

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017865.D
 Acq On : 10 Dec 2021 11:19
 Operator : CG/JU
 Sample : M4923-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20211202

Quant Time: Dec 11 00:35:23 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)

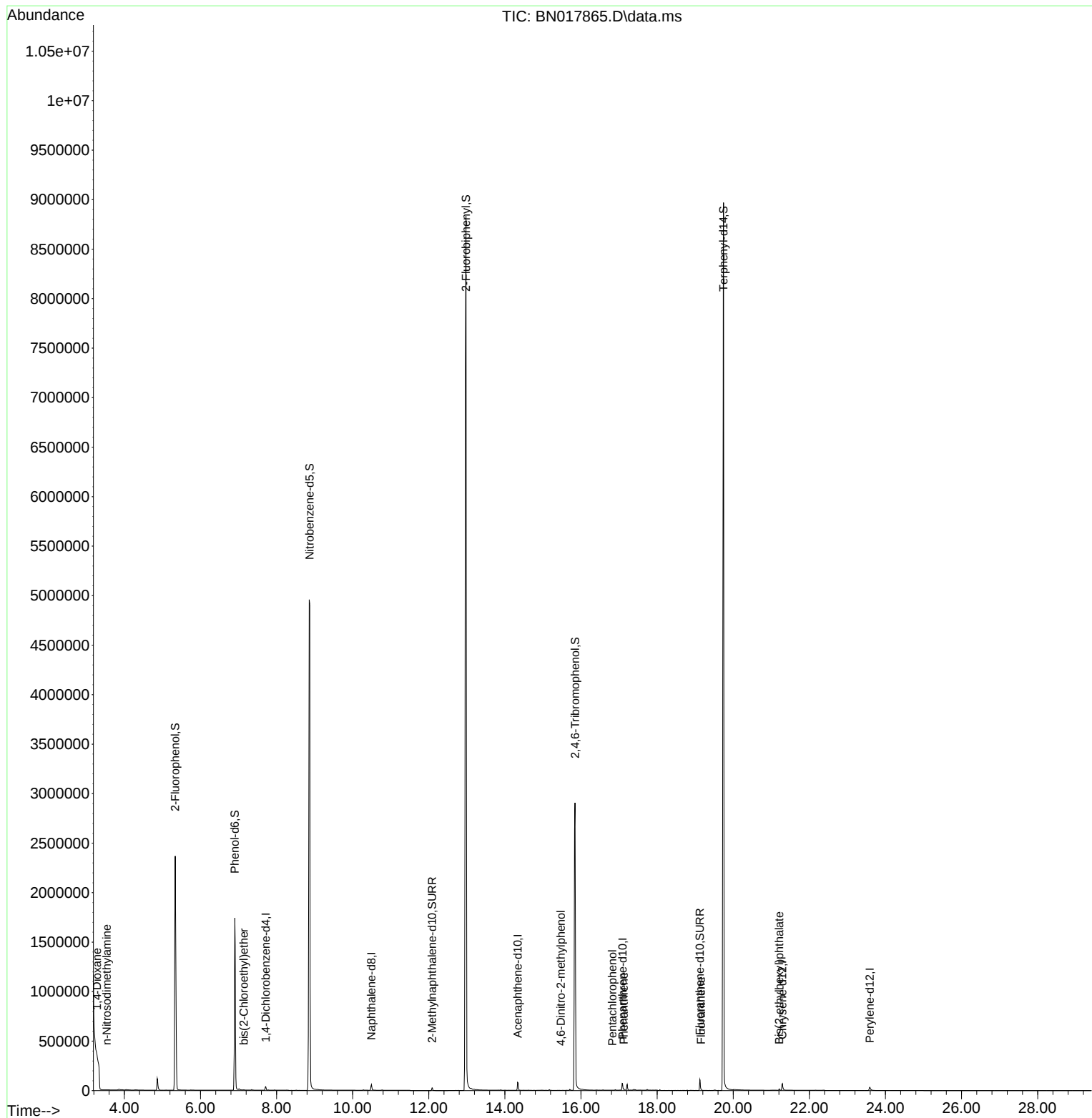
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	20072	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	87307	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	56280	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	120792	0.400	ng	0.00
29) Chrysene-d12	21.293	240	102671	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	66316	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	2328588	48.023	ng	0.00
5) Phenol-d6	6.903	99	1658443	36.146	ng	0.00
8) Nitrobenzene-d5	8.871	82	4985033	85.834	ng	0.01
11) 2-Methylnaphthalene-d10	12.089	152	43685	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3078391	104.624	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	9772851	47.421	ng	0.01
27) Fluoranthene-d10	19.124	212	144983	0.359	ng	0.00
31) Terphenyl-d14	19.745	244	12351216	56.010	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.279	88	33140	4.485	ng	# 100
3) n-Nitrosodimethylamine	3.538	42	469	0.023	ng	# 1
6) bis(2-Chloroethyl)ether	7.143	93	1601	0.031	ng	96
20) 4,6-Dinitro-2-methylph...	15.476	198	14	0.092	ng	# 17
24) Pentachlorophenol	16.824	266	123	0.284	ng	# 46
25) Phenanthrene	17.129	178	11045	0.035	ng	98
28) Fluoranthene	19.154	202	9416	0.024	ng	98
34) Bis(2-ethylhexyl)phtha...	21.208	149	13611	0.095	ng	100

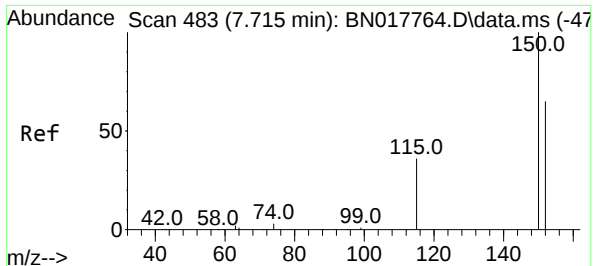
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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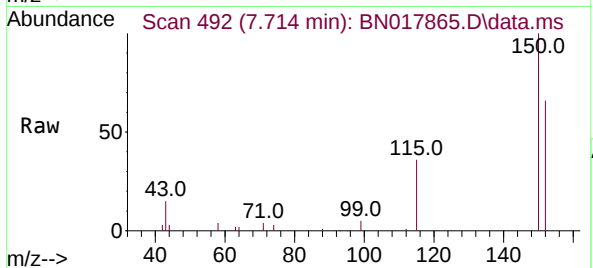
Quant Time: Dec 11 00:35:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
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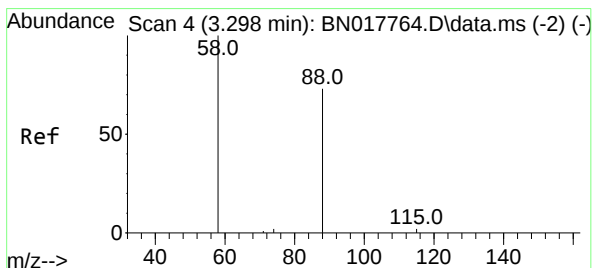
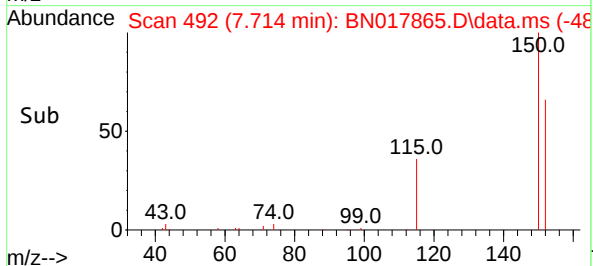
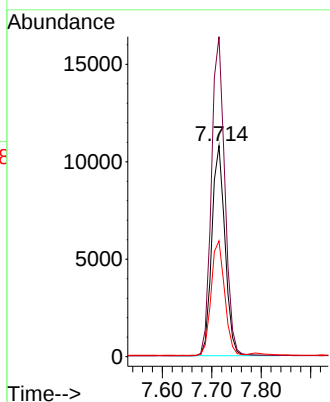


