

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
 Data File : BN016323.D
 Acq On : 18 Sep 2021 07:56
 Operator : CG/JU
 Sample : M3791-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

Quant Time: Sep 20 00:55:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 23:59:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

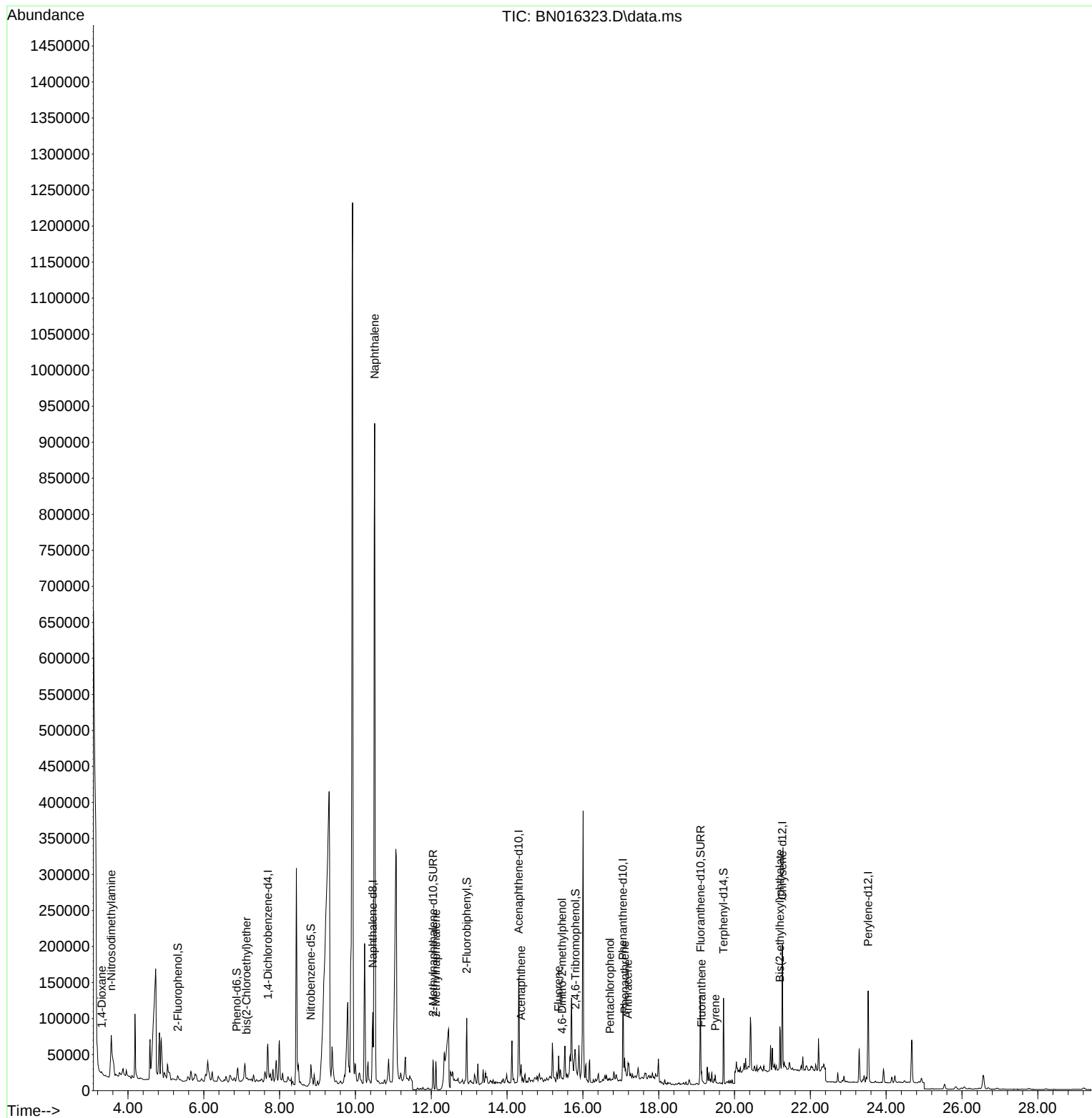
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	28905	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	127933	0.400	ng	# 0.00
13) Acenaphthene-d10	14.306	164	75251	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	147075	0.400	ng	#-0.01
29) Chrysene-d12	21.259	240	153272	0.400	ng	# 0.00
35) Perylene-d12	23.525	264	165222	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	9244	0.127	ng	0.00
5) Phenol-d6	6.868	99	6197	0.070	ng	0.00
8) Nitrobenzene-d5	8.822	82	22441	0.295	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	54112	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	9596	0.434	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	73309	0.249	ng	0.00
27) Fluoranthene-d10	19.102	212	137278	0.322	ng	0.00
31) Terphenyl-d14	19.708	244	116065	0.327	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	248	0.021	ng	# 1
3) n-Nitrosodimethylamine	3.557	42	24295	0.884	ng	# 1
6) bis(2-Chloroethyl)ether	7.126	93	8037	0.103	ng	# 20
9) Naphthalene	10.508	128	1257980	3.650	ng	100
12) 2-Methylnaphthalene	12.123	142	27319	0.120	ng	98
17) Acenaphthene	14.370	154	10373	0.048	ng	# 92
18) Fluorene	15.360	166	22807	0.085	ng	# 98
20) 4,6-Dinitro-2-methylph...	15.448	198	175	0.170	ng	# 1
24) Pentachlorophenol	16.713	266	1574	0.057	ng	98
25) Phenanthrene	17.102	178	32359	0.078	ng	94
26) Anthracene	17.188	178	25156	0.062	ng	# 96
28) Fluoranthene	19.127	202	12883	0.027	ng	96
30) Pyrene	19.490	202	9949	0.021	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.195	149	59079	0.222	ng	94

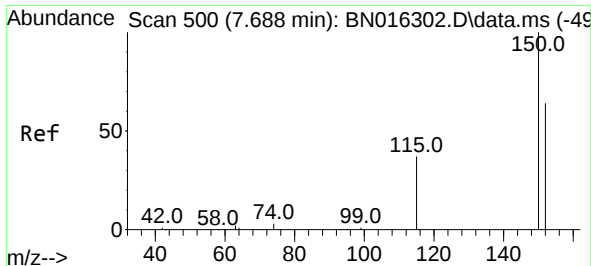
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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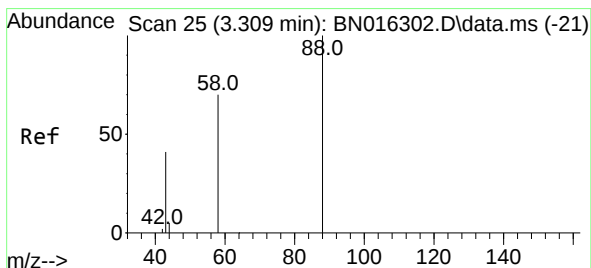
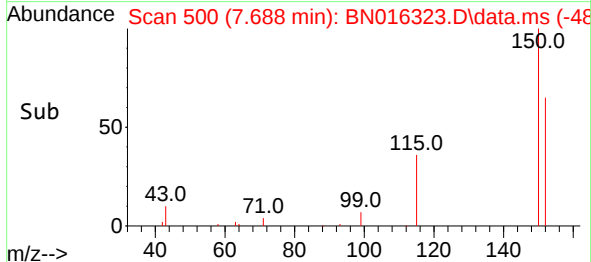
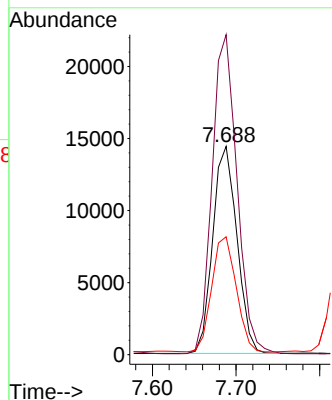
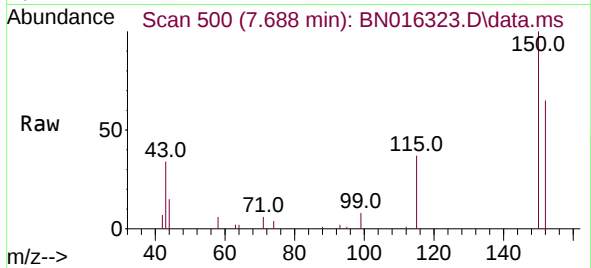




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. 0.000 min
 Lab File: BN016323.D
 Acq: 18 Sep 2021 07:56

