

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
 Data File : BN015584.D
 Acq On : 15 Jul 2021 18:24
 Operator : CG/JU
 Sample : M2799-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-1-GW

Quant Time: Jul 15 18:54:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 15 15:46:51 2021
 Response via : Initial Calibration

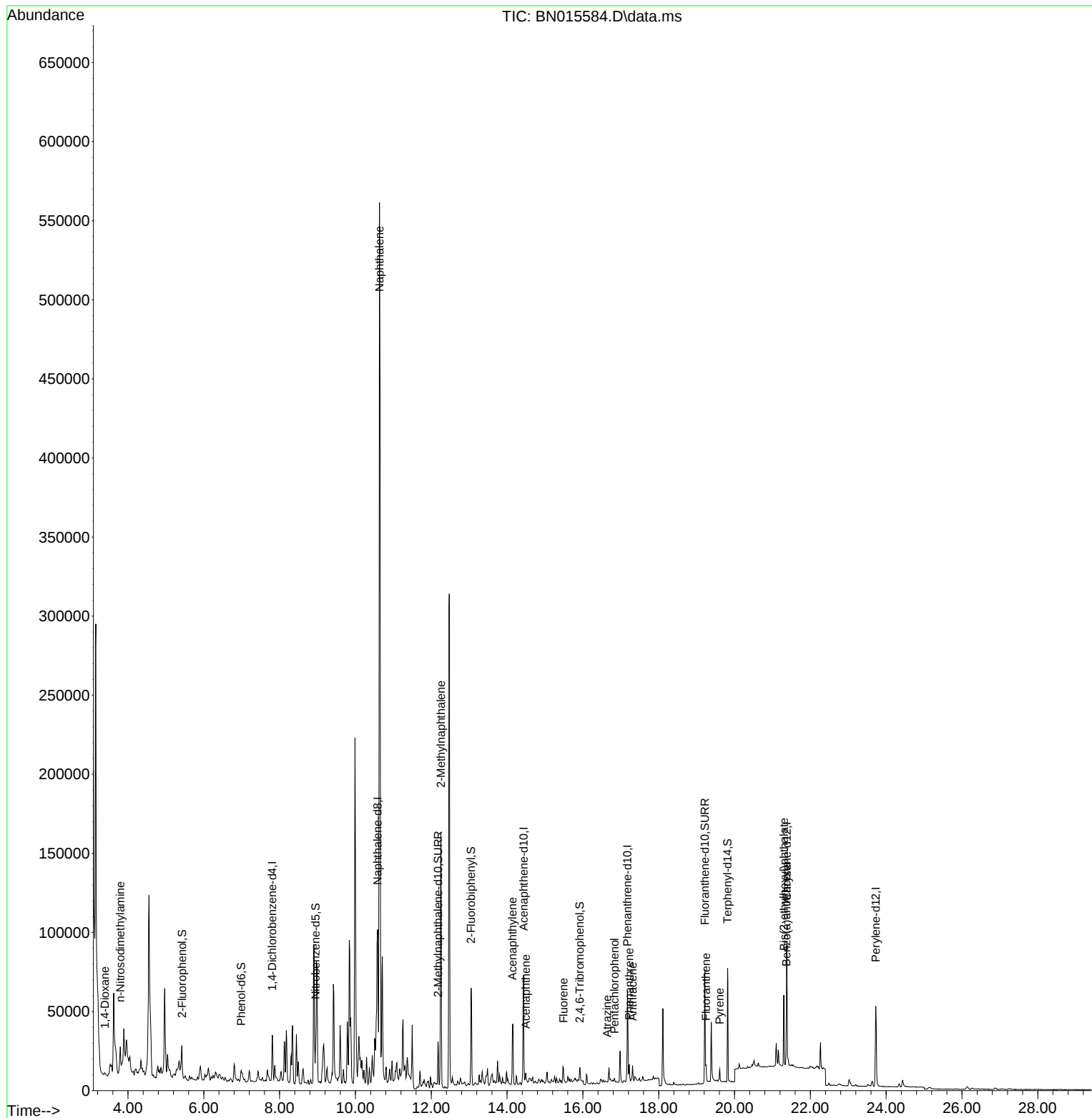
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	15474	0.400	ng	# 0.00
7) Naphthalene-d8	10.584	136	68254	0.400	ng	# 0.00
13) Acenaphthene-d10	14.434	164	39698	0.400	ng	0.00
19) Phenanthrene-d10	17.176	188	74278	0.400	ng	0.00
29) Chrysene-d12	21.376	240	68323	0.400	ng	# 0.00
35) Perylene-d12	23.727	264	69994	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.429	112	7341	0.165	ng	0.04
5) Phenol-d6	6.988	99	6097	0.116	ng	0.00
8) Nitrobenzene-d5	8.949	82	19932	0.406	ng	0.00
11) 2-Methylnaphthalene-d10	12.181	152	38745	0.345	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	6595	0.459	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	57323	0.358	ng	0.00
27) Fluoranthene-d10	19.217	212	77551	0.345	ng	0.00
31) Terphenyl-d14	19.817	244	69338	0.428	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.392	88	236	0.031	ng	# 1
3) n-Nitrosodimethylamine	3.797	42	1339	0.105	ng	# 1
9) Naphthalene	10.635	128	686834	3.466	ng	97
12) 2-Methylnaphthalene	12.252	142	113196	0.901	ng	# 91
16) Acenaphthylene	14.142	152	40793	0.221	ng	# 96
17) Acenaphthene	14.497	154	3340	0.027	ng	# 89
18) Fluorene	15.487	166	7383	0.050	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.563	198	84	Below Cal		# 1
23) Atrazine	16.640	200	199	0.100	ng	# 1
24) Pentachlorophenol	16.835	266	995	0.351	ng	95
25) Phenanthrene	17.224	178	12573	0.052	ng	97
26) Anthracene	17.310	178	9581	0.046	ng	# 95
28) Fluoranthene	19.246	202	8967	0.034	ng	# 68
30) Pyrene	19.609	202	7100	0.027	ng	# 91
32) Benzo(a)anthracene	21.365	228	5007	0.021	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.302	149	39996	0.391	ng	# 88

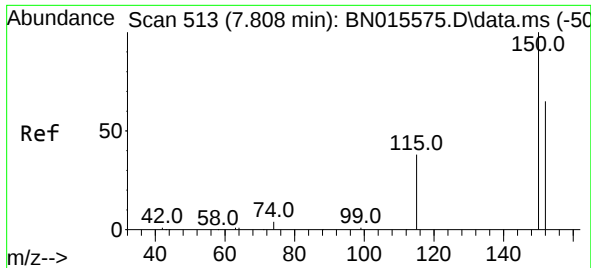
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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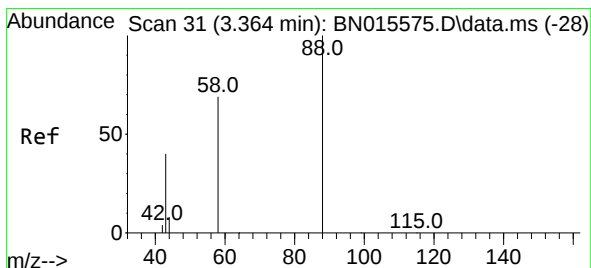
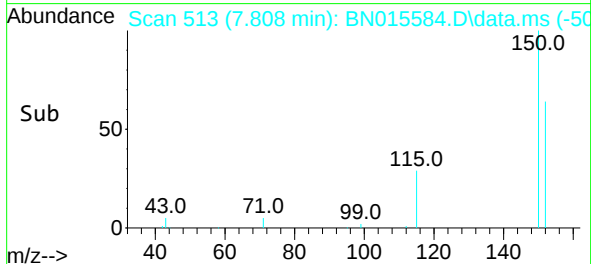
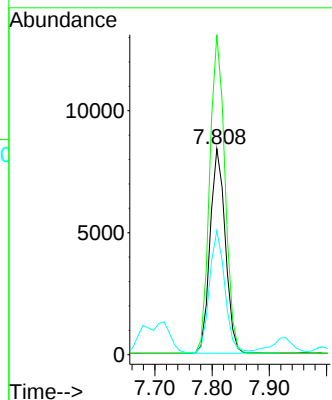
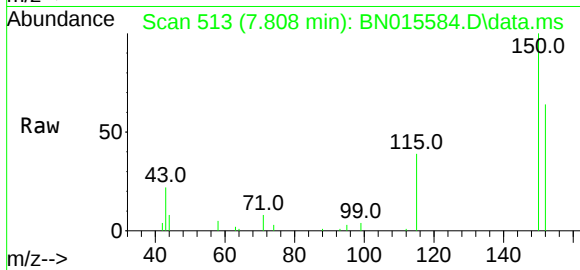




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.808 min Scan# 513
 Delta R.T. 0.000 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