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.714 min Scan# 492
 Delta R.T. -0.001 min
 Lab File: BN017865.D
 Acq: 10 Dec 2021 11:19

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20211202

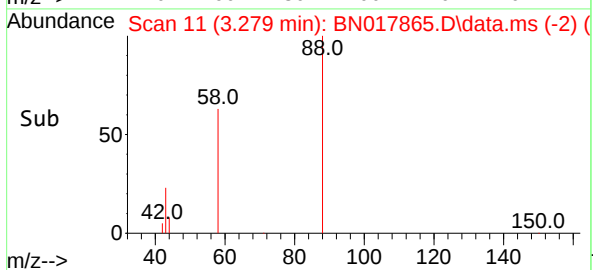
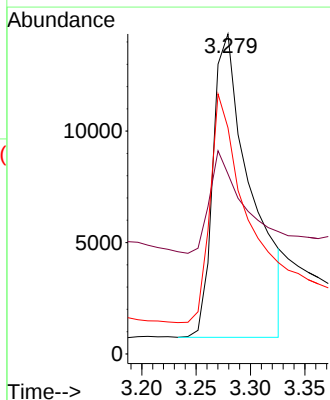
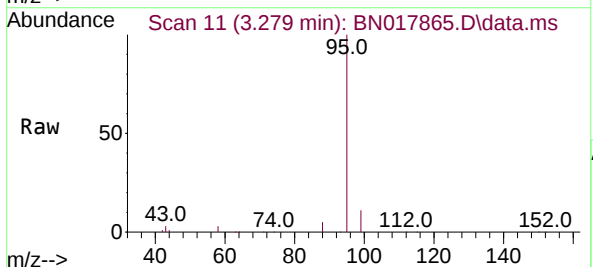


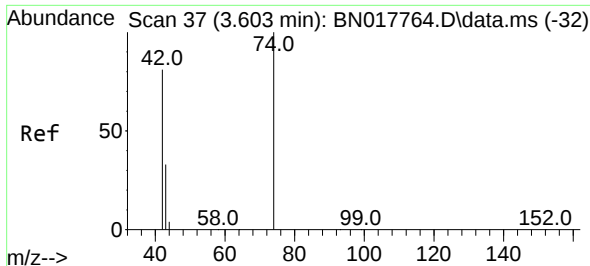
Tgt Ion: 152 Resp: 20072
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.0 184.4
 115 54.9 45.3 67.9



#2
 1,4-Dioxane
 Concen: 4.485 ng
 RT: 3.279 min Scan# 11
 Delta R.T. -0.019 min
 Lab File: BN017865.D
 Acq: 10 Dec 2021 11:19

Tgt Ion: 88 Resp: 33140
 Ion Ratio Lower Upper
 88 100
 43 30.8 0.0 0.0#
 58 73.2 0.0 0.0#

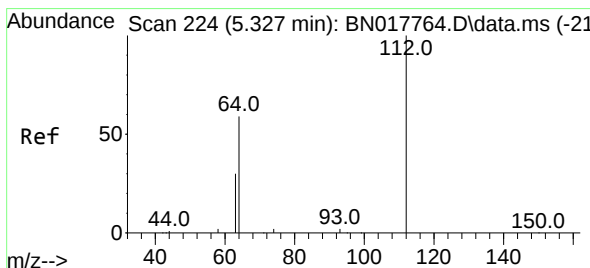
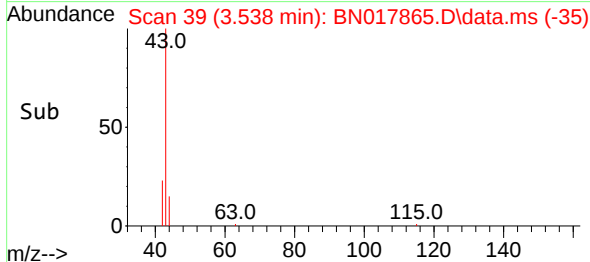
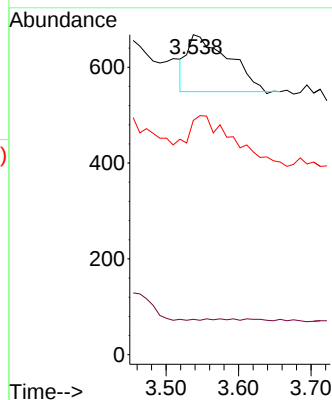
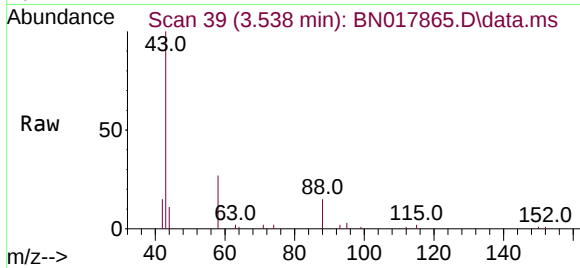




#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.538 min Scan# 31
Delta R.T. -0.065 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

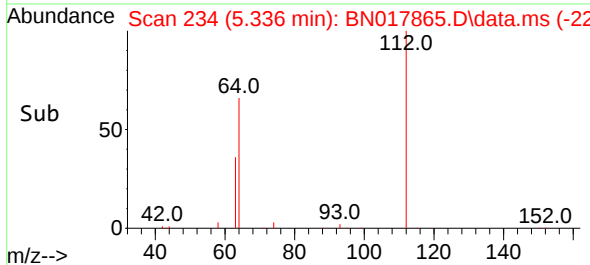
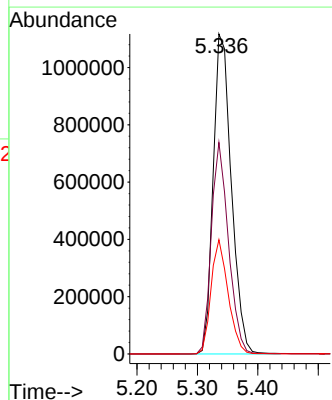
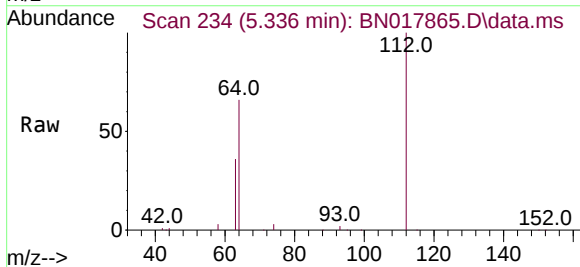
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BNA_N
ClientSampleId :
TT101D2-20211202