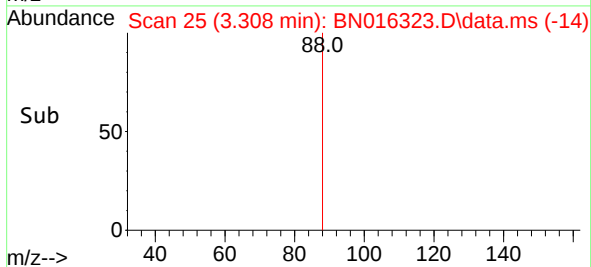
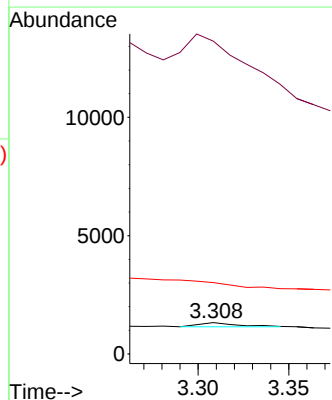
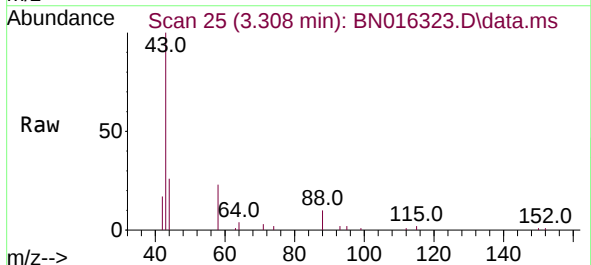
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

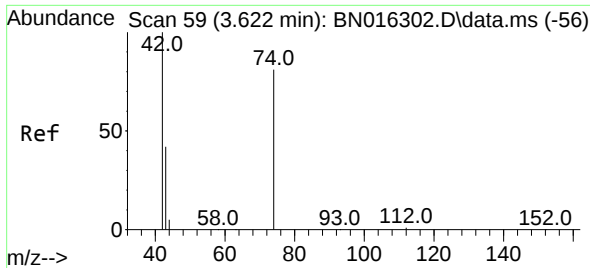
Tgt Ion:152 Resp: 28905
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.6 188.4
 115 56.6 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.308 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BN016323.D
 Acq: 18 Sep 2021 07:56

Tgt Ion: 88 Resp: 248
 Ion Ratio Lower Upper
 88 100
 43 1750.8 20.3 30.5#
 58 0.0 69.9 104.9#

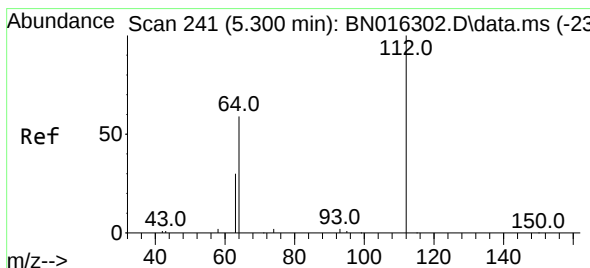
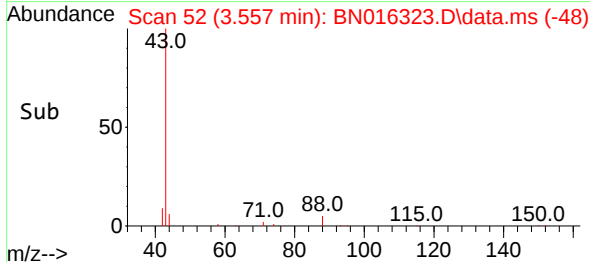
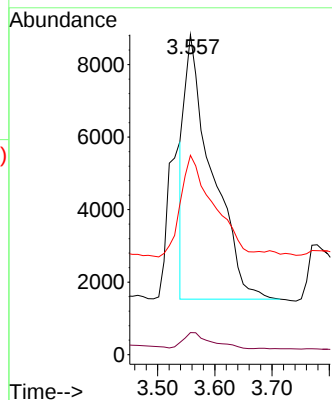
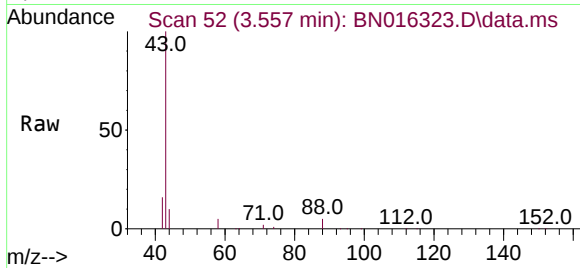




#3
n-Nitrosodimethylamine
Concen: 0.884 ng
RT: 3.557 min Scan# 52
Delta R.T. -0.065 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

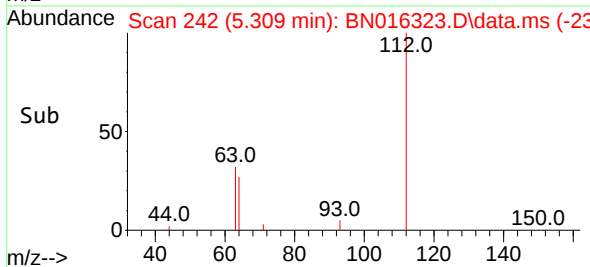
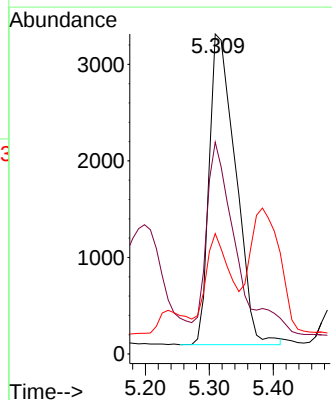
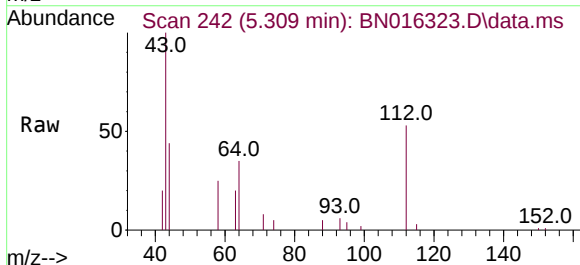
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

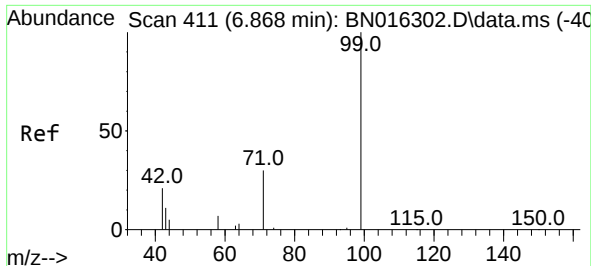
Tgt Ion: 42 Resp: 24295
Ion Ratio Lower Upper
42 100
74 5.6 113.6 170.4#
44 36.7 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.009 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

Tgt Ion: 112 Resp: 9244
Ion Ratio Lower Upper
112 100
64 56.0 47.3 70.9
63 23.1 23.4 35.0#

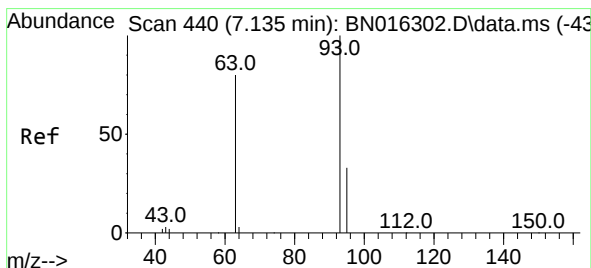
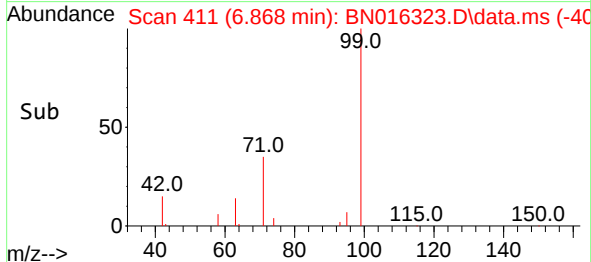
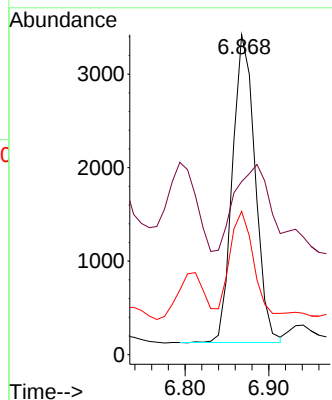
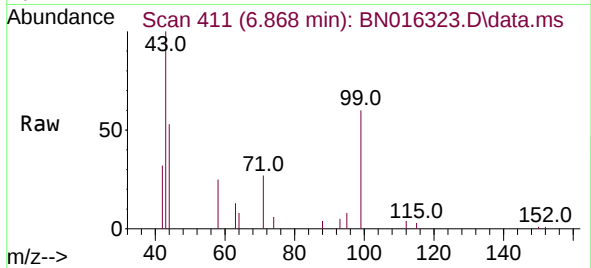