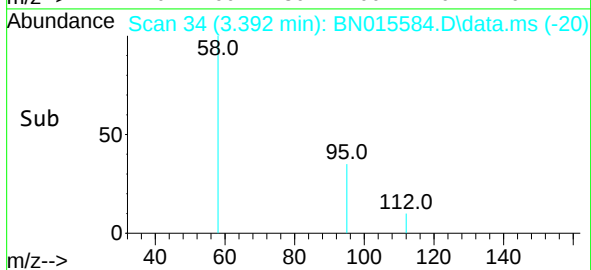
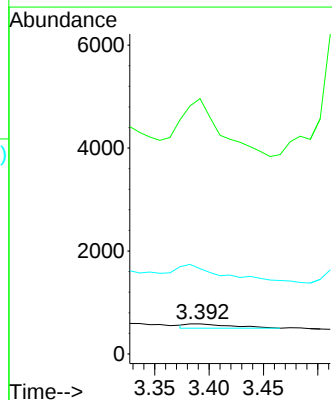
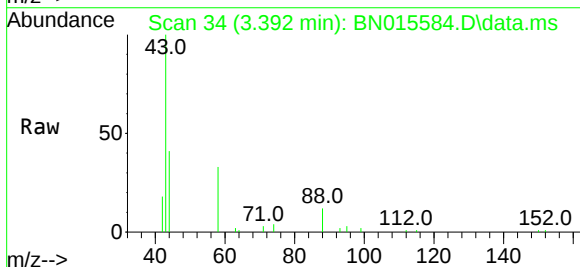
Instrument :
 BNA_N
 ClientSampleId :
 SB-1-GW

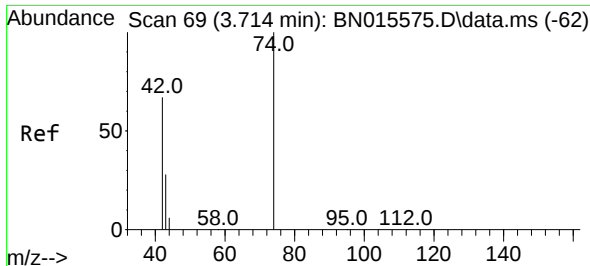
Tgt Ion:152 Resp: 15474
 Ion Ratio Lower Upper
 152 100
 150 155.4 119.0 178.6
 115 60.2 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.031 ng
 RT: 3.392 min Scan# 34
 Delta R.T. 0.027 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

Tgt Ion: 88 Resp: 236
 Ion Ratio Lower Upper
 88 100
 43 1236.4 12.9 19.3#
 58 380.5 38.1 57.1#

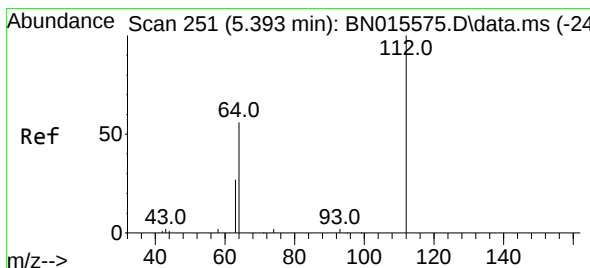
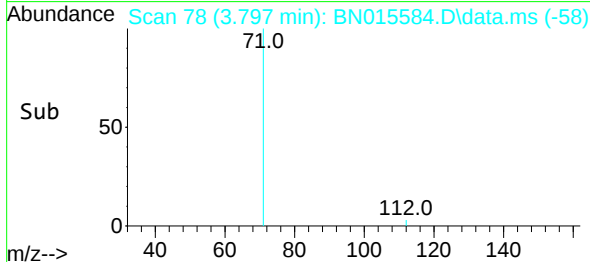
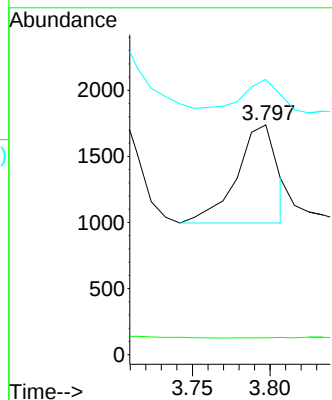
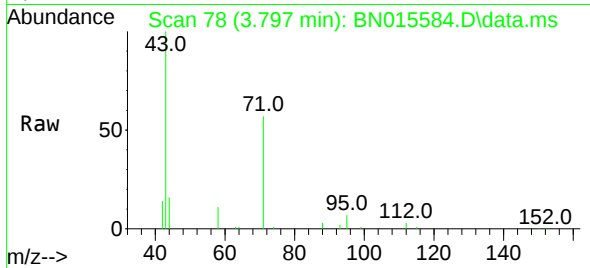




#3
n-Nitrosodimethylamine
Concen: 0.105 ng
RT: 3.797 min Scan# 78
Delta R.T. 0.083 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

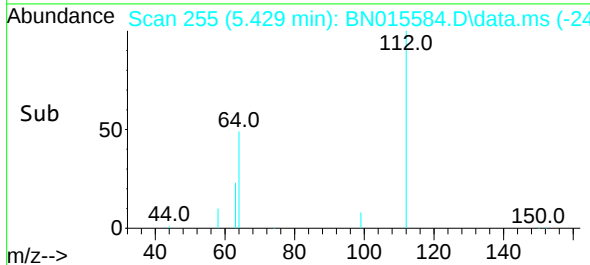
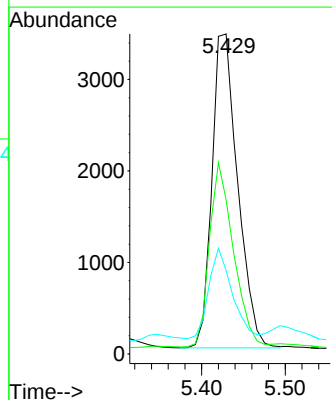
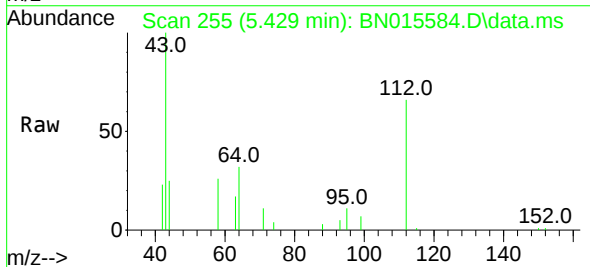
Instrument :
BNA_N
ClientSampled :
SB-1-GW

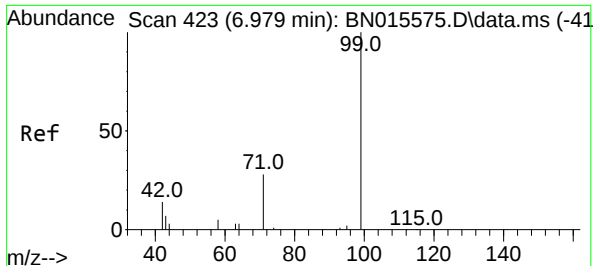
Tgt Ion: 42 Resp: 1339
Ion Ratio Lower Upper
42 100
74 0.0 149.5 224.3#
44 21.4 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.429 min Scan# 255
Delta R.T. 0.037 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion: 112 Resp: 7341
Ion Ratio Lower Upper
112 100
64 54.7 39.0 58.6
63 26.0 20.6 30.8

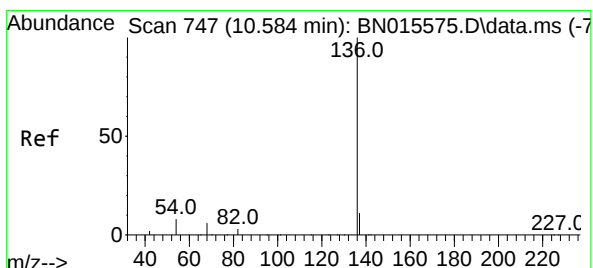
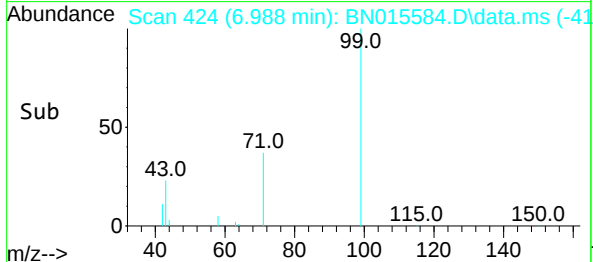
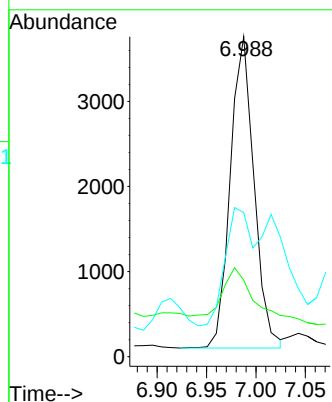
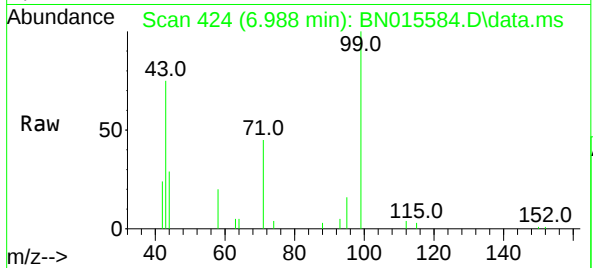