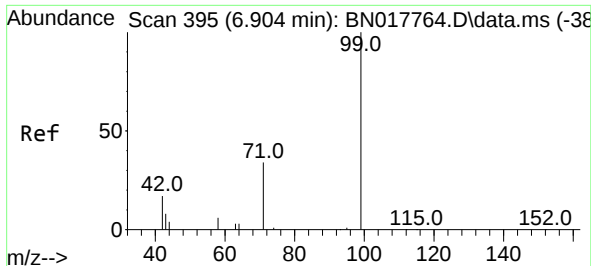
Tgt Ion: 42 Resp: 469
Ion Ratio Lower Upper
42 100
74 1.3 101.3 151.9#
44 89.8 5.0 7.4#



#4
2-Fluorophenol
Concen: 48.023 ng
RT: 5.336 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

Tgt Ion: 112 Resp: 2328588
Ion Ratio Lower Upper
112 100
64 62.5 49.3 73.9
63 33.7 25.8 38.8

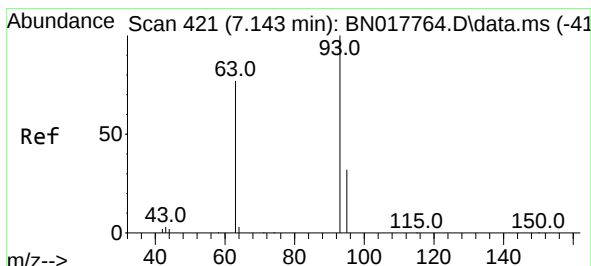
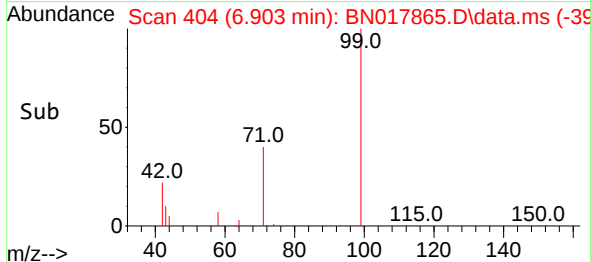
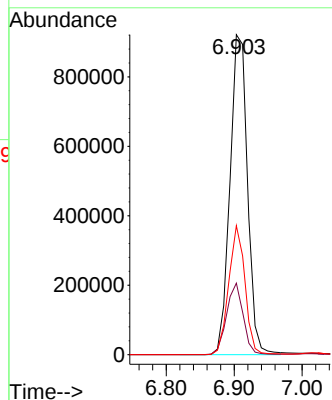
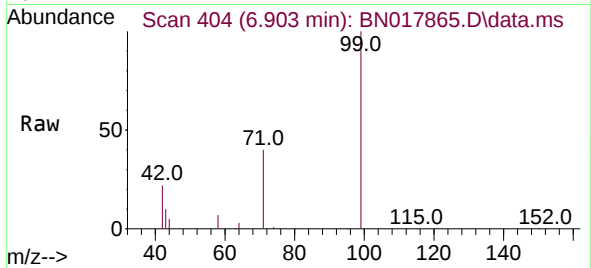




#5
Phenol-d6
Concen: 36.146 ng
RT: 6.903 min Scan# 40
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

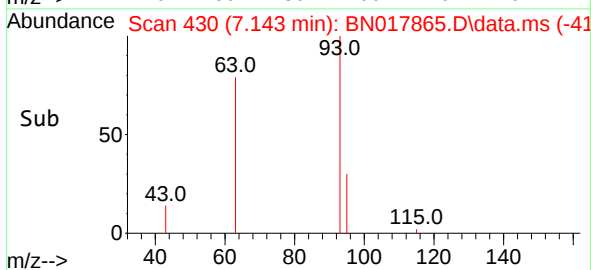
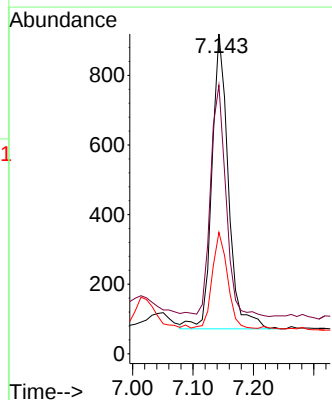
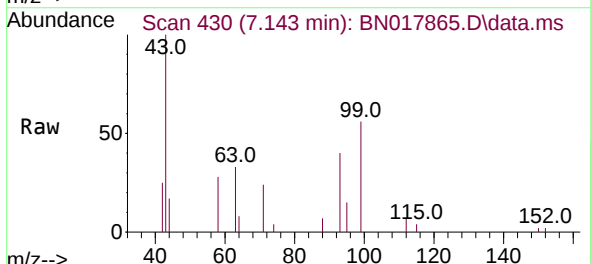
Instrument :
BNA_N
ClientSampleId :
TT101D2-20211202

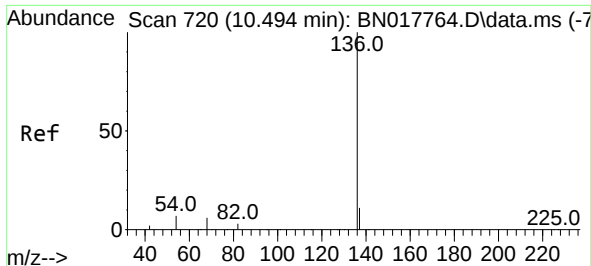
Tgt Ion: 99 Resp: 1658443
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 37.4 29.0 43.4



#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.143 min Scan# 430
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

Tgt Ion: 93 Resp: 1601
Ion Ratio Lower Upper
93 100
63 74.0 62.0 93.0
95 30.0 26.4 39.6