#5
Phenol-d6
Concen: 0.070 ng
RT: 6.868 min Scan# 411
Delta R.T. -0.000 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

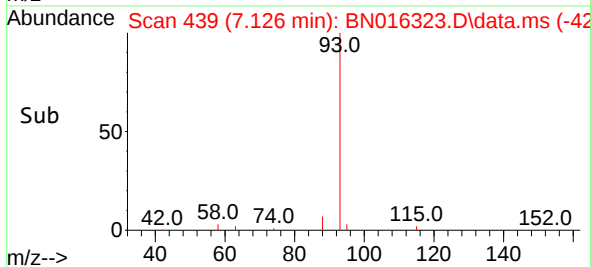
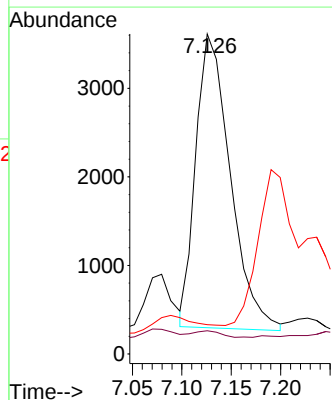
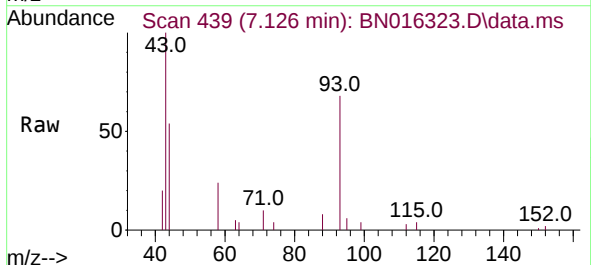
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

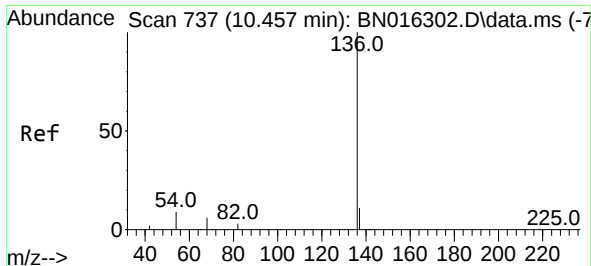
Tgt Ion: 99 Resp: 6197
Ion Ratio Lower Upper
99 100
42 44.5 14.0 21.0#
71 32.7 23.8 35.6



#6
bis(2-Chloroethyl)ether
Concen: 0.103 ng
RT: 7.126 min Scan# 439
Delta R.T. -0.009 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

Tgt Ion: 93 Resp: 8037
Ion Ratio Lower Upper
93 100
63 1.7 63.4 95.0#
95 0.0 26.8 40.2#

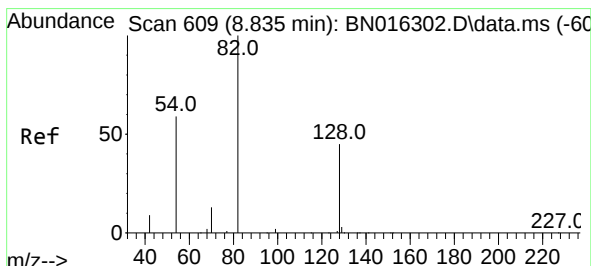
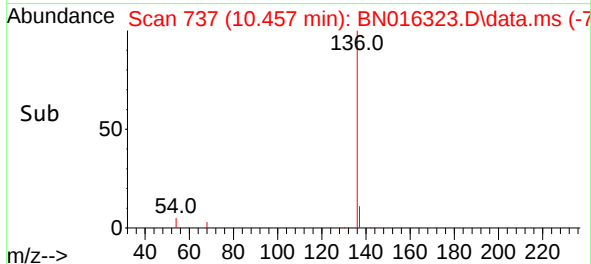
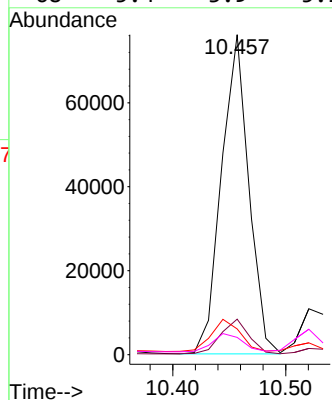
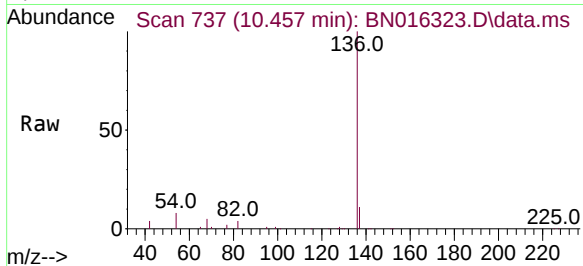




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.000 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

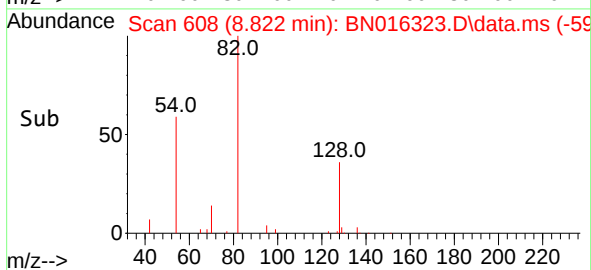
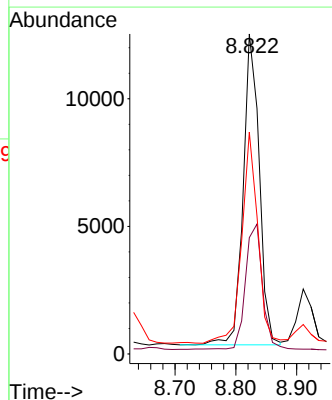
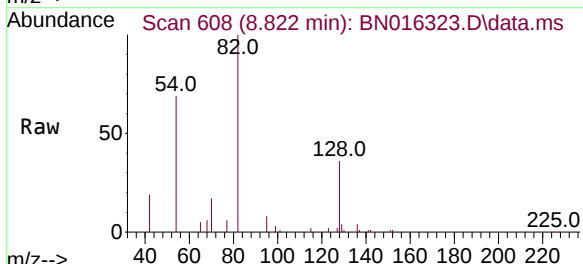
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ClientSampleId :
SW-CB-04-(1.5)

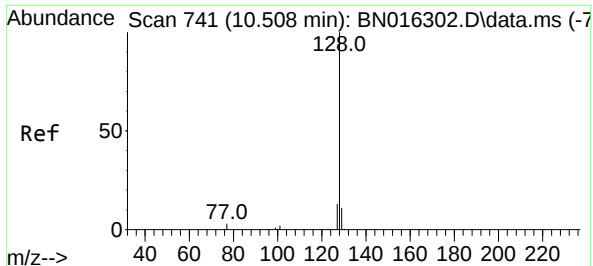
Tgt Ion:136	Resp:	127933
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.1	5.3 7.9#
68	5.4	3.9 5.9



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.013 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

Tgt Ion: 82	Resp:	22441
Ion Ratio	Lower	Upper
82	100	
128	36.3	31.7 47.5
54	69.4	46.4 69.6

