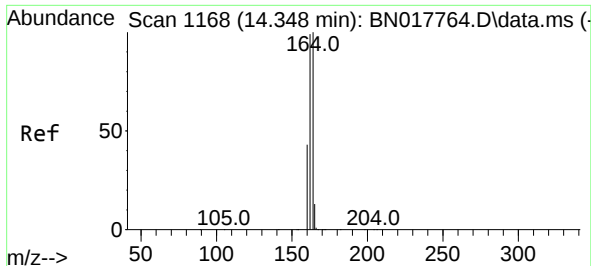
Tgt Ion: 82 Resp: 14830
Ion Ratio Lower Upper
82 100
128 37.5 30.2 45.2
54 49.6 39.0 58.6



#11
2-Methylnaphthalene-d10
Concen: 0.233 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

Tgt Ion: 152 Resp: 37056
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6

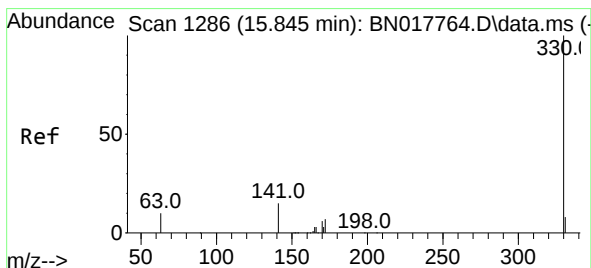
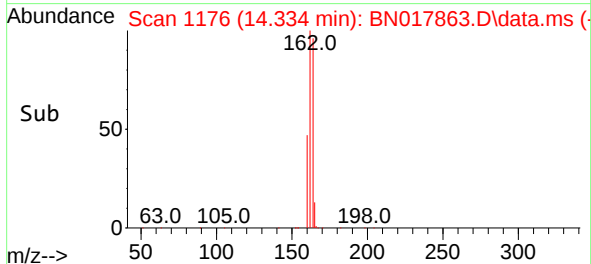
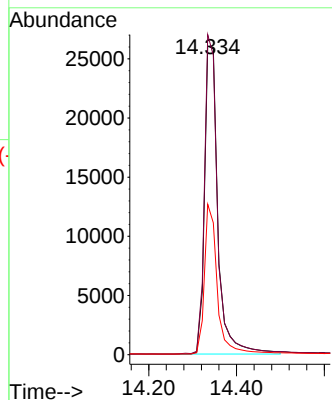
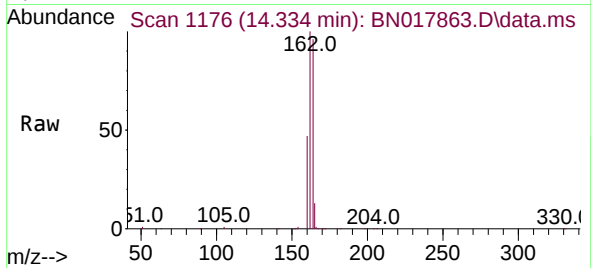




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.013 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