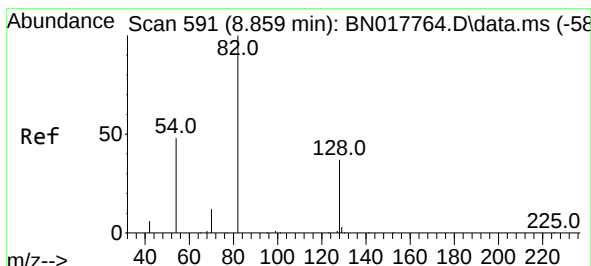
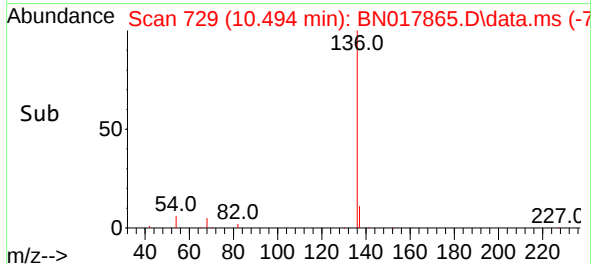
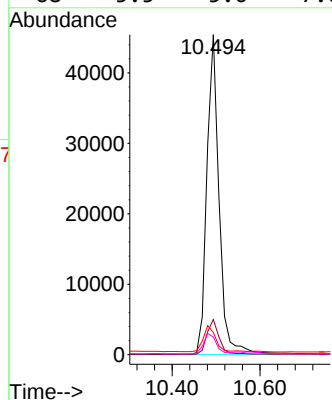
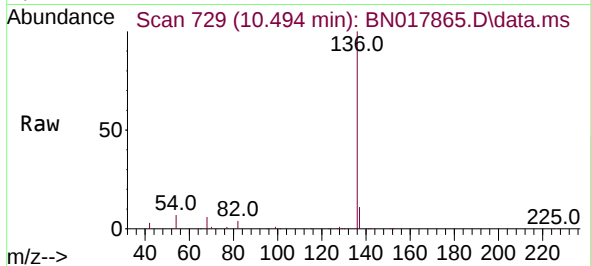




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

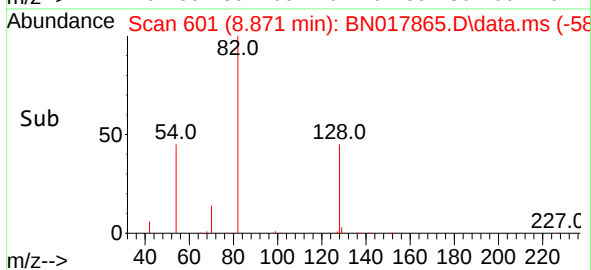
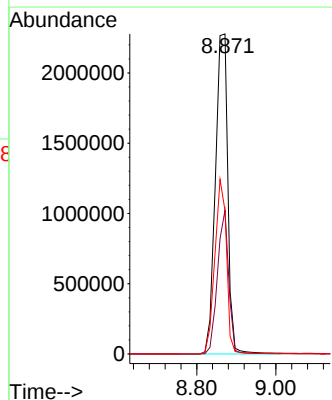
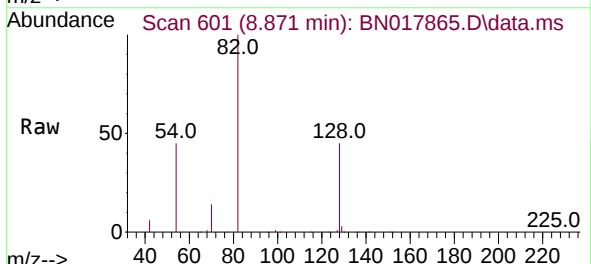
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BNA_N
ClientSampleId :
TT101D2-20211202

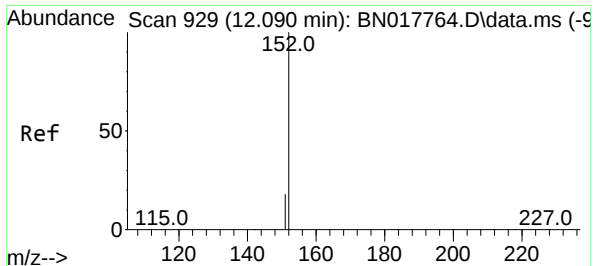
Tgt Ion:	136	Resp:	87307
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.0	5.9	8.9
68	5.5	5.0	7.6



#8
Nitrobenzene-d5
Concen: 85.834 ng
RT: 8.871 min Scan# 601
Delta R.T. 0.012 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

Tgt Ion:	82	Resp:	4985033
Ion Ratio	Lower	Upper	
82	100		
128	44.9	30.2	45.2
54	44.8	39.0	58.6





#11

2-Methylnaphthalene-d10

Concen: 0.251 ng

RT: 12.089 min Scan# 91

Delta R.T. -0.001 min

Lab File: BN017865.D

Acq: 10 Dec 2021 11:19

Instrument :

BNA_N

ClientSampleId :

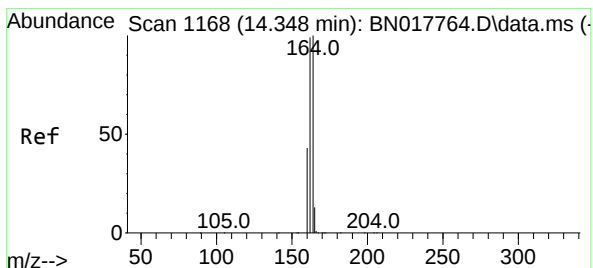
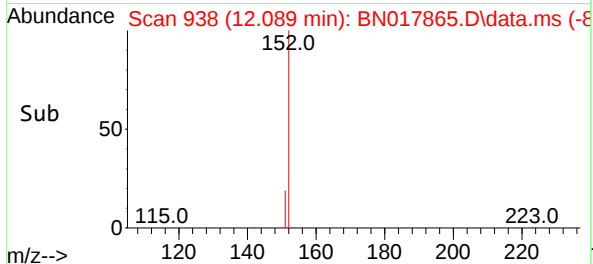
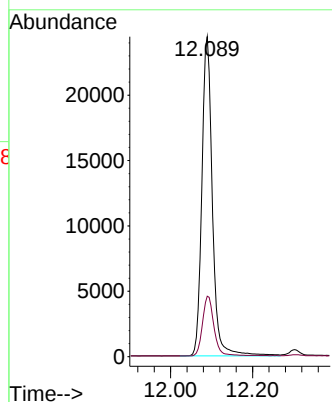
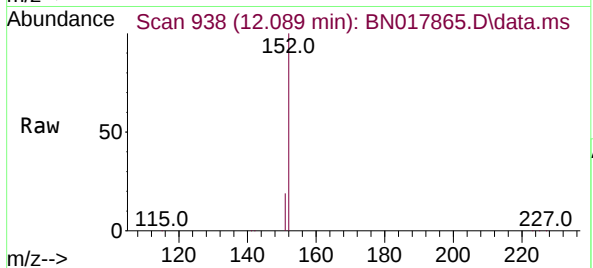
TT101D2-20211202