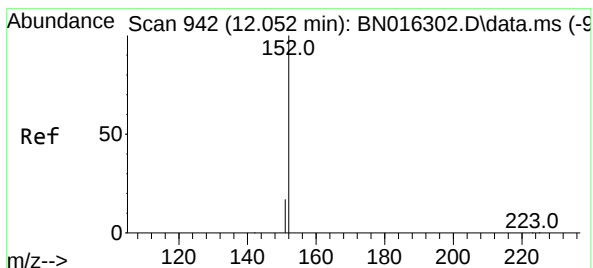
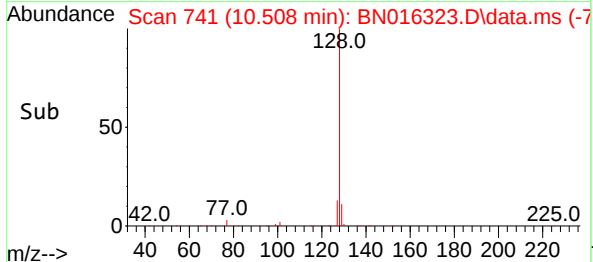
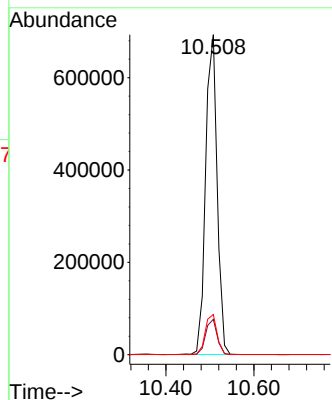
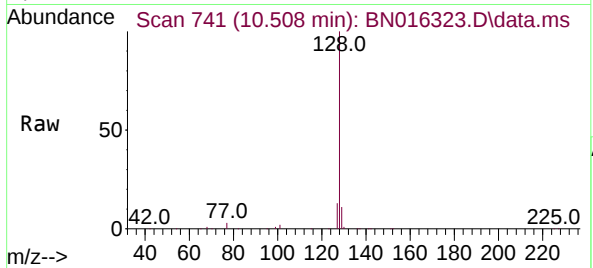




#9
Naphthalene
Concen: 3.650 ng
RT: 10.508 min Scan# 741
Delta R.T. -0.000 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

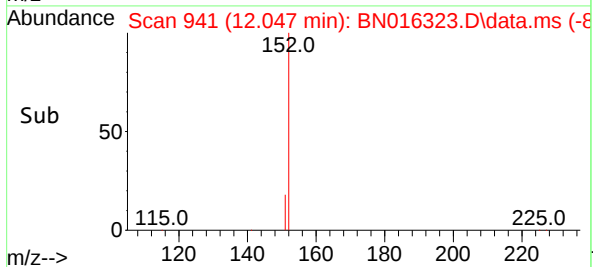
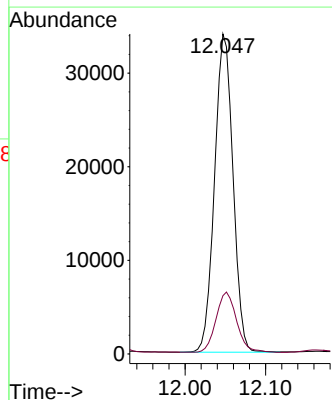
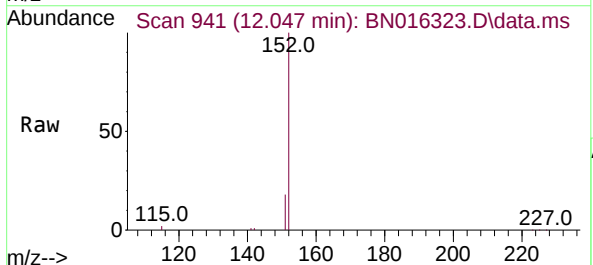
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

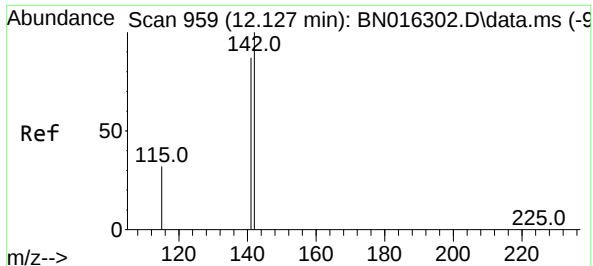
Tgt Ion:128 Resp: 1257980
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.6 10.1 15.1



#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.005 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

Tgt Ion:152 Resp: 54112
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1

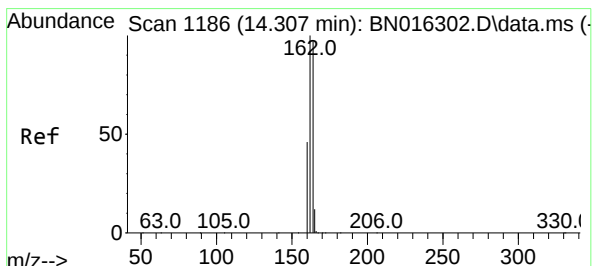
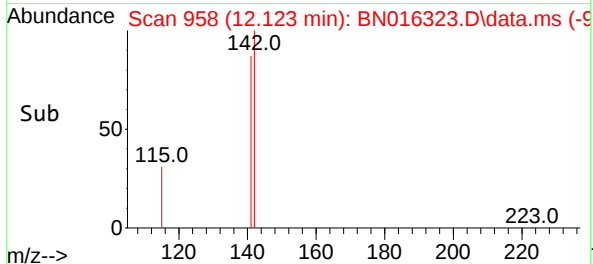
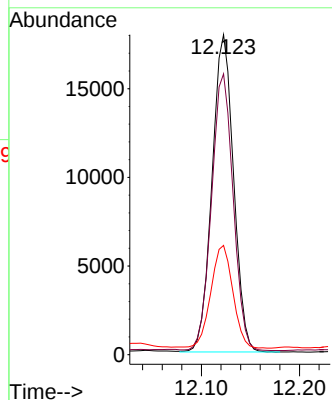
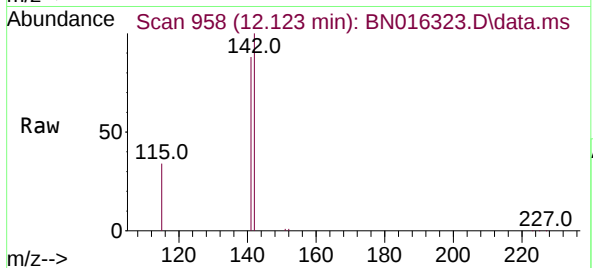




#12
2-Methylnaphthalene
Concen: 0.120 ng
RT: 12.123 min Scan# 958
Delta R.T. -0.005 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

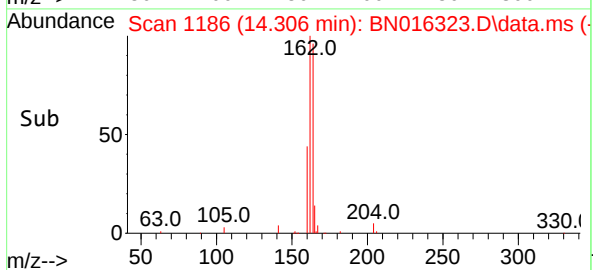
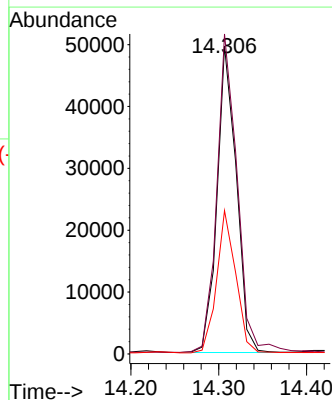
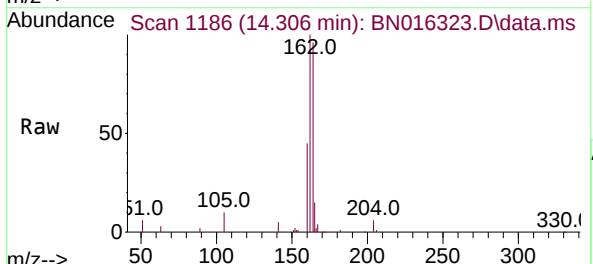
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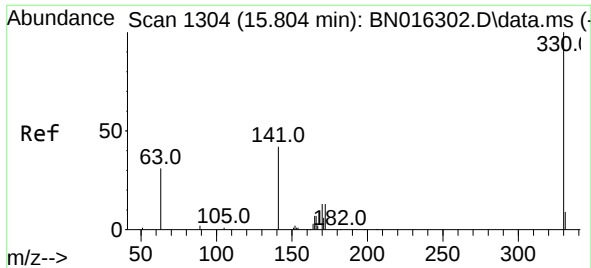
Tgt Ion:142 Resp: 27319
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.8
115 34.1 24.4 36.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.306 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

Tgt Ion:164 Resp: 75251
Ion Ratio Lower Upper
164 100
162 104.0 79.0 118.4
160 46.6 34.1 51.1