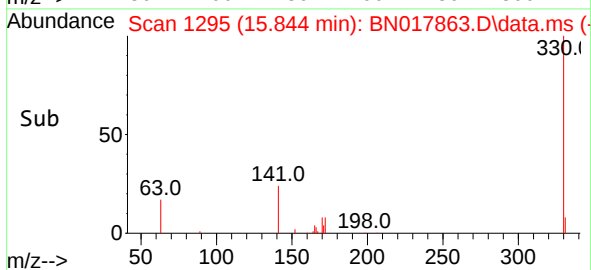
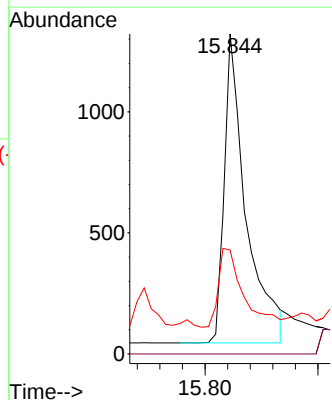
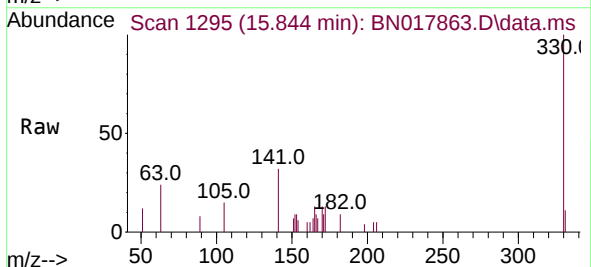
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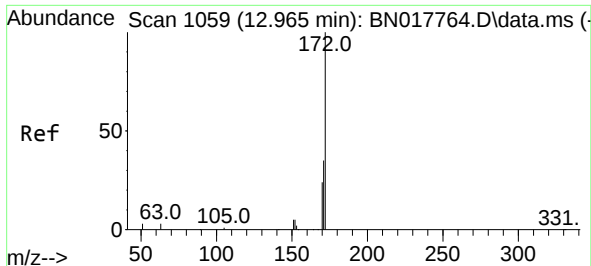
Tgt Ion:164 Resp: 55438
Ion Ratio Lower Upper
164 100
162 103.6 79.0 118.6
160 48.7 34.6 52.0



#14
2,4,6-Tribromophenol
Concen: 0.118 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

Tgt Ion:330 Resp: 3427
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.3 21.5 32.3

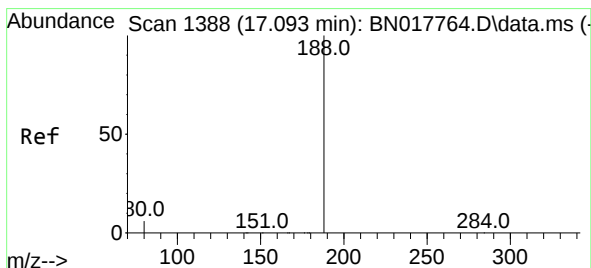
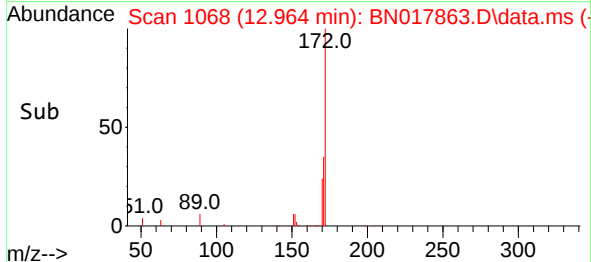
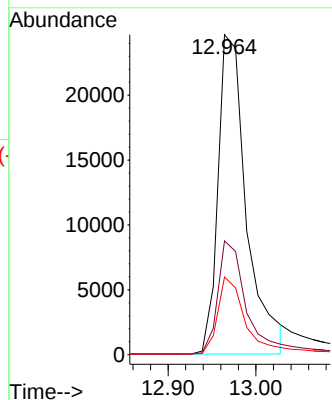
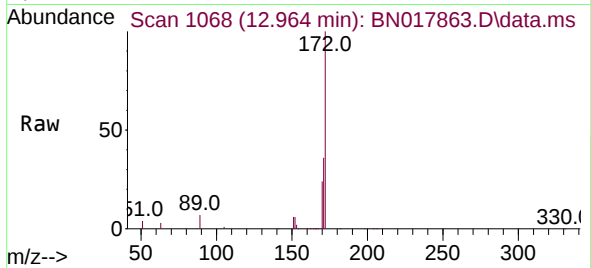