Tgt Ion:152 Resp: 43685

Ion Ratio Lower Upper

152 100

151 20.3 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: BN017865.D

Acq: 10 Dec 2021 11:19

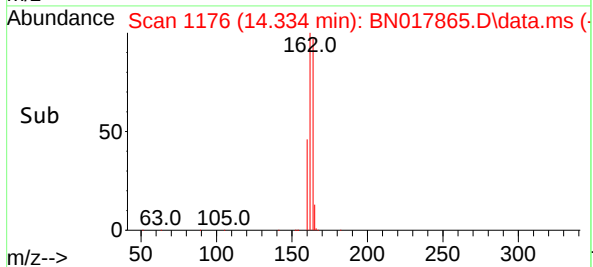
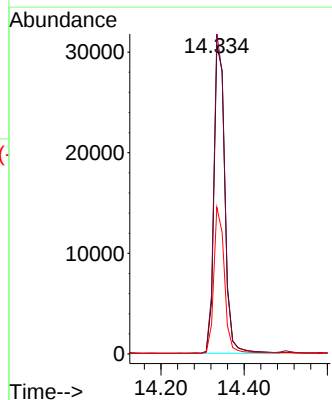
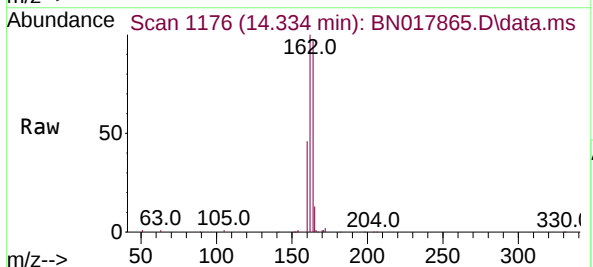
Tgt Ion:164 Resp: 56280

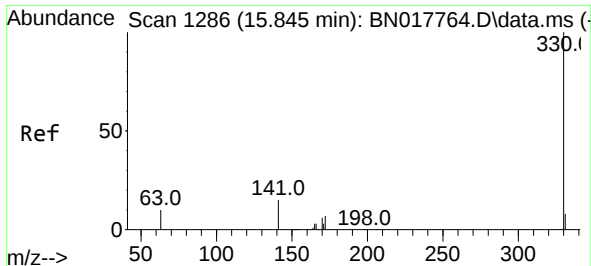
Ion Ratio Lower Upper

164 100

162 103.5 79.0 118.6

160 47.5 34.6 52.0

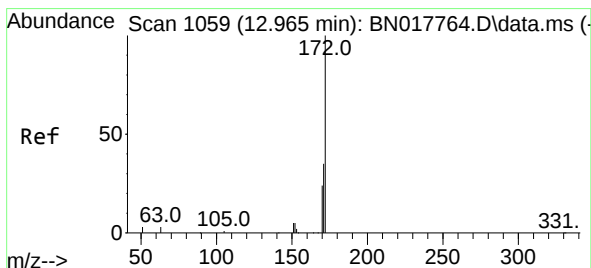
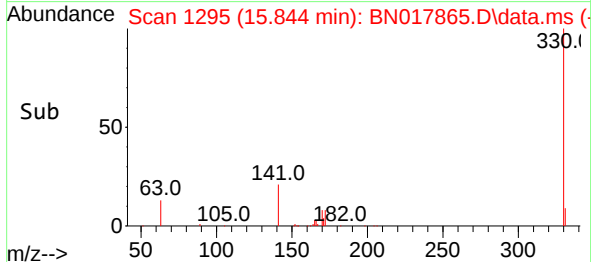
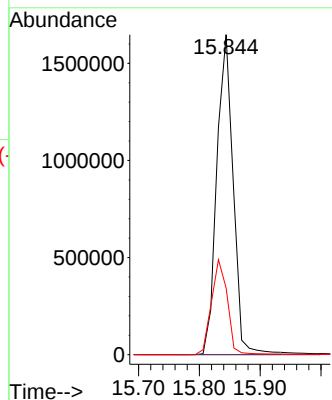
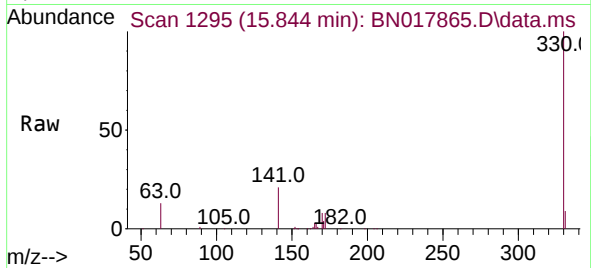




#14
2,4,6-Tribromophenol
Concen: 104.624 ng
RT: 15.844 min Scan# 1286
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

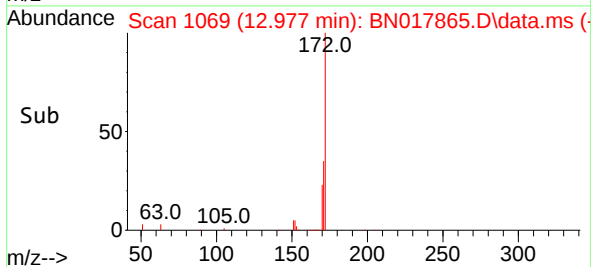
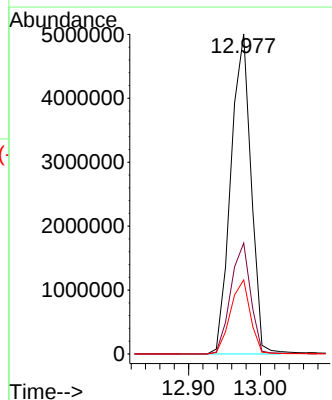
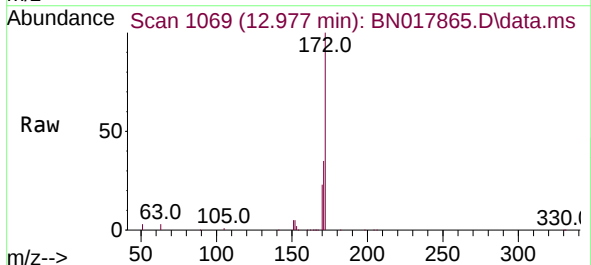
Instrument :
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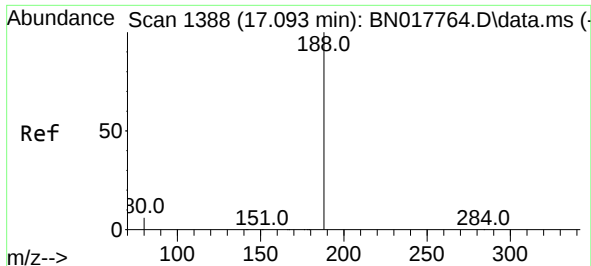
Tgt Ion:330 Resp: 3078391
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.0 21.5 32.3



#15
2-Fluorobiphenyl
Concen: 47.421 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

Tgt Ion:172 Resp: 9772851
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.1 18.9 28.3