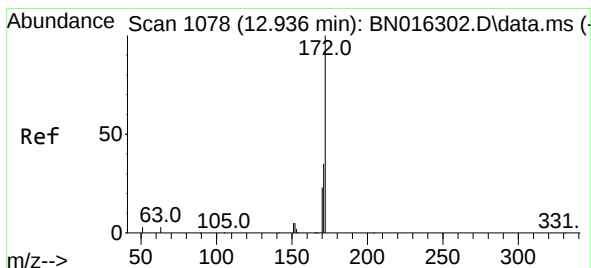
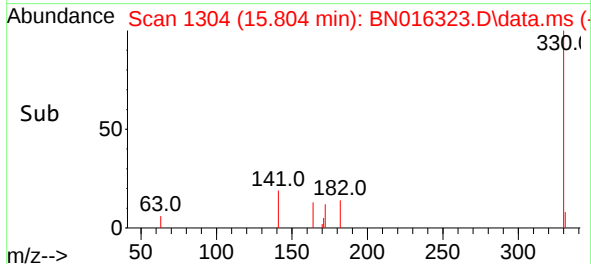
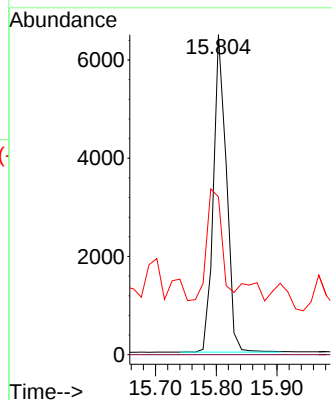
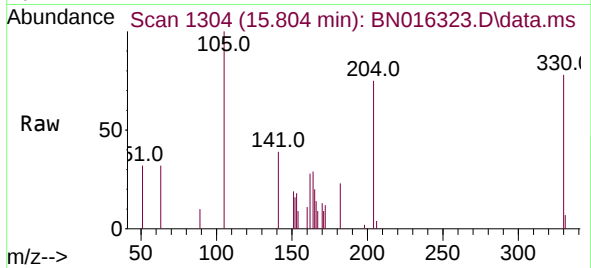




#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 15.804 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

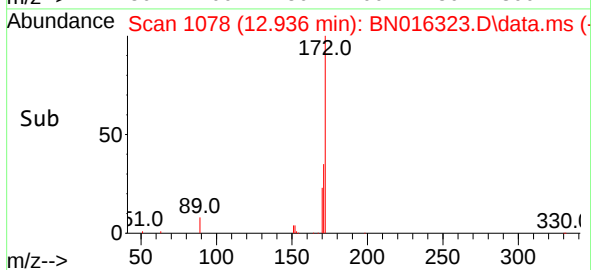
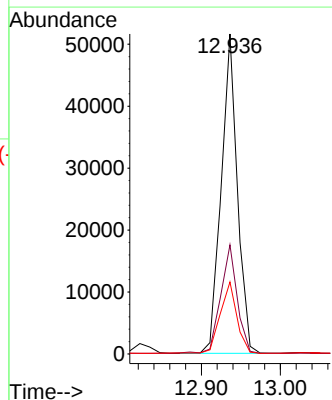
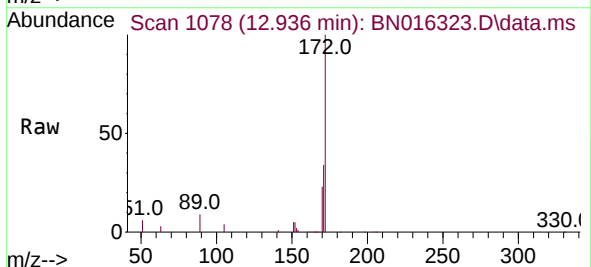
Instrument :
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SW-CB-04-(1.5)

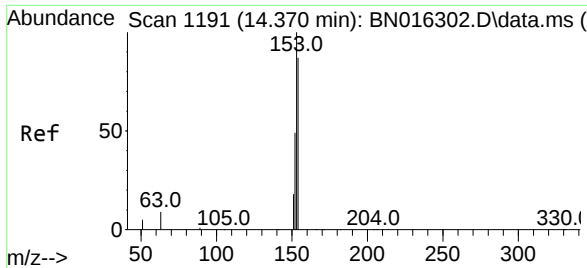
Tgt Ion:330 Resp: 9596
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.6 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 12.936 min Scan# 1078
Delta R.T. -0.000 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

Tgt Ion:172 Resp: 73309
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.6
170 22.5 18.2 27.2

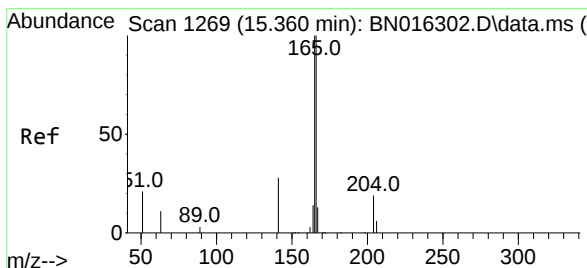
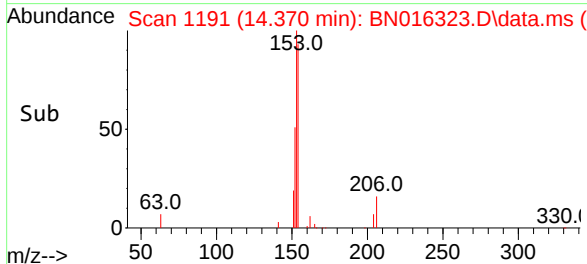
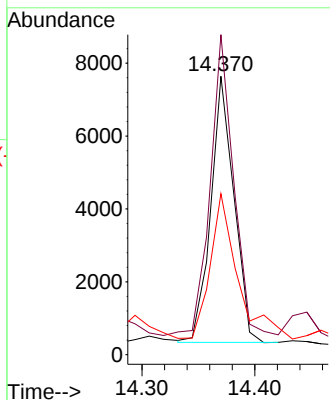
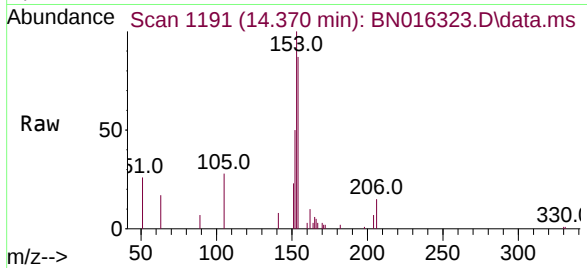




#17
Acenaphthene
Concen: 0.048 ng
RT: 14.370 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

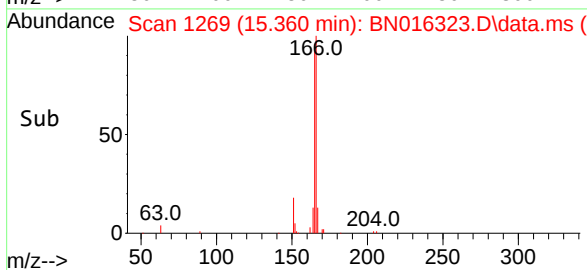
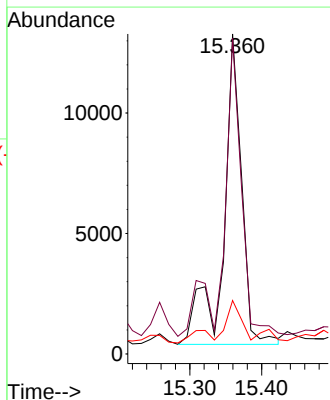
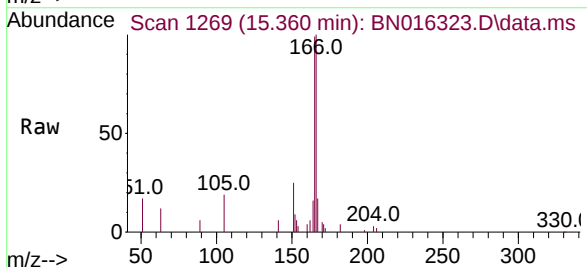
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

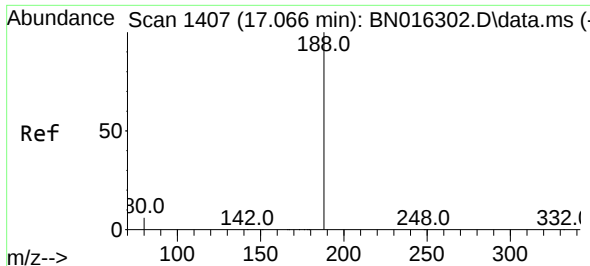
Tgt Ion:154 Resp: 10373
Ion Ratio Lower Upper
154 100
153 115.9 89.3 133.9
152 65.0 42.2 63.4#



#18
Fluorene
Concen: 0.085 ng
RT: 15.360 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