#5
Phenol-d6
Concen: 0.116 ng
RT: 6.988 min Scan# 424
Delta R.T. 0.009 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

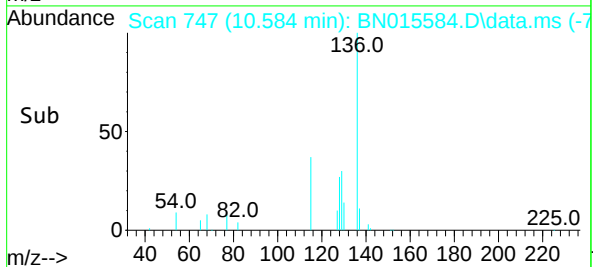
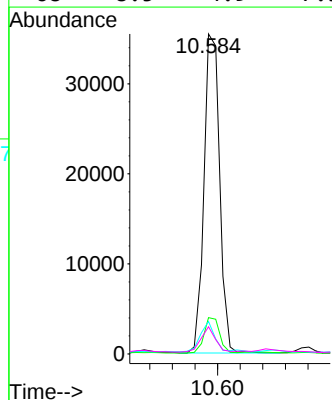
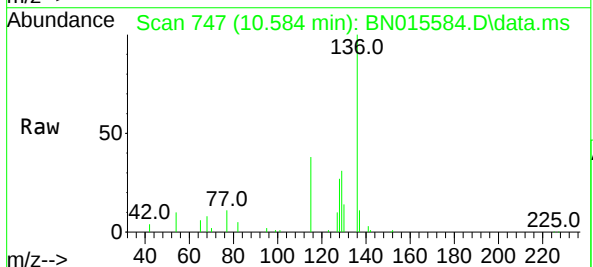
Instrument :
BNA_N
ClientSampled :
SB-1-GW

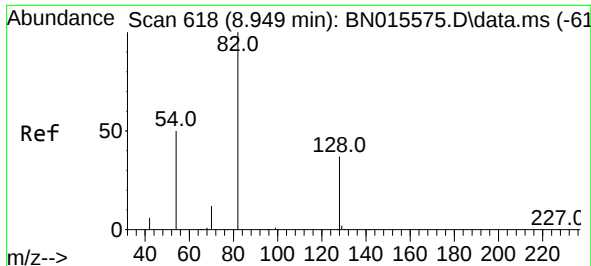
Tgt Ion: 99 Resp: 6097
Ion Ratio Lower Upper
99 100
42 20.0 8.9 13.3#
71 42.5 35.6 53.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 747
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

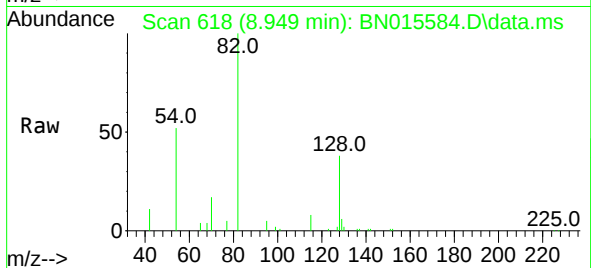
Tgt Ion: 136 Resp: 68254
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.8
54 10.2 5.4 8.2#
68 8.5 4.9 7.3#



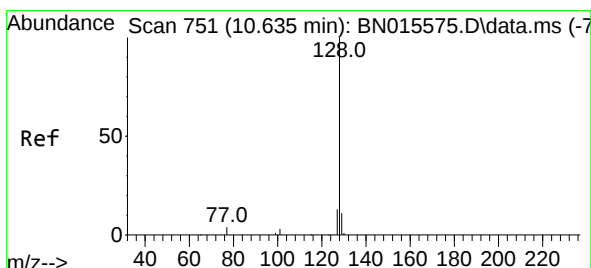
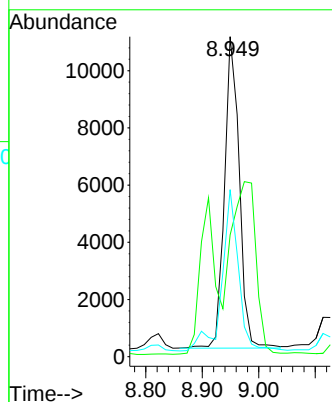
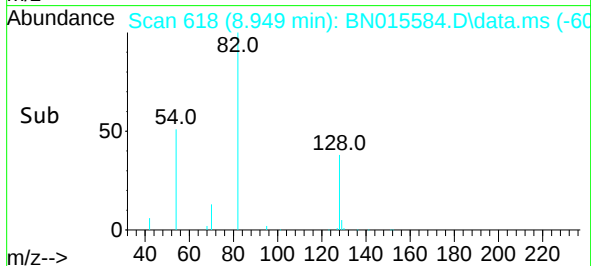


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.949 min Scan# 618
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

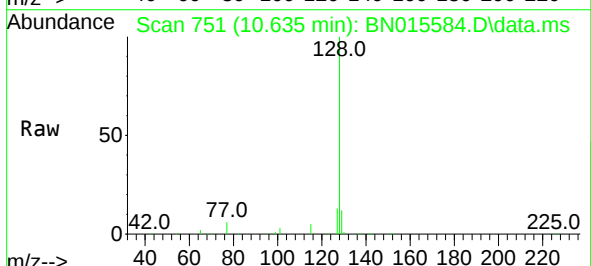
Instrument :
BNA_N
ClientSampled :
SB-1-GW



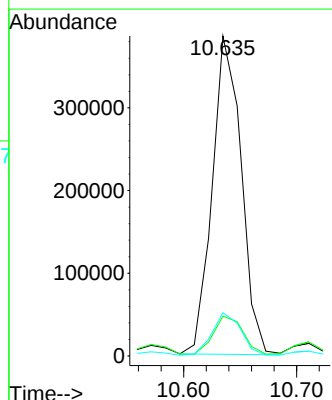
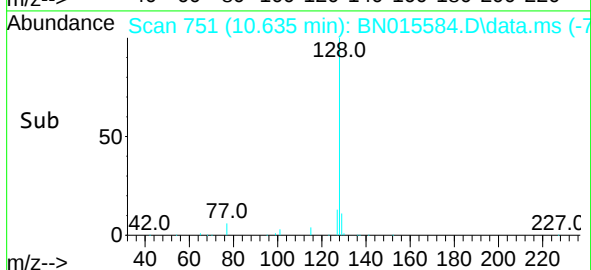
Tgt Ion: 82 Resp: 19932
Ion Ratio Lower Upper
82 100
128 38.1 31.6 47.4
54 52.2 29.0 43.4#

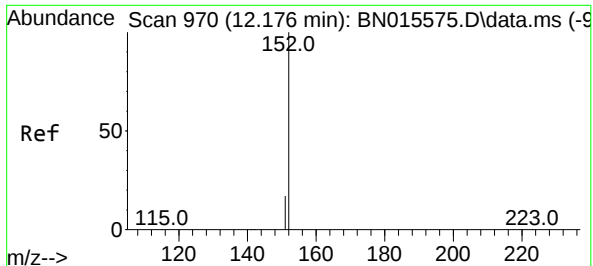


#9
Naphthalene
Concen: 3.466 ng
RT: 10.635 min Scan# 751
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24



Tgt Ion: 128 Resp: 686834
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 13.5 11.8 17.6

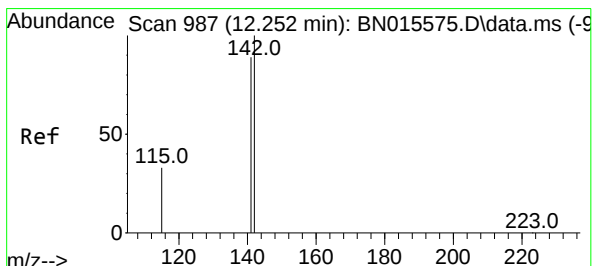
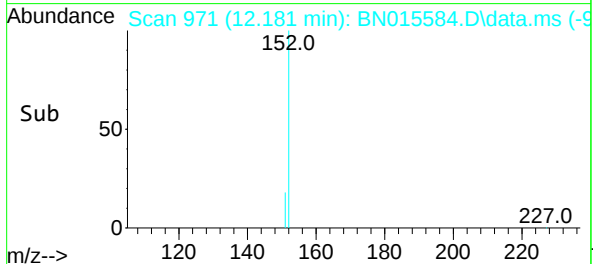
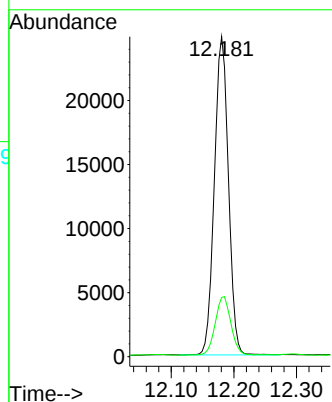
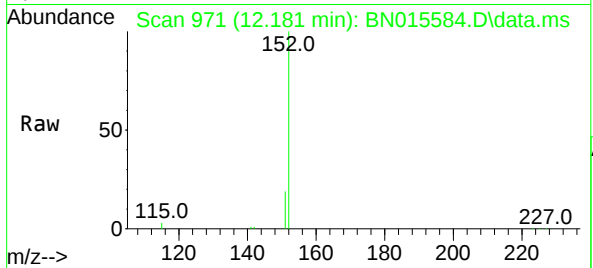