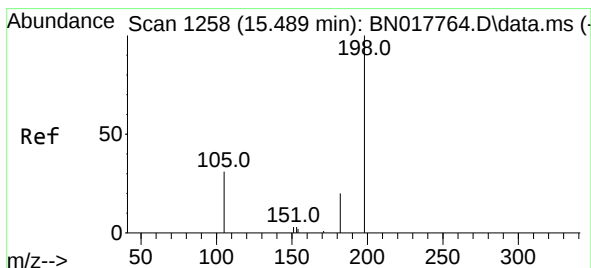
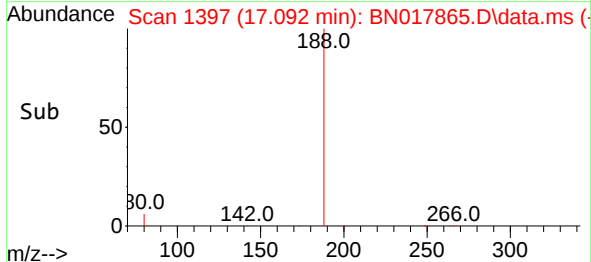
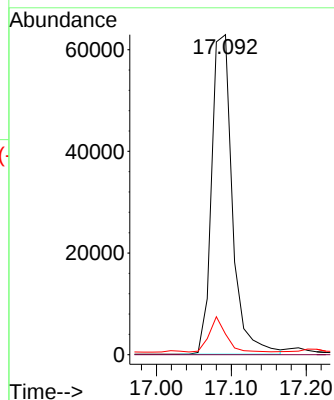
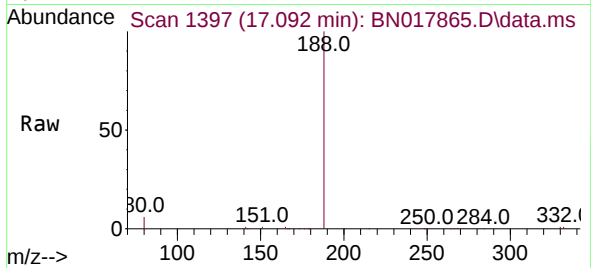




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

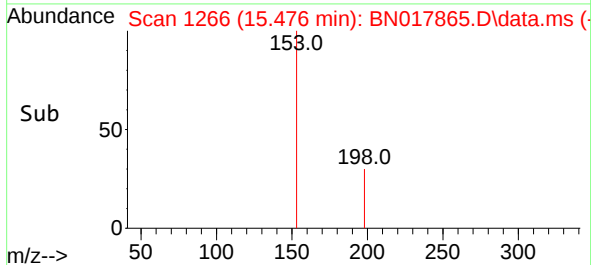
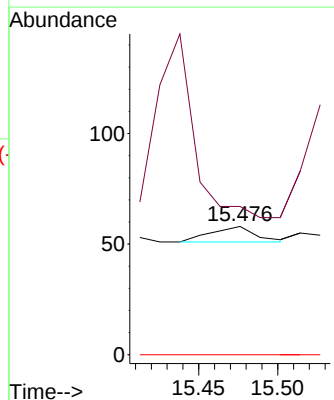
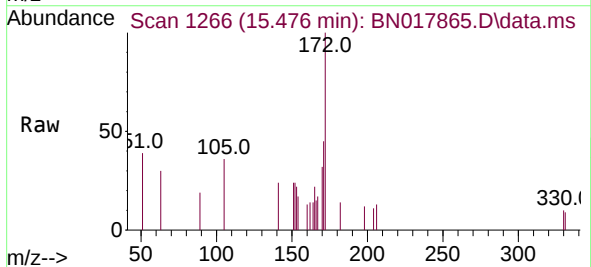
Instrument :
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TT101D2-20211202

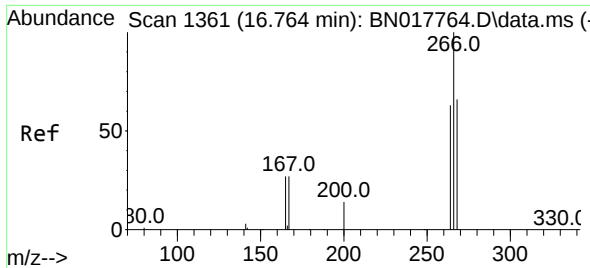
Tgt Ion:188 Resp: 120792
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 5.1 7.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.092 ng
RT: 15.476 min Scan# 1266
Delta R.T. -0.013 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 115.5 44.2 66.2#
77 0.0 0.0 0.0

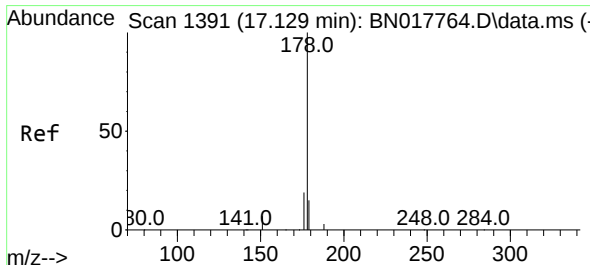
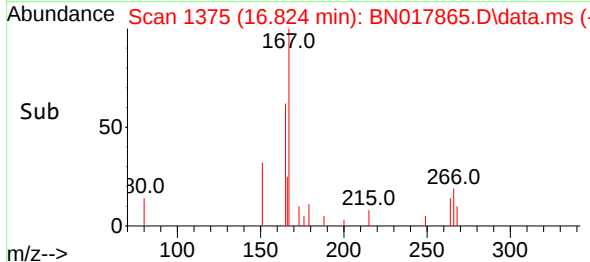
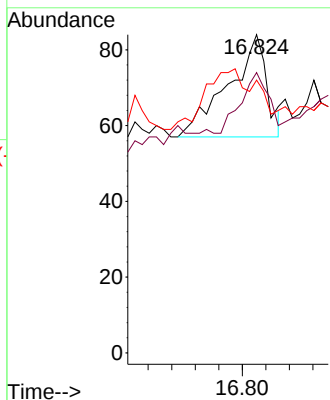
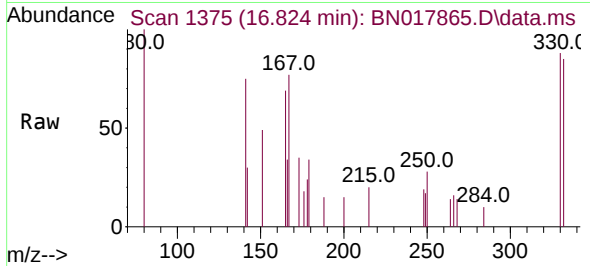




#24
 Pentachlorophenol
 Concen: 0.284 ng
 RT: 16.824 min Scan# 11
 Delta R.T. 0.060 min
 Lab File: BN017865.D
 Acq: 10 Dec 2021 11:19