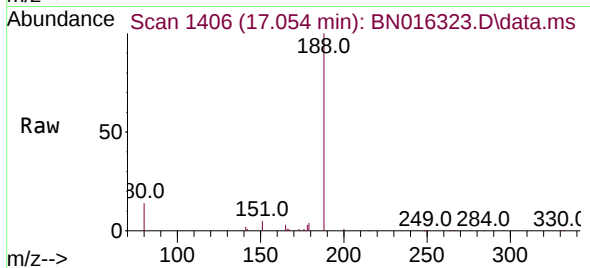
Tgt Ion:166 Resp: 22807
Ion Ratio Lower Upper
166 100
165 95.1 76.7 115.1
167 10.5 10.9 16.3#



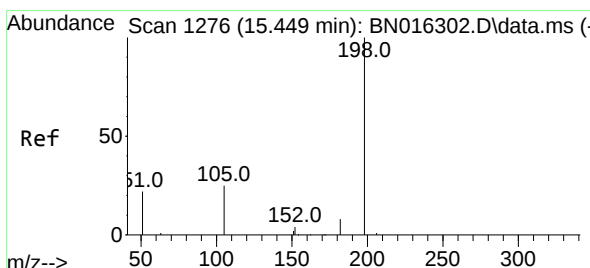
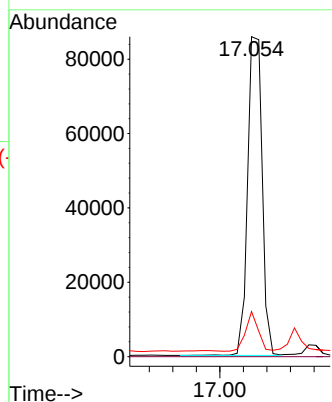
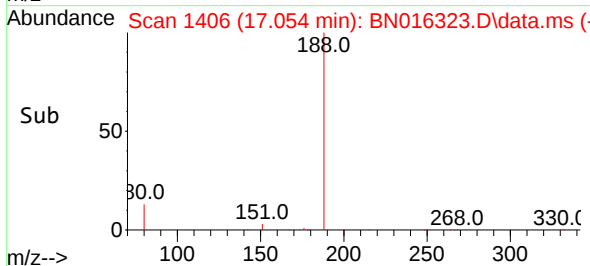


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

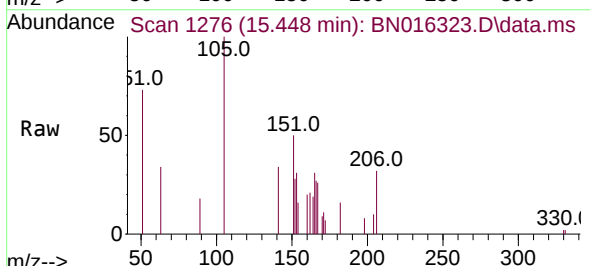
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)



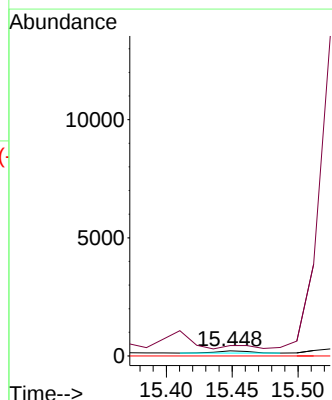
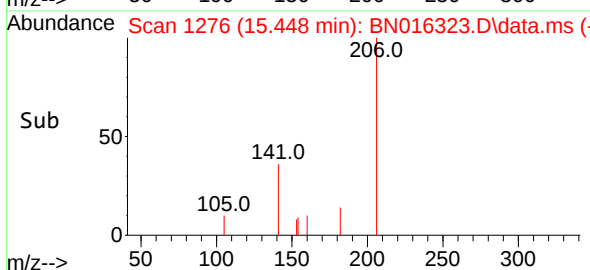
Tgt Ion:188 Resp: 147075
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 7.0 10.6#

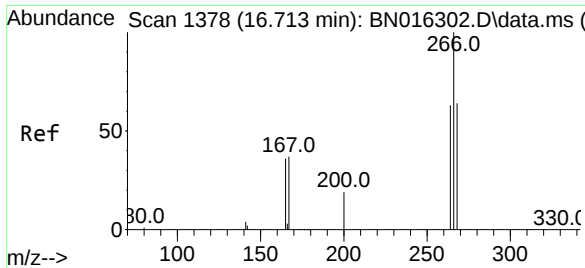


#20
4,6-Dinitro-2-methylphenol
Concen: 0.170 ng
RT: 15.448 min Scan# 1276
Delta R.T. -0.001 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56



Tgt Ion:198 Resp: 175
Ion Ratio Lower Upper
198 100
182 200.0 26.6 39.8#
77 0.0 0.0 0.0

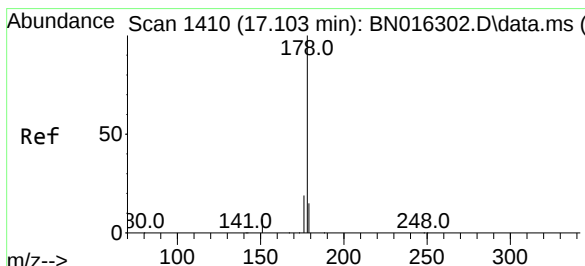
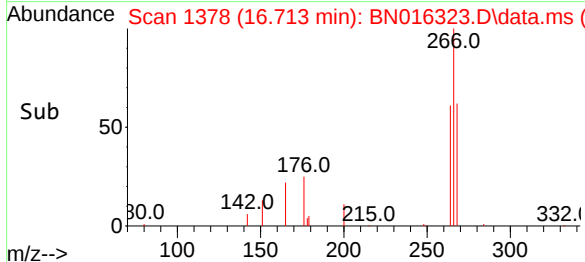
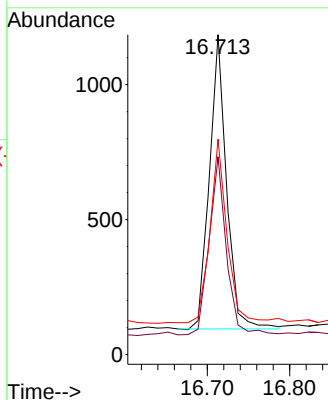
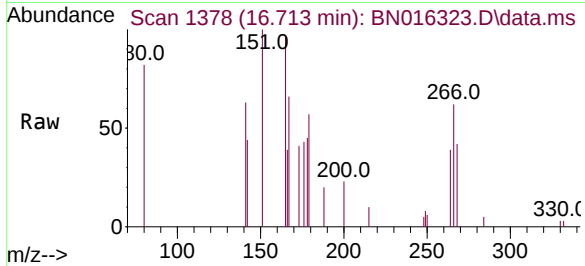




#24
 Pentachlorophenol
 Concen: 0.057 ng
 RT: 16.713 min Scan# 1378
 Delta R.T. -0.000 min
 Lab File: BN016323.D
 Acq: 18 Sep 2021 07:56

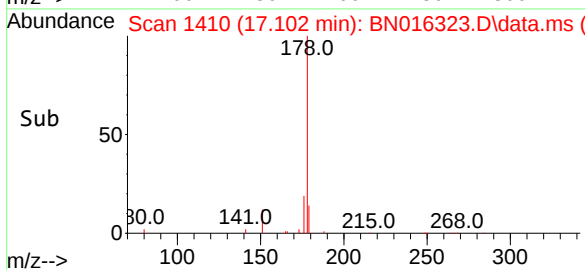
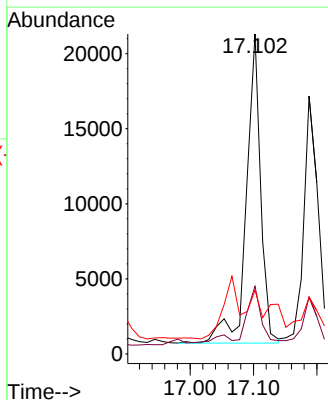
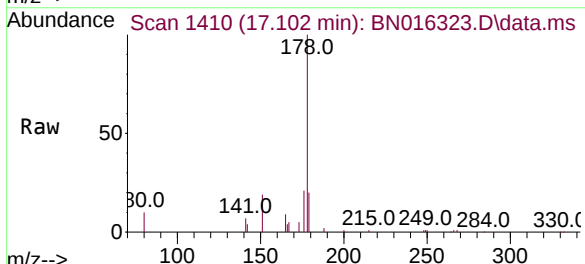
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

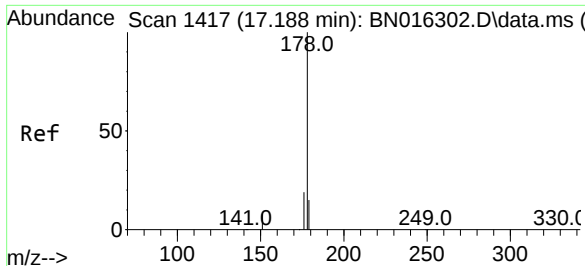
Tgt Ion:	266	Resp:	1574
Ion Ratio	Lower	Upper	
266	100		
264	60.8	50.6	75.8
268	64.9	52.6	79.0