#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.181 min Scan# 971
Delta R.T. 0.004 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

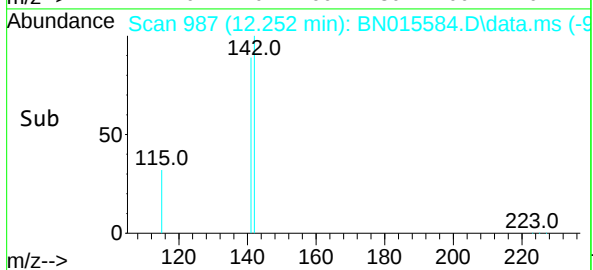
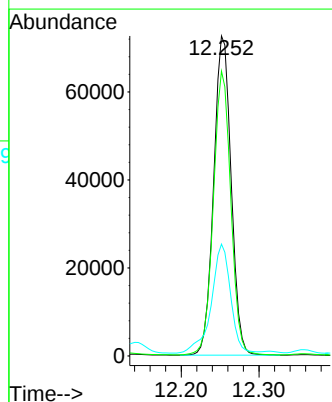
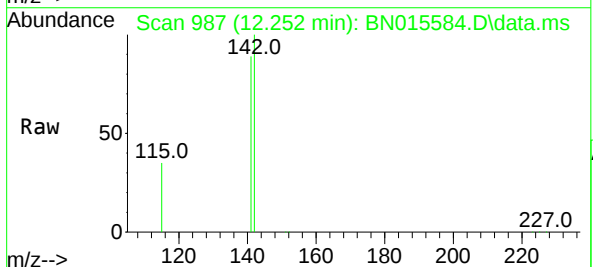
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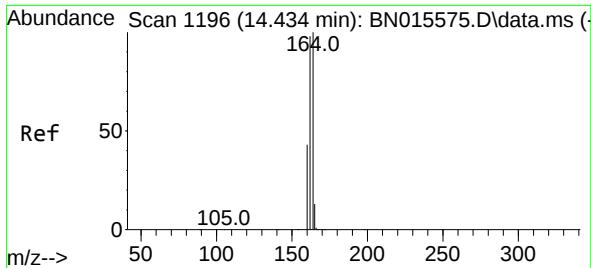
Tgt Ion:152 Resp: 38745
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.901 ng
RT: 12.252 min Scan# 987
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:142 Resp: 113196
Ion Ratio Lower Upper
142 100
141 89.0 72.3 108.5
115 34.9 40.7 61.1#

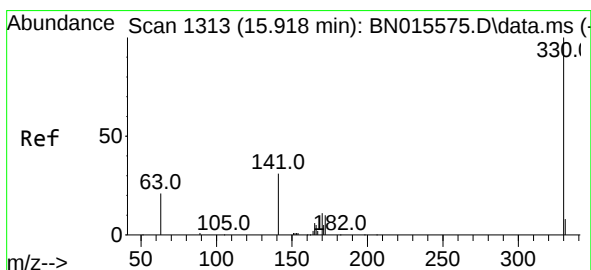
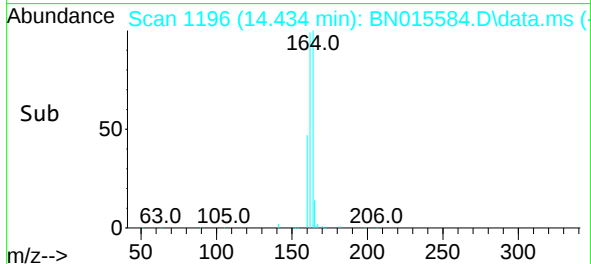
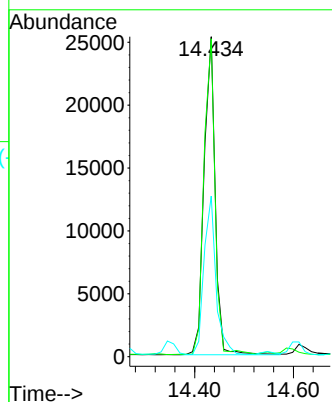
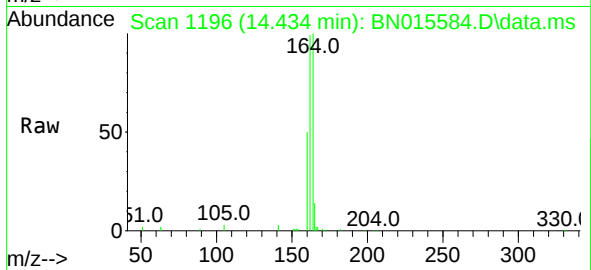




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.434 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

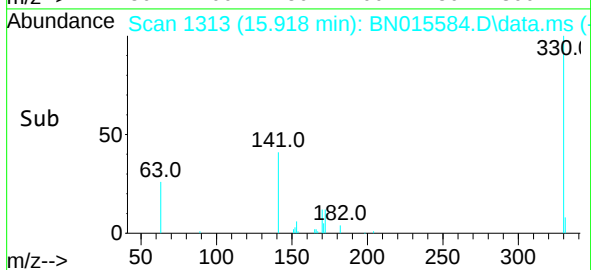
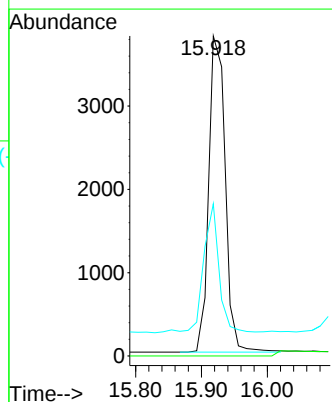
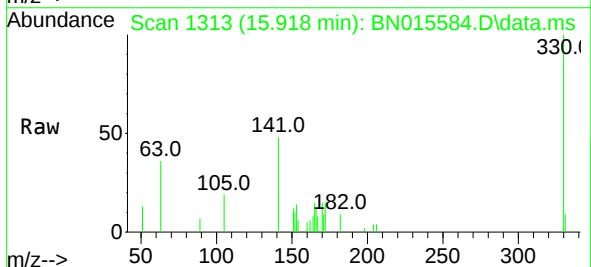
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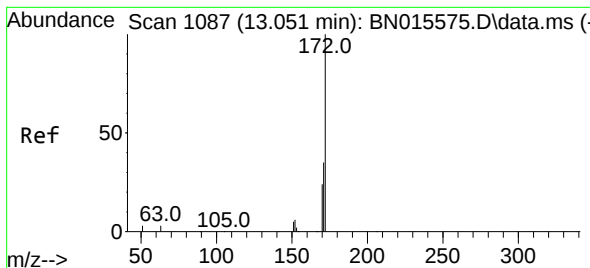
Tgt Ion:164 Resp: 39698
Ion Ratio Lower Upper
164 100
162 99.4 83.8 125.6
160 50.2 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.459 ng
RT: 15.918 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:330 Resp: 6595
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.1 22.4 33.6#

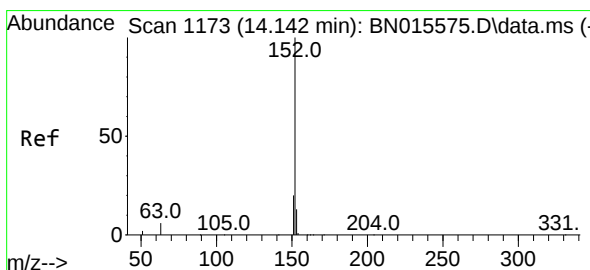
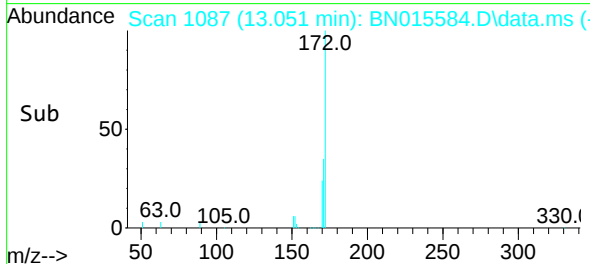
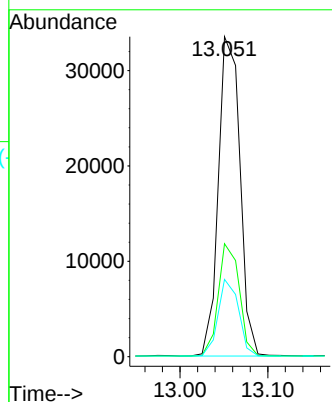
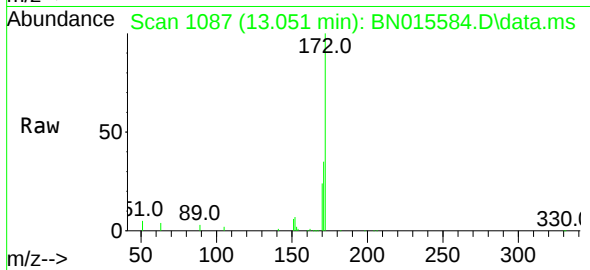