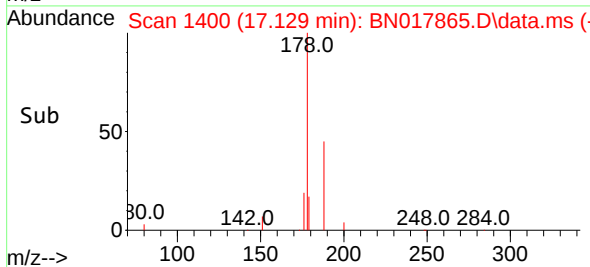
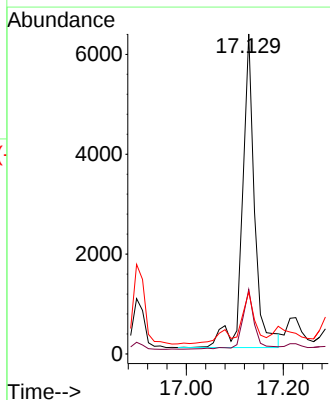
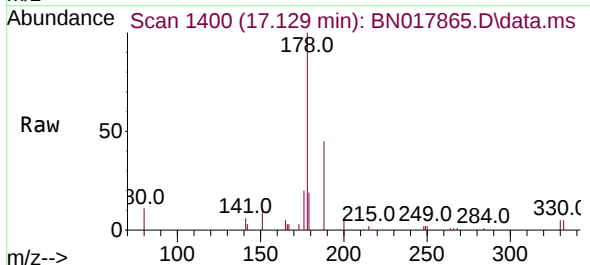
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20211202

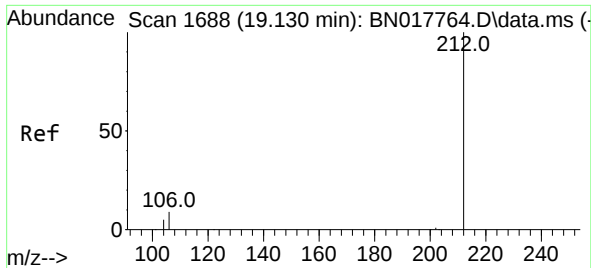
Tgt Ion:266	Resp:	123
Ion Ratio	Lower	Upper
266	100	
264	43.9	50.8 76.2#
268	0.0	51.8 77.6#



#25
 Phenanthrene
 Concen: 0.035 ng
 RT: 17.129 min Scan# 1400
 Delta R.T. -0.001 min
 Lab File: BN017865.D
 Acq: 10 Dec 2021 11:19

Tgt Ion:178	Resp:	11045
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.0 22.6
179	13.8	12.5 18.7

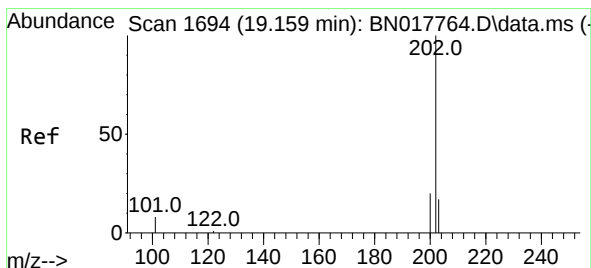
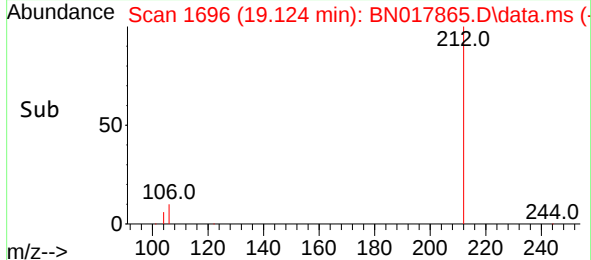
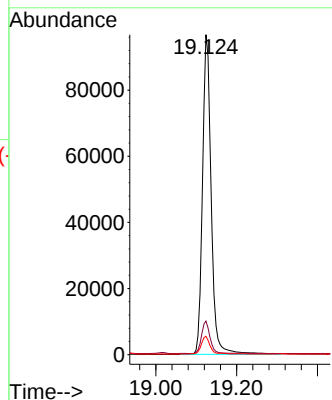
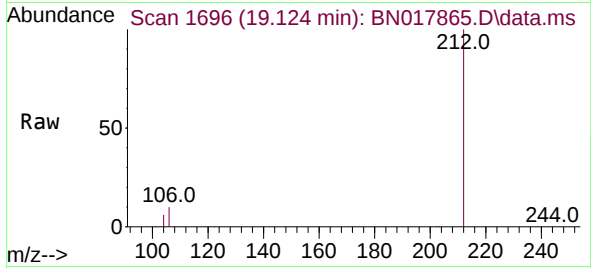




#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.124 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

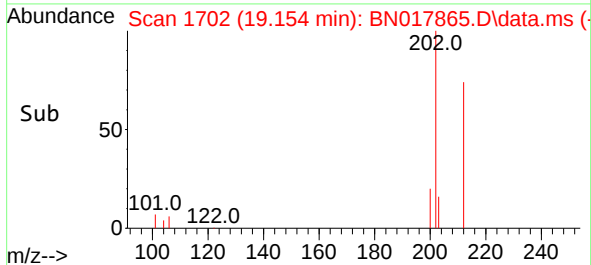
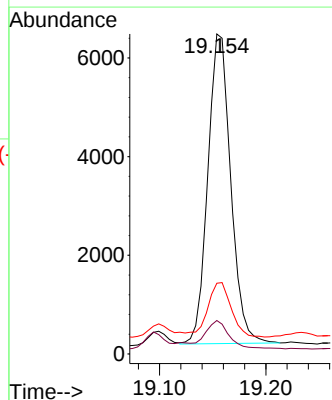
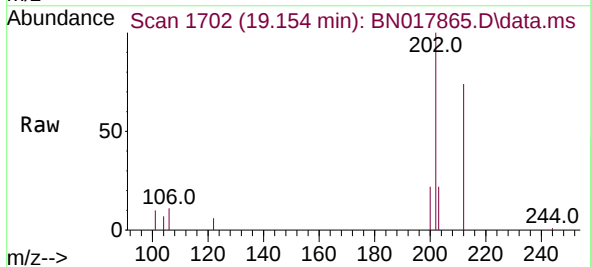
Instrument :
BNA_N
ClientSampleId :
TT101D2-20211202

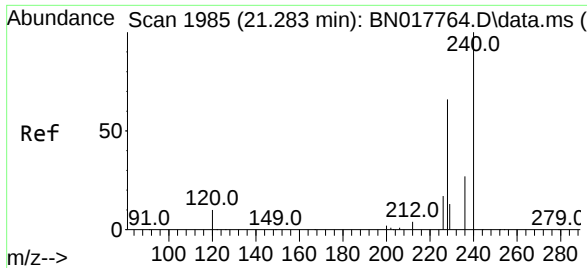
Tgt Ion:212 Resp: 144983
Ion Ratio Lower Upper
212 100
106 9.9 8.2 12.2
104 5.7 4.6 6.8



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

Tgt Ion:202 Resp: 9416
Ion Ratio Lower Upper
202 100
101 9.5 7.2 10.8
203 18.3 13.7 20.5