#25
 Phenanthrene
 Concen: 0.078 ng
 RT: 17.102 min Scan# 1410
 Delta R.T. -0.000 min
 Lab File: BN016323.D
 Acq: 18 Sep 2021 07:56

Tgt Ion:	178	Resp:	32359
Ion Ratio	Lower	Upper	
178	100		
176	21.2	14.4	21.6
179	17.6	12.2	18.4

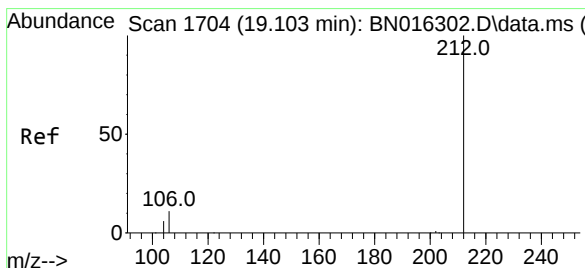
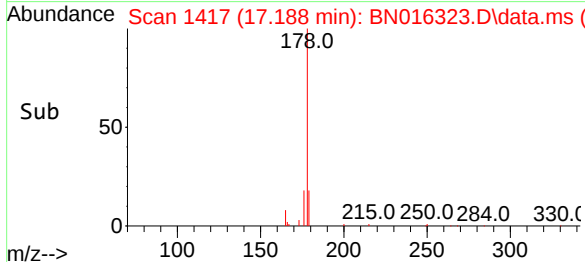
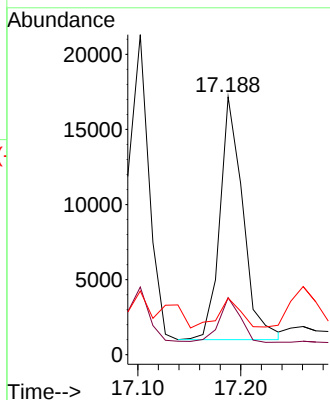
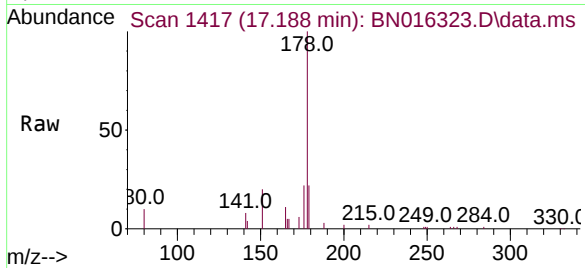




#26
 Anthracene
 Concen: 0.062 ng
 RT: 17.188 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: BN016323.D
 Acq: 18 Sep 2021 07:56

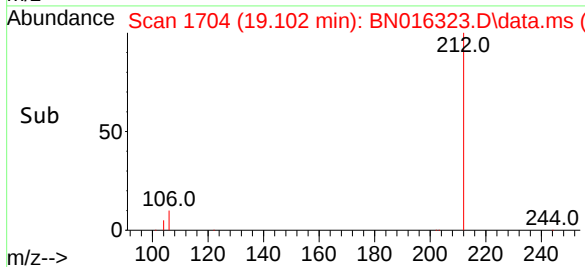
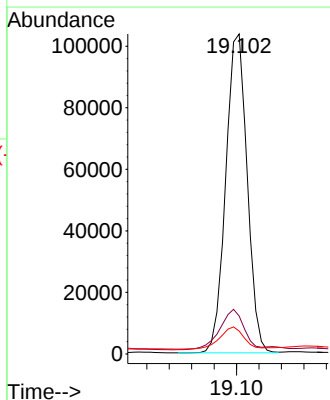
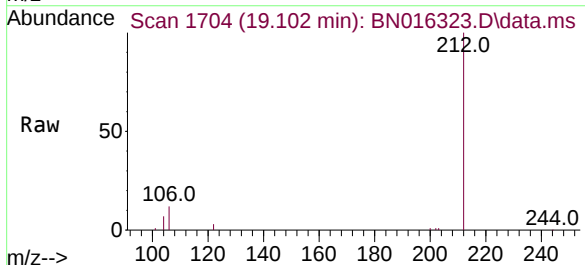
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

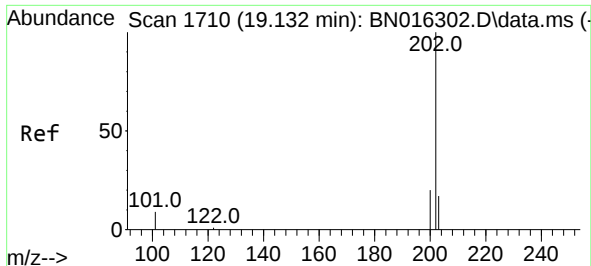
Tgt Ion:178	Resp:	25156
Ion Ratio	Lower	Upper
178	100	
176	16.8	13.9 20.9
179	11.9	12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.322 ng
 RT: 19.102 min Scan# 1704
 Delta R.T. -0.000 min
 Lab File: BN016323.D
 Acq: 18 Sep 2021 07:56

Tgt Ion:212	Resp:	137278
Ion Ratio	Lower	Upper
212	100	
106	14.3	9.8 14.6
104	7.8	5.4 8.2

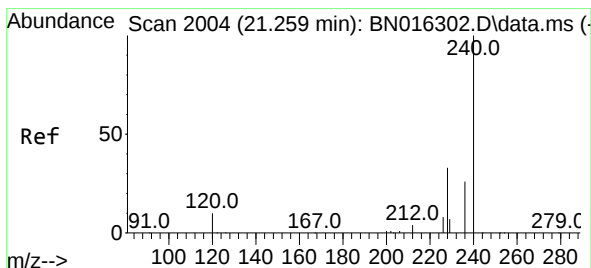
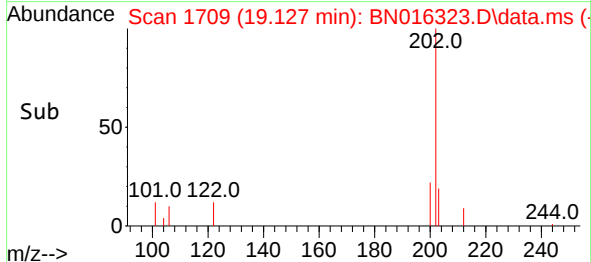
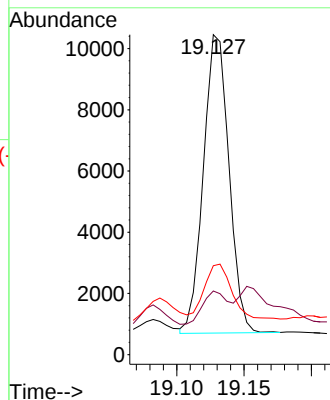
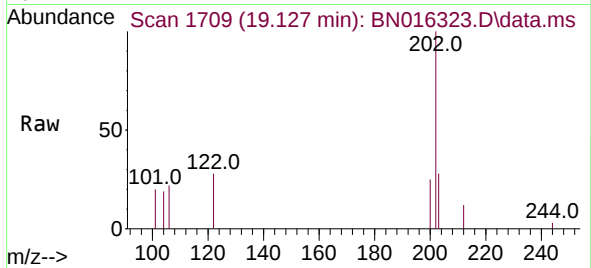




#28
Fluoranthene
Concen: 0.027 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

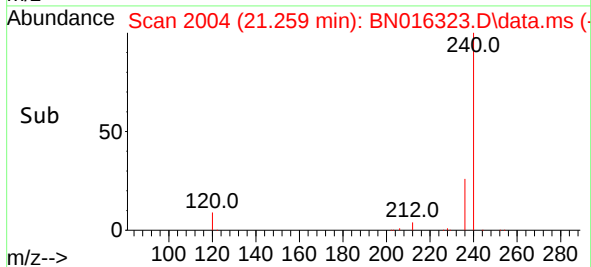
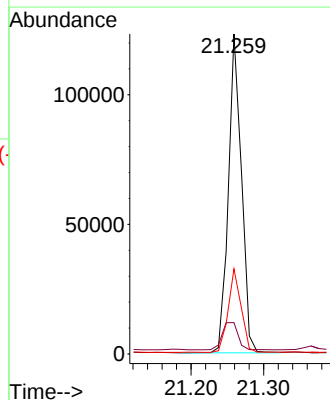
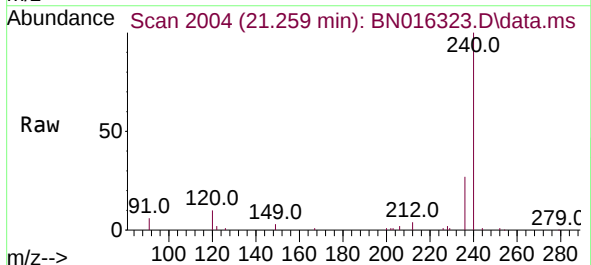
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