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.051 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

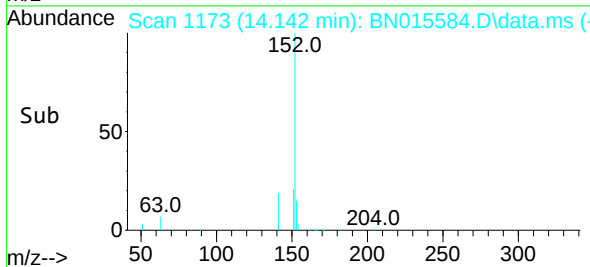
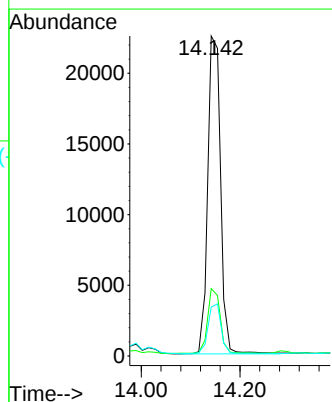
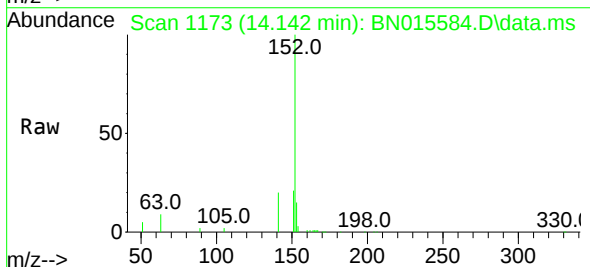
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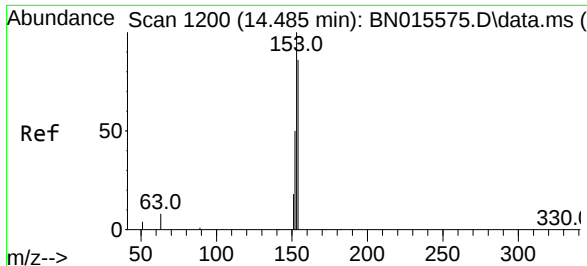
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Ion Ratio Lower Upper
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171 35.3 30.6 45.8
170 24.1 20.2 30.4



#16
Acenaphthylene
Concen: 0.221 ng
RT: 14.142 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:152 Resp: 40793
Ion Ratio Lower Upper
152 100
151 20.1 16.7 25.1
153 15.8 10.5 15.7#

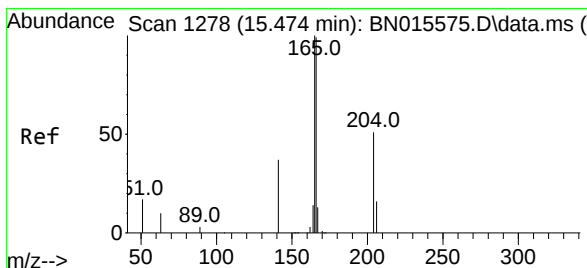
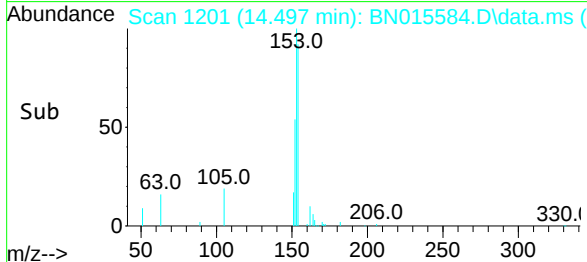
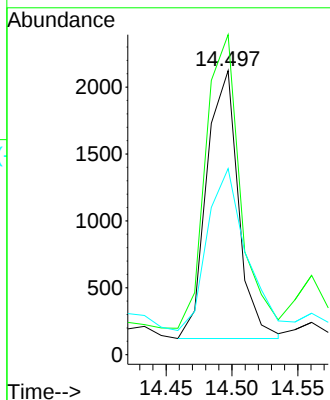
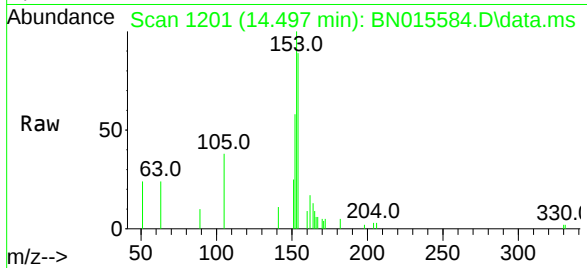




#17
Acenaphthene
Concen: 0.027 ng
RT: 14.497 min Scan# 1201
Delta R.T. 0.012 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

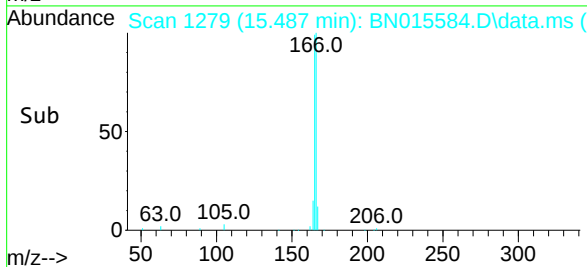
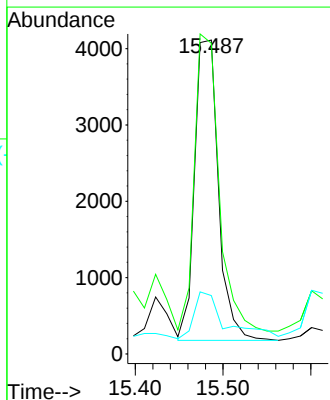
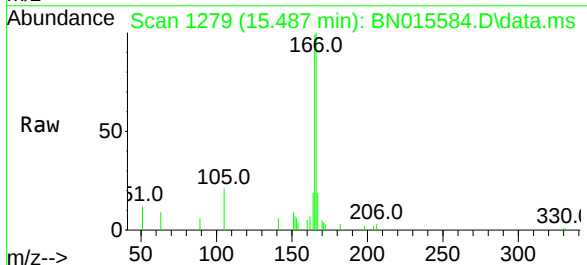
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

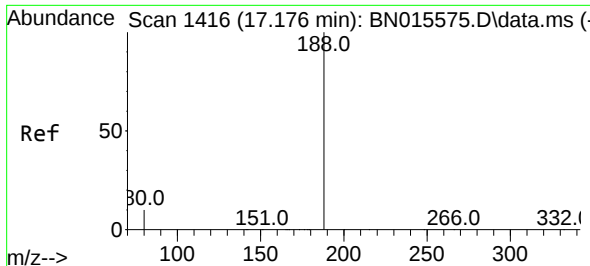
Tgt Ion:154 Resp: 3340
Ion Ratio Lower Upper
154 100
153 118.1 90.9 136.3
152 75.2 45.8 68.8#



#18
Fluorene
Concen: 0.050 ng
RT: 15.487 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:166 Resp: 7383
Ion Ratio Lower Upper
166 100
165 102.0 79.2 118.8
167 20.6 10.7 16.1#

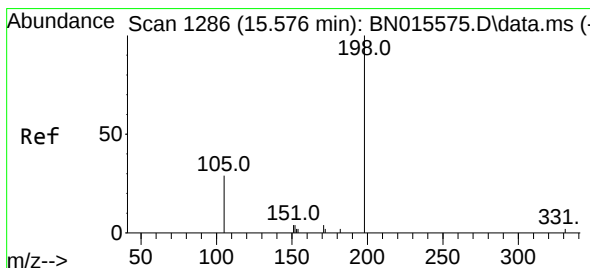
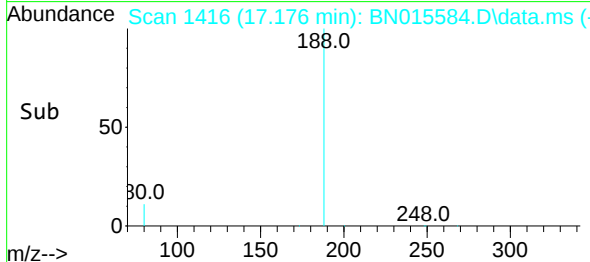
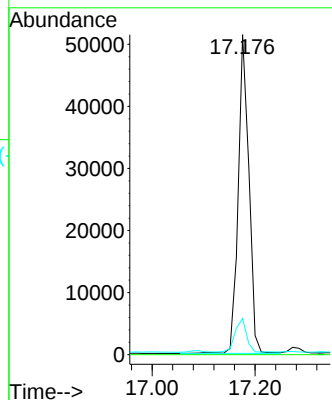
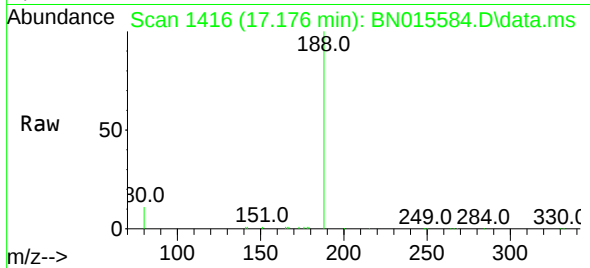