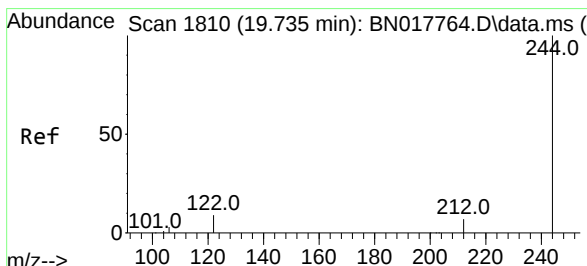
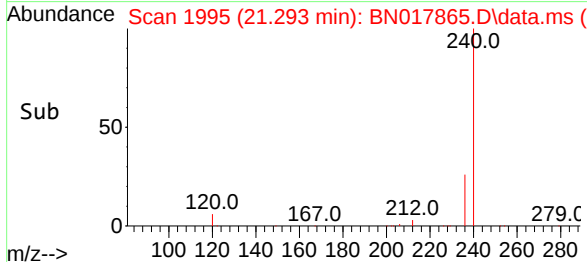
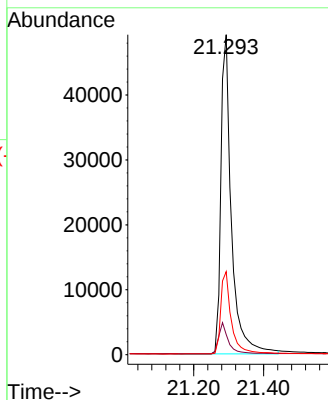
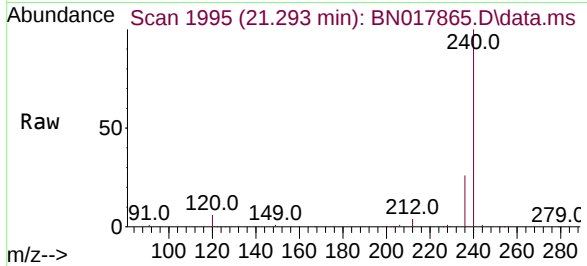




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

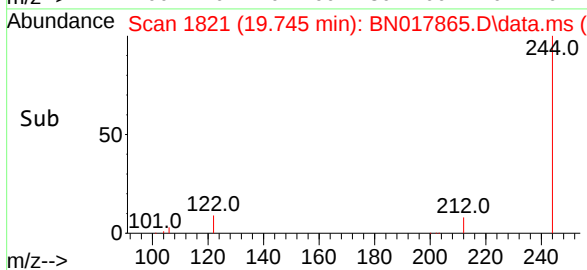
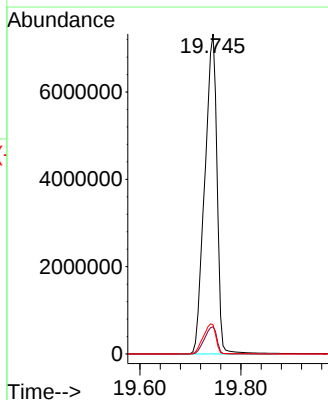
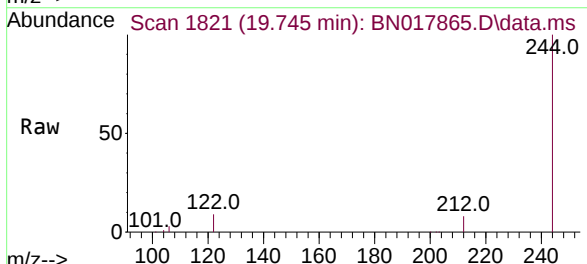
Instrument :
BNA_N
ClientSampleId :
TT101D2-20211202

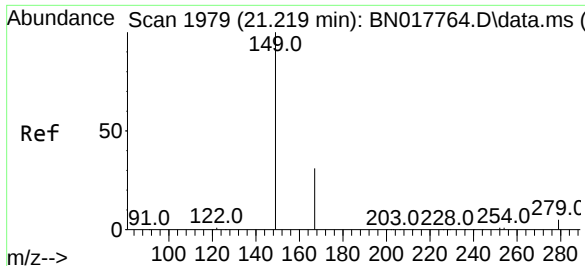
Tgt Ion:240 Resp: 102671
Ion Ratio Lower Upper
240 100
120 6.3 7.9 11.9#
236 25.9 21.4 32.2



#31
Terphenyl-d14
Concen: 56.010 ng
RT: 19.745 min Scan# 1821
Delta R.T. 0.009 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

Tgt Ion:244 Resp:12351216
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.8
122 9.1 7.1 10.7

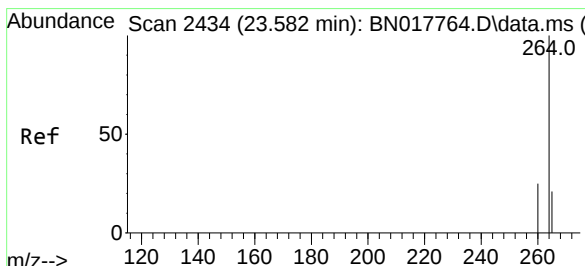
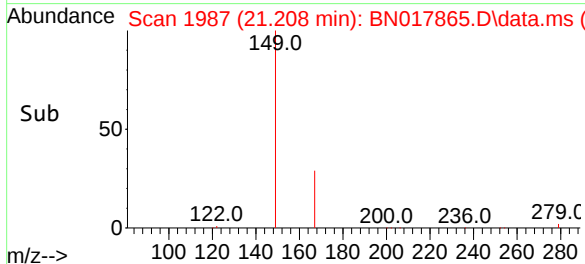
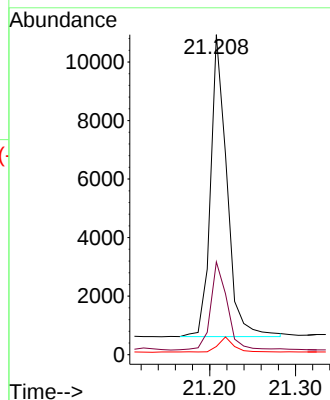
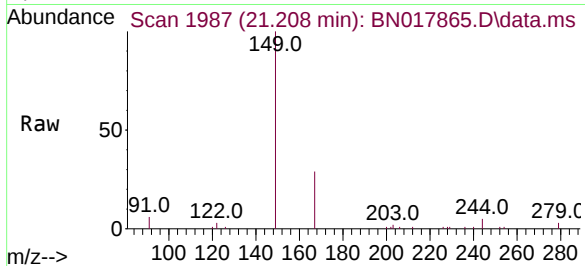




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.095 ng
RT: 21.208 min Scan# 1979
Delta R.T. -0.011 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
TT101D2-20211202

Tgt Ion:149	Resp:	13611
Ion Ratio	Lower	Upper
149	100	
167	29.6	23.5 35.3
279	4.6	3.8 5.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2445
Delta R.T. 0.006 min
Lab File: BN017865.D
Acq: 10 Dec 2021 11:19

Tgt Ion:264	Resp:	66316
Ion Ratio	Lower	Upper
264	100	
260	24.6	20.0 30.0
265	22.6	20.5 30.7