#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

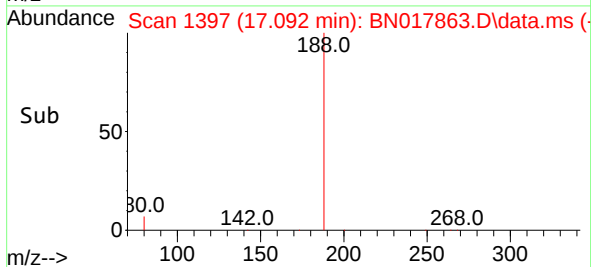
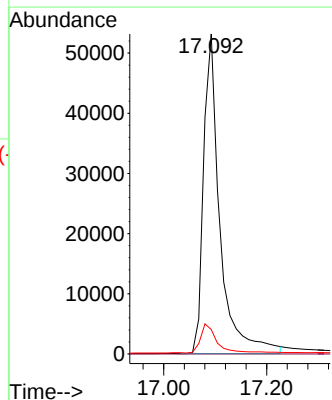
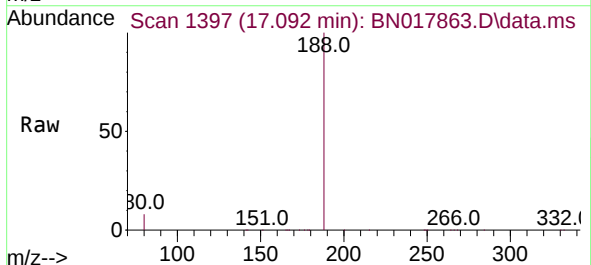
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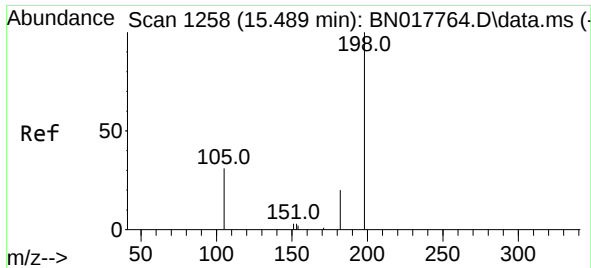
Tgt Ion:172	Resp:	55542
Ion Ratio	Lower	Upper
172	100	
171	35.5	28.1 42.1
170	24.3	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

Tgt Ion:188	Resp:	117589
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.7	5.1 7.7

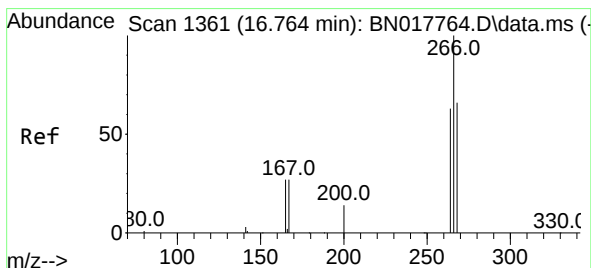
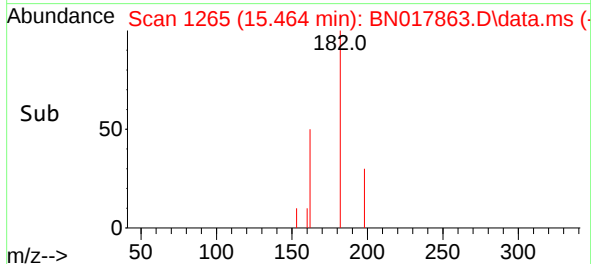
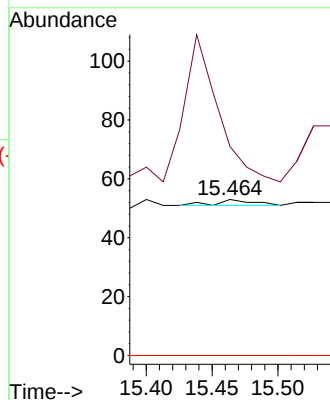
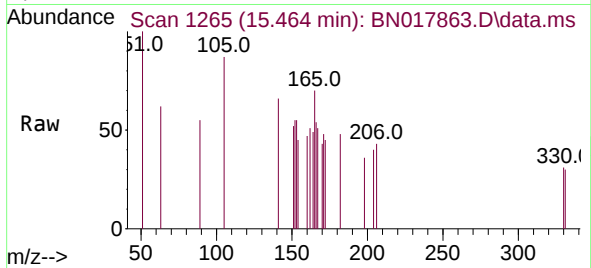




#20
4,6-Dinitro-2-methylphenol
Concen: 0.084 ng
RT: 15.464 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