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.176 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

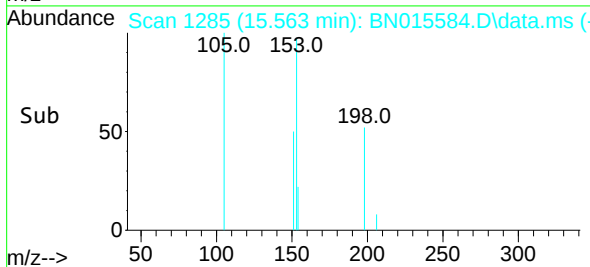
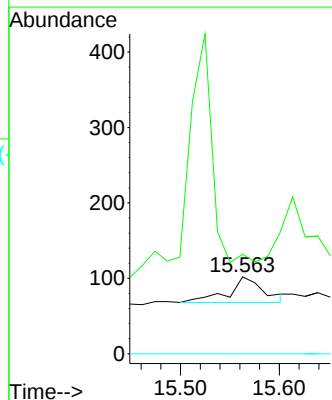
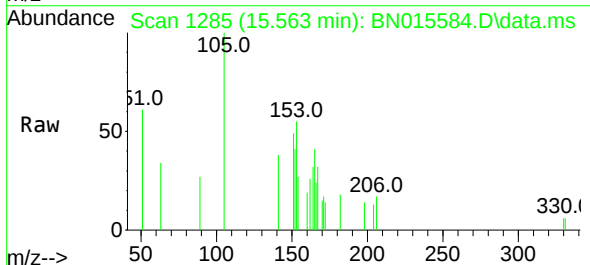
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

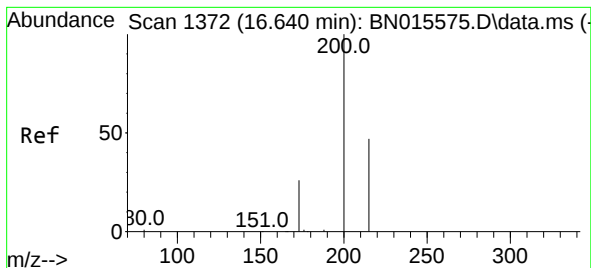
Tgt Ion:188 Resp: 74278
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.563 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:198 Resp: 84
Ion Ratio Lower Upper
198 100
182 129.4 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.100 ng

RT: 16.640 min Scan# 1372

Delta R.T. 0.000 min

Lab File: BN015584.D

Acq: 15 Jul 2021 18:24

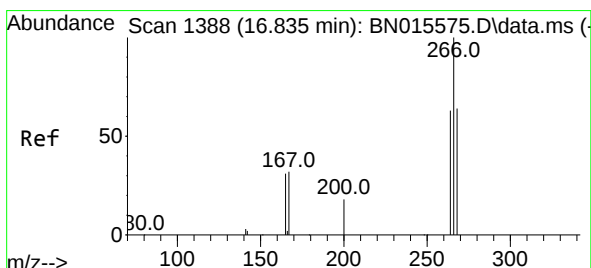
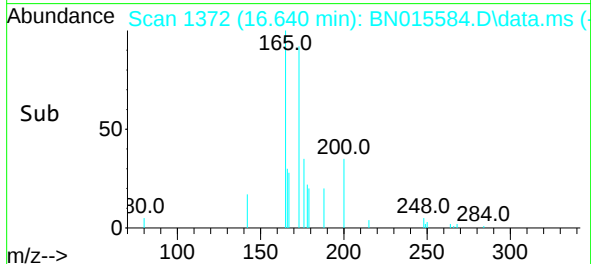
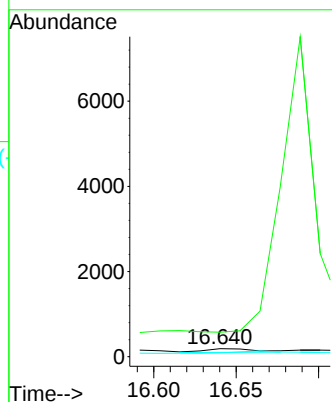
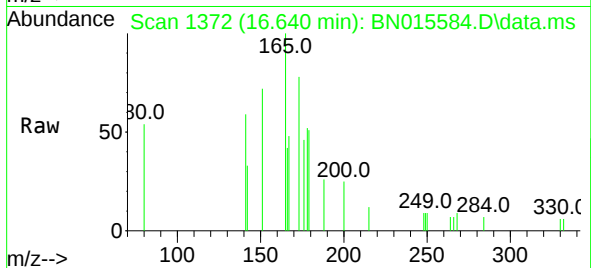
Instrument :

BNA_N

ClientSampled :

SB-1-GW

Tgt Ion:	200	Resp:	199
Ion	Ratio	Lower	Upper
200	100		
173	307.5	21.7	32.5#
215	49.2	43.1	64.7



#24

Pentachlorophenol

Concen: 0.351 ng

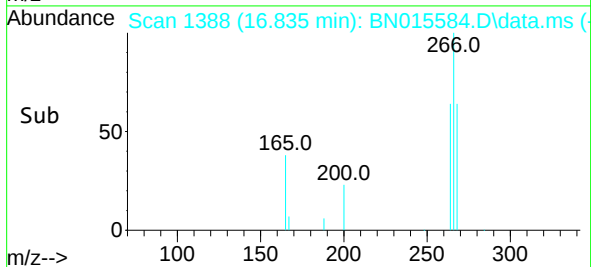
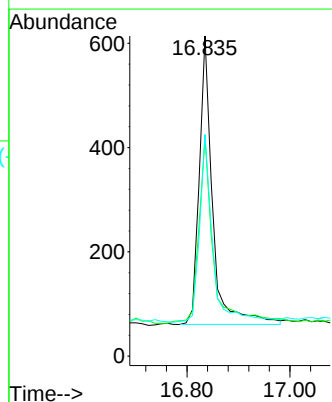
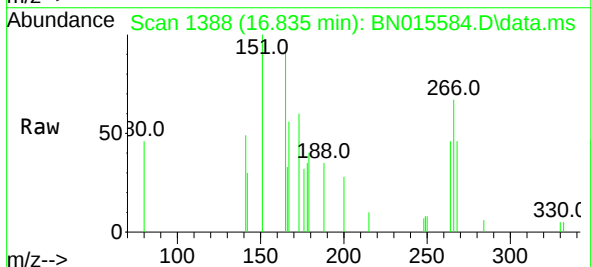
RT: 16.835 min Scan# 1388

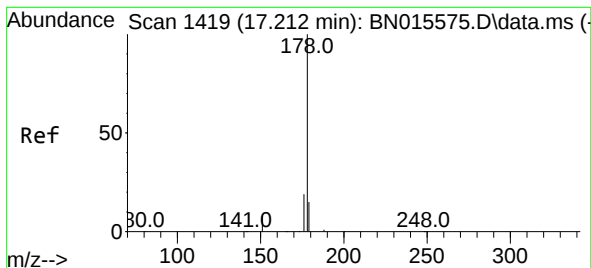
Delta R.T. -0.000 min

Lab File: BN015584.D

Acq: 15 Jul 2021 18:24

Tgt Ion:	266	Resp:	995
Ion	Ratio	Lower	Upper
266	100		
264	69.4	51.0	76.4
268	64.7	50.6	76.0