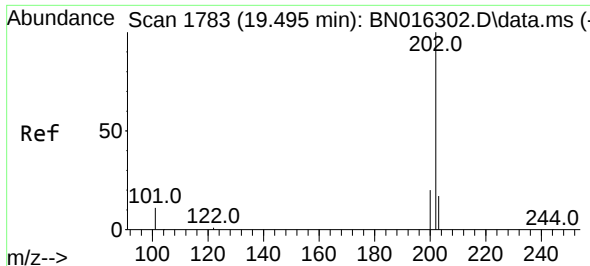
Tgt Ion:202 Resp: 12883
Ion Ratio Lower Upper
202 100
101 11.5 8.5 12.7
203 19.4 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

Tgt Ion:240 Resp: 153272
Ion Ratio Lower Upper
240 100
120 9.8 5.3 7.9#
236 26.6 19.8 29.8

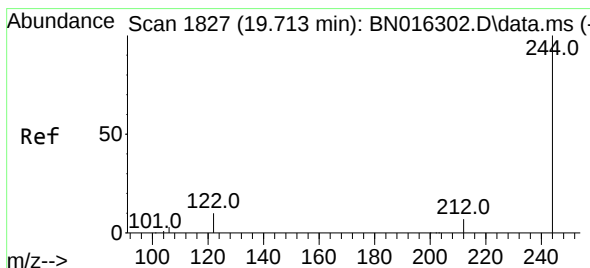
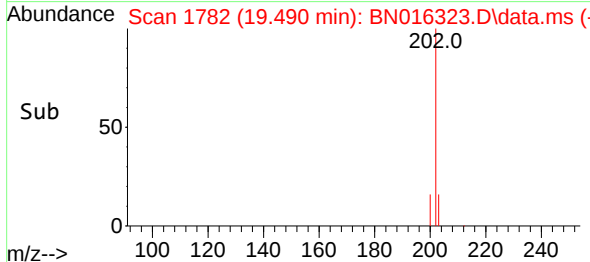
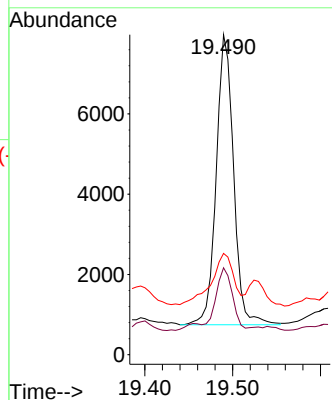
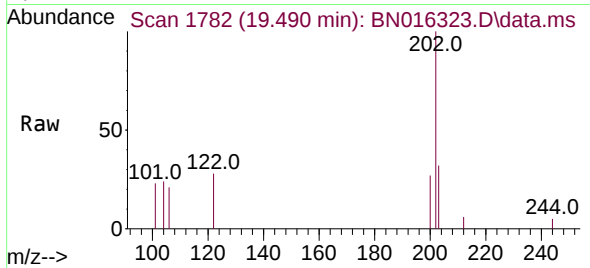




#30
Pyrene
Concen: 0.021 ng
RT: 19.490 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

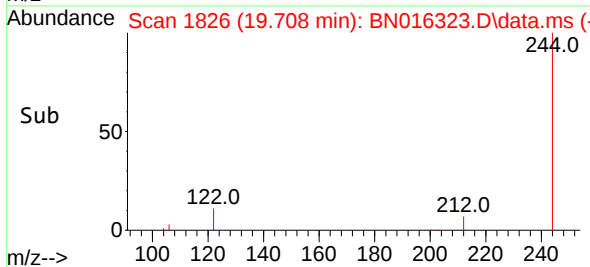
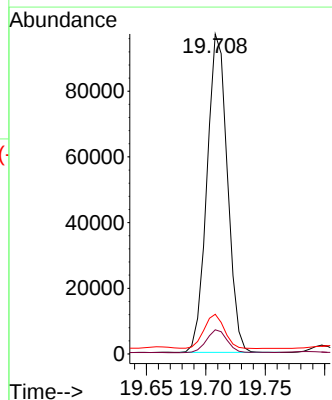
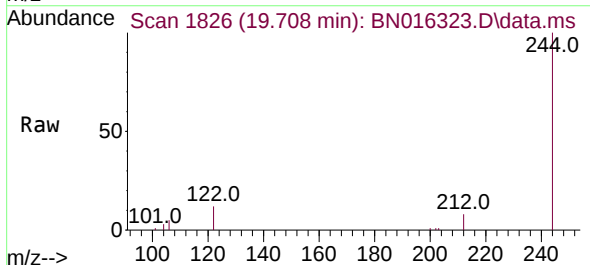
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.5)

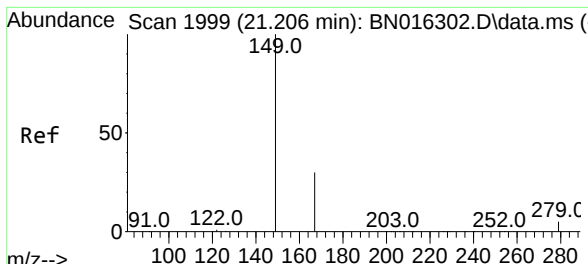
Tgt Ion:202 Resp: 9949
Ion Ratio Lower Upper
202 100
200 19.0 15.8 23.6
203 22.1 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.327 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.005 min
Lab File: BN016323.D
Acq: 18 Sep 2021 07:56

Tgt Ion:244 Resp: 116065
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 12.4 9.0 13.4

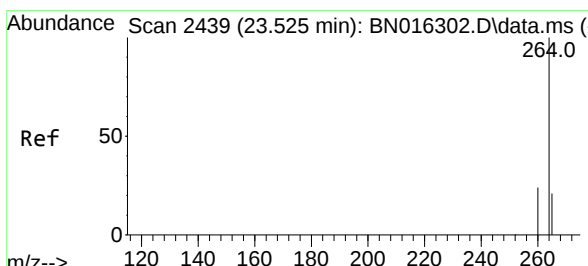
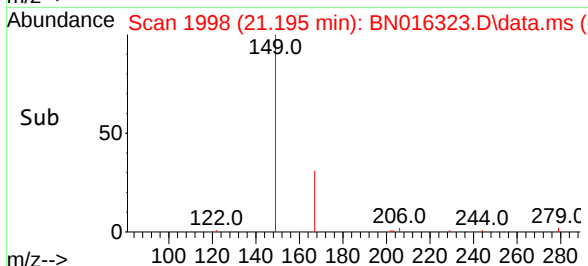
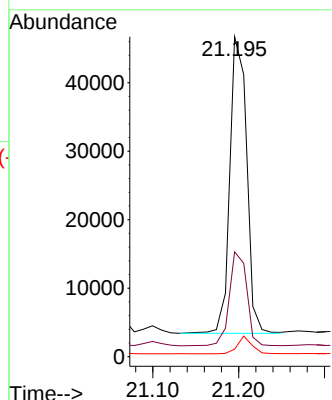
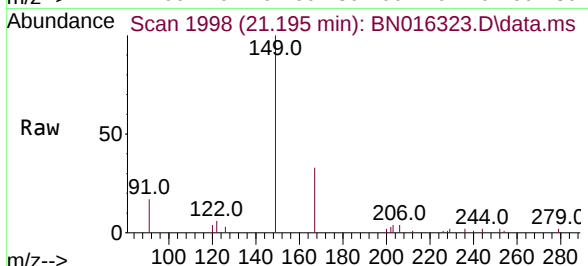




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.222 ng
 RT: 21.195 min Scan# 1998
 Delta R.T. -0.011 min
 Lab File: BN016323.D
 Acq: 18 Sep 2021 07:56

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.5)

Tgt Ion:	149	Resp:	59079
Ion Ratio	Lower	Upper	
149	100		
167	32.8	23.4	35.0
279	5.1	3.9	5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.525 min Scan# 2439
 Delta R.T. -0.000 min
 Lab File: BN016323.D
 Acq: 18 Sep 2021 07:56

Tgt Ion:	264	Resp:	165222
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.9	28.3
265	27.8	23.7	35.5