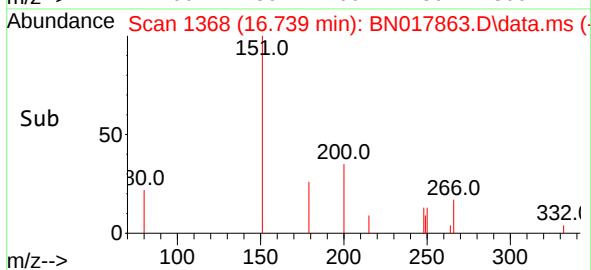
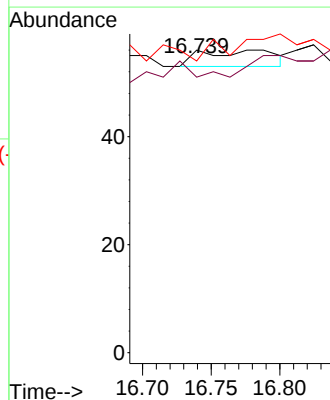
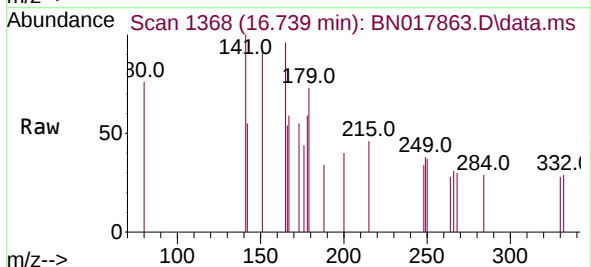
Instrument :
BNA_N
ClientSampleId :
TT101D1-20211201

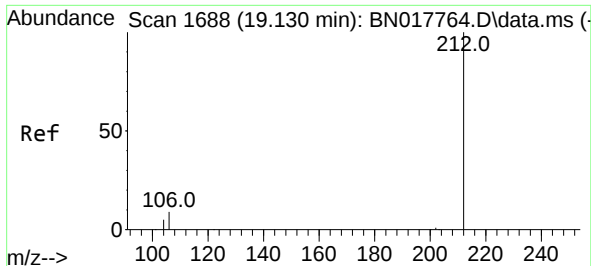
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 134.0 44.2 66.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.280 ng
RT: 16.739 min Scan# 1368
Delta R.T. -0.025 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

Tgt Ion:266 Resp: 11
Ion Ratio Lower Upper
266 100
264 72.7 50.8 76.2
268 0.0 51.8 77.6#

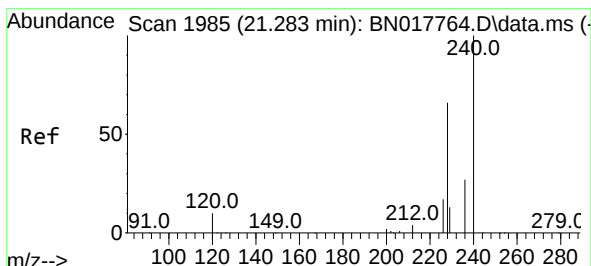
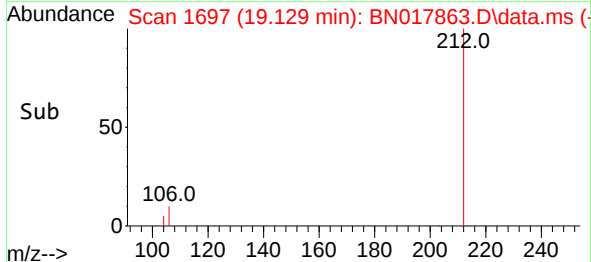
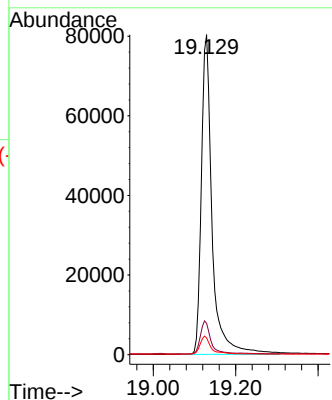
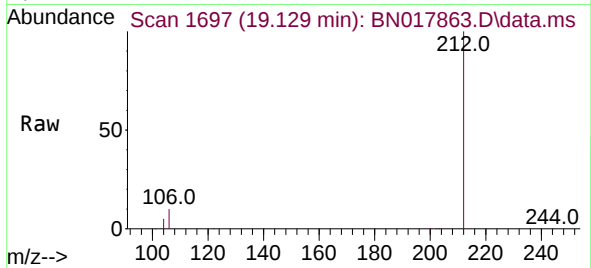