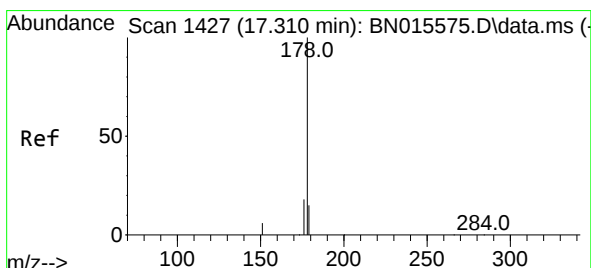
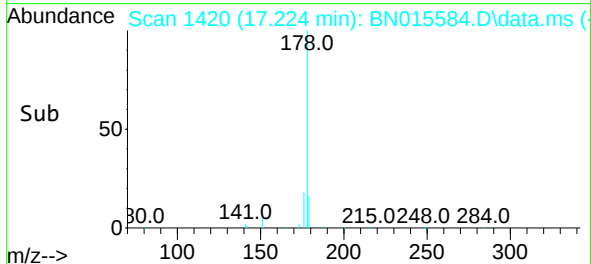
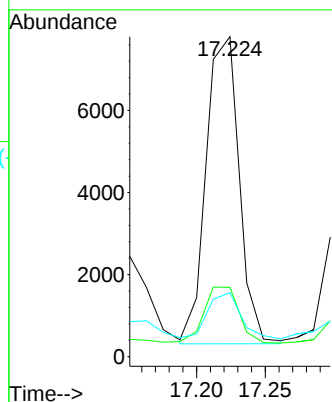
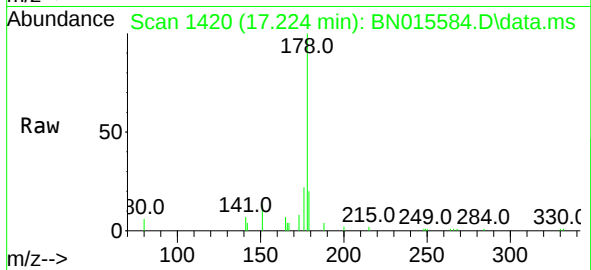




#25
Phenanthrene
Concen: 0.052 ng
RT: 17.224 min Scan# 1420
Delta R.T. 0.012 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

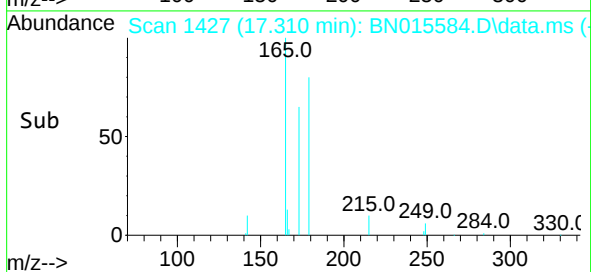
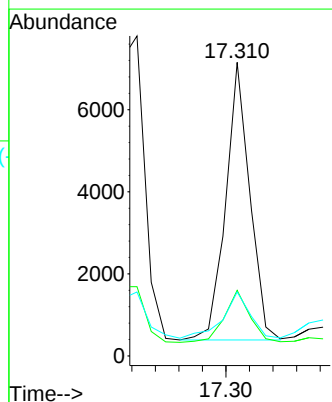
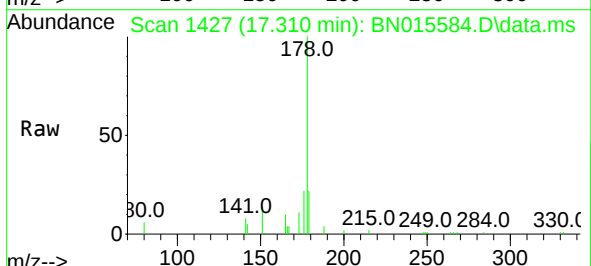
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

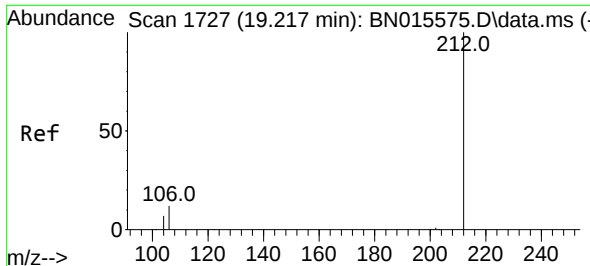
Tgt Ion:178 Resp: 12573
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 17.4 12.1 18.1



#26
Anthracene
Concen: 0.046 ng
RT: 17.310 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:178 Resp: 9581
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 18.8 12.2 18.2#

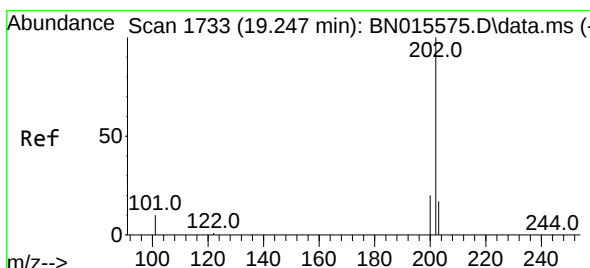
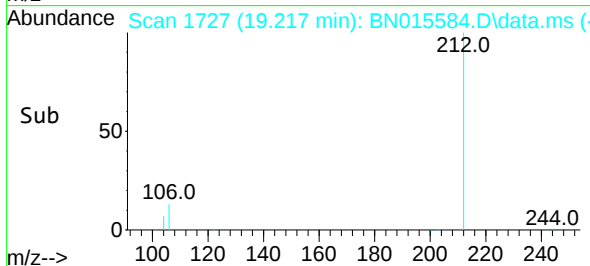
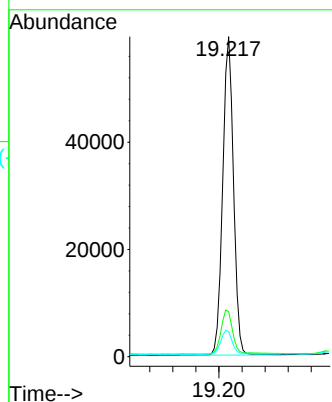
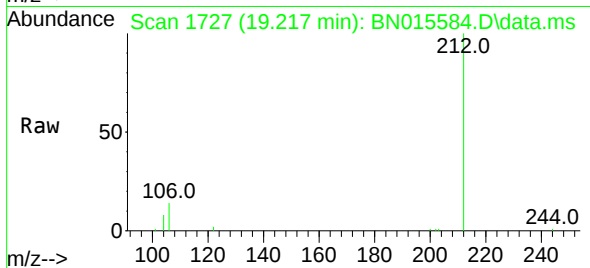




#27
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.217 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

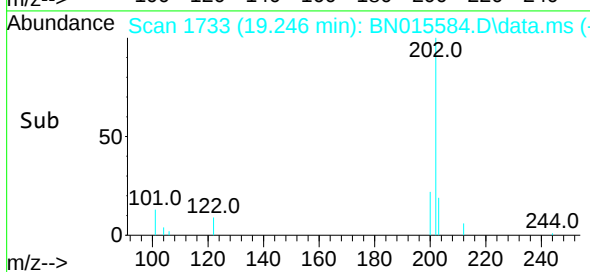
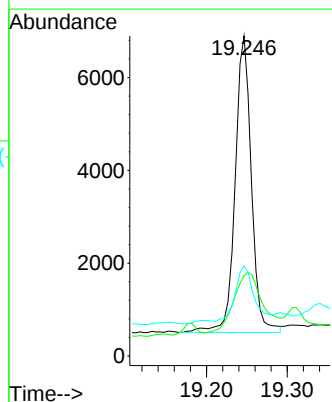
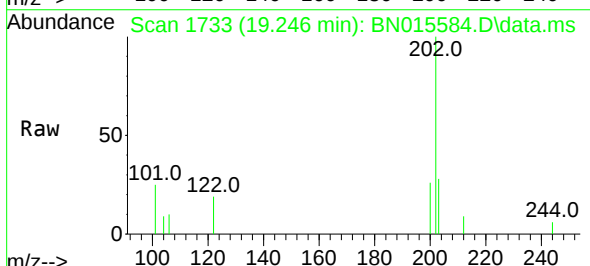
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

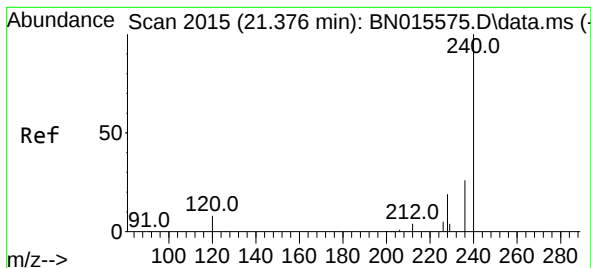
Tgt Ion:212 Resp: 77551
Ion Ratio Lower Upper
212 100
106 15.4 7.0 10.6#
104 8.8 4.1 6.1#



#28
Fluoranthene
Concen: 0.034 ng
RT: 19.246 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN015584.D
Acq: 15 Jul 2021 18:24

Tgt Ion:202 Resp: 8967
Ion Ratio Lower Upper
202 100
101 36.5 6.6 10.0#
203 21.3 13.9 20.9#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.376 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BN015584.D