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

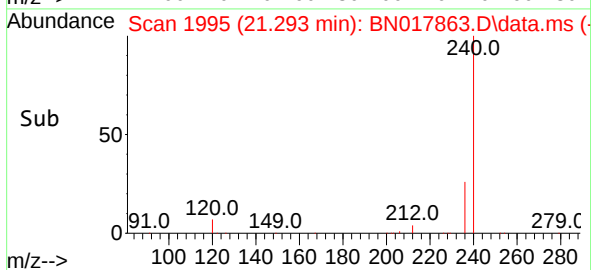
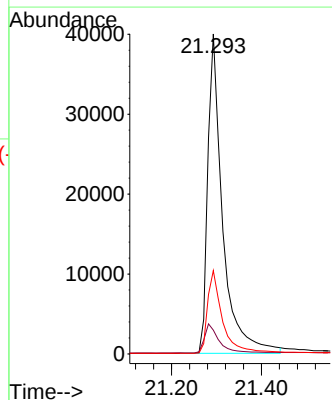
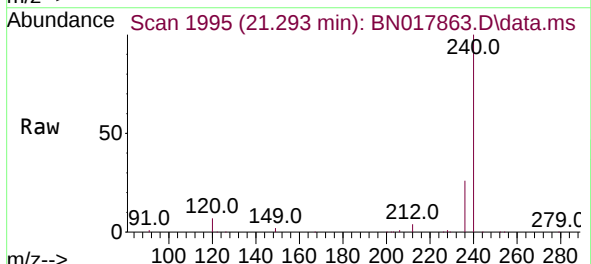
Instrument :
BNA_N
ClientSampleId :
TT101D1-20211201

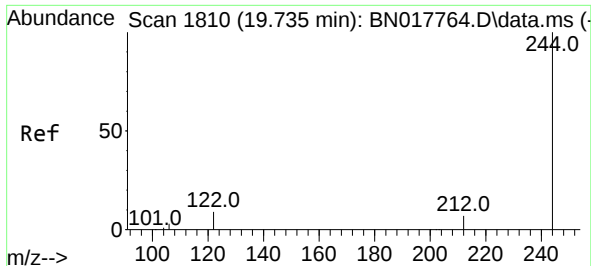
Tgt Ion:212 Resp: 145486
Ion Ratio Lower Upper
212 100
106 10.2 8.2 12.2
104 5.8 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.010 min
Lab File: BN017863.D
Acq: 10 Dec 2021 10:07

Tgt Ion:240 Resp: 91394
Ion Ratio Lower Upper
240 100
120 7.5 7.9 11.9#
236 26.0 21.4 32.2

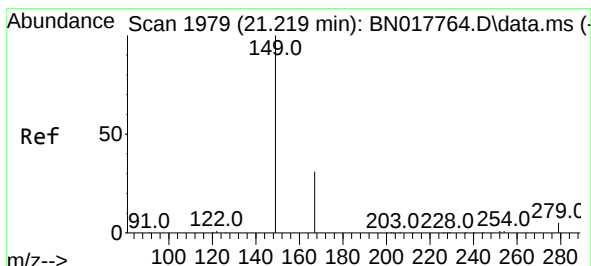
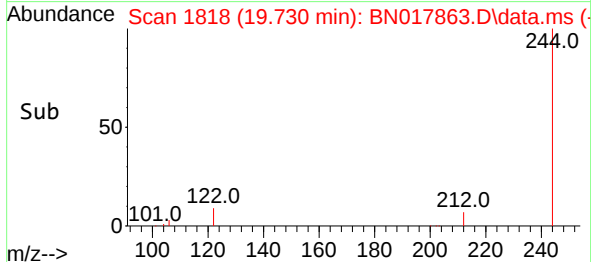
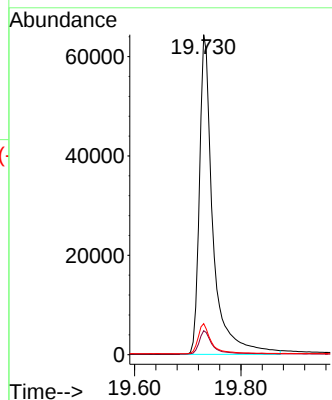
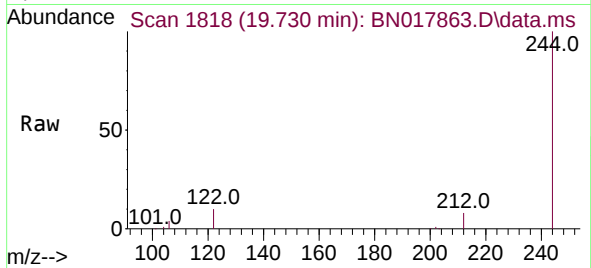




#31
 Terphenyl-d14
 Concen: 0.579 ng
 RT: 19.730 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN017863.D
 Acq: 10 Dec 2021 10:07

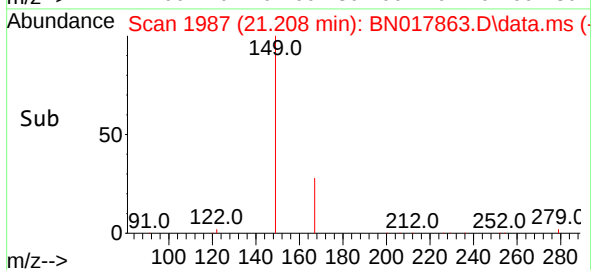
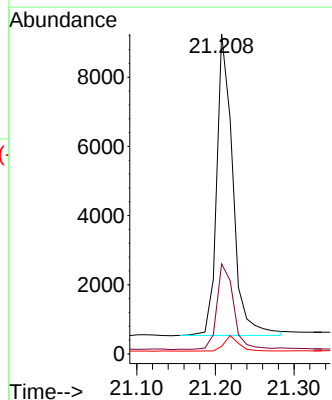
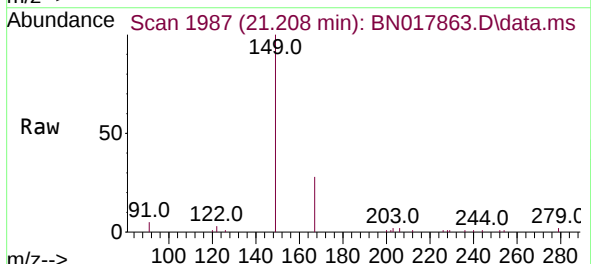
Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20211201

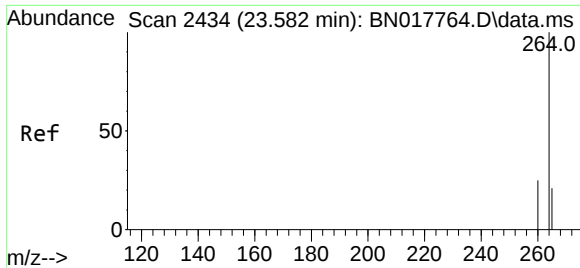
Tgt Ion:244 Resp: 113707
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 9.7 7.1 10.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.208 min Scan# 1987
 Delta R.T. -0.011 min
 Lab File: BN017863.D
 Acq: 10 Dec 2021 10:07

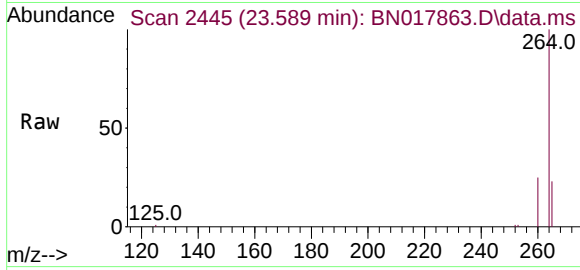
Tgt Ion:149 Resp: 12347
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.5 35.3
 279 4.7 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.589 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BN017863.D
 Acq: 10 Dec 2021 10:07

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20211201



Tgt Ion:264 Resp: 60195
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 23.0 20.5 30.7