Acq: 15 Jul 2021 18:24

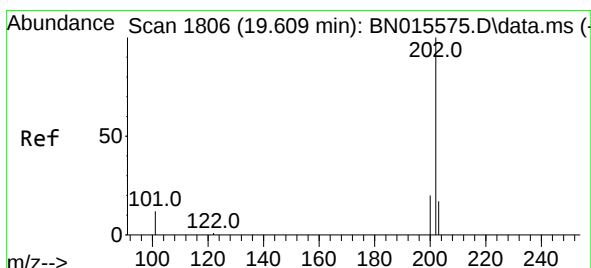
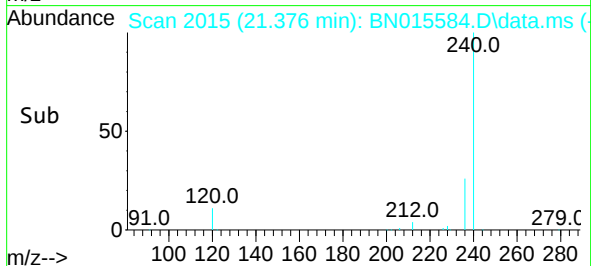
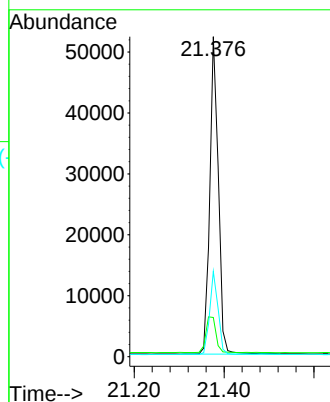
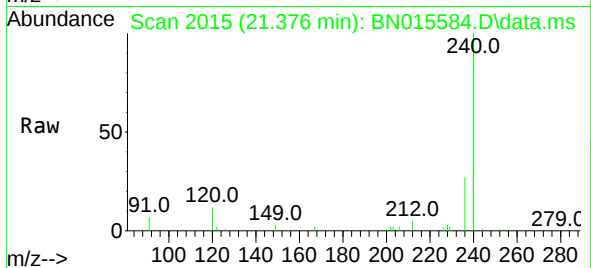
Tgt Ion:	240	Resp:	68323
Ion Ratio	Lower	Upper	
240	100		
120	12.2	4.2	6.4#
236	26.6	21.4	32.2

Instrument :

BNA_N

ClientSampleId :

SB-1-GW



#30

Pyrene

Concen: 0.027 ng

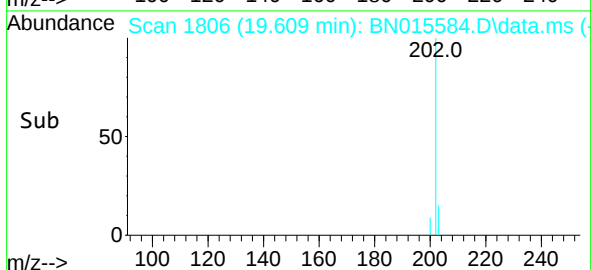
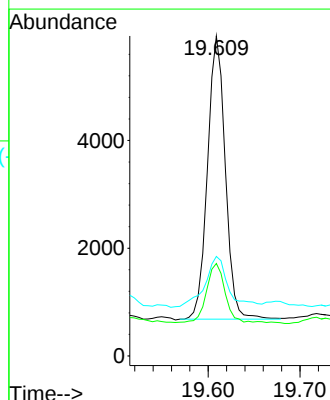
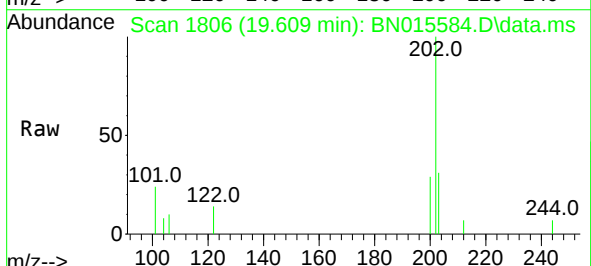
RT: 19.609 min Scan# 1806

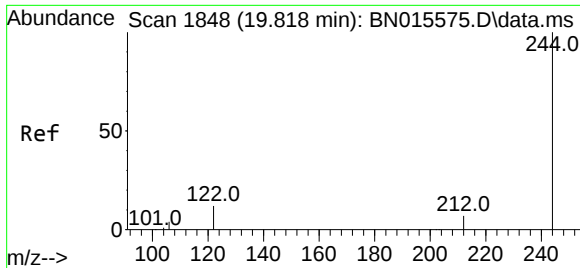
Delta R.T. -0.000 min

Lab File: BN015584.D

Acq: 15 Jul 2021 18:24

Tgt Ion:	202	Resp:	7100
Ion Ratio	Lower	Upper	
202	100		
200	23.2	16.9	25.3
203	23.5	13.9	20.9#

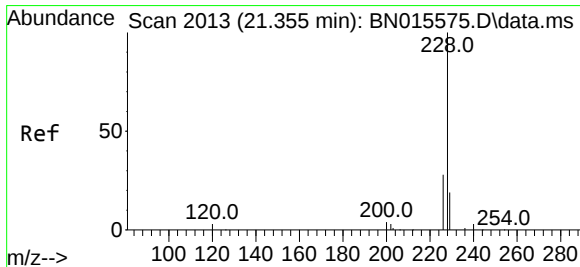
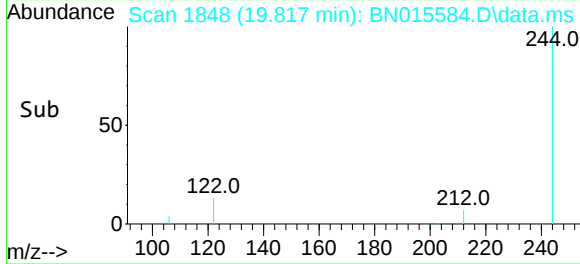
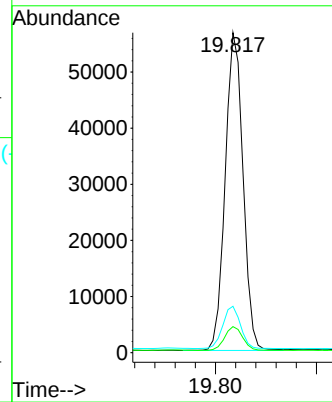
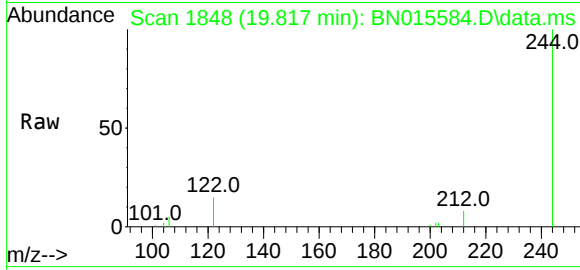




#31
 Terphenyl-d14
 Concen: 0.428 ng
 RT: 19.817 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

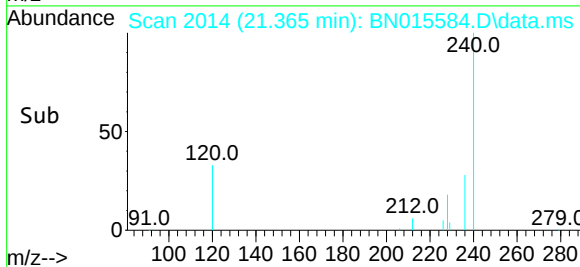
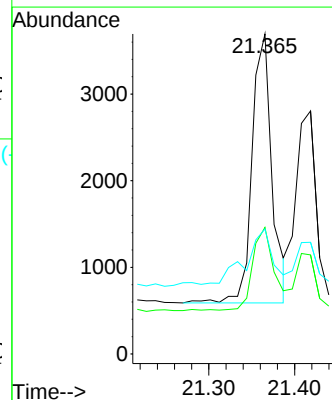
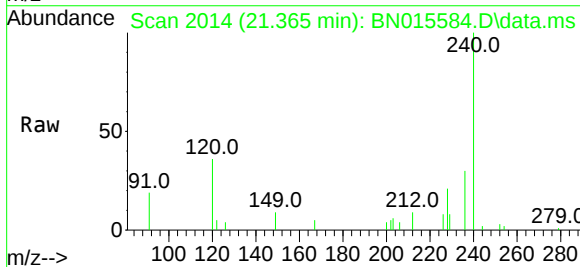
Instrument :
 BNA_N
 ClientSampleId :
 SB-1-GW

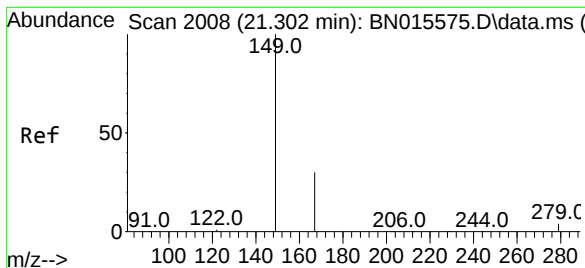
Tgt Ion:244	Resp:	69338
Ion Ratio	Lower	Upper
244	100	
212	8.1	6.3 9.5
122	14.5	6.2 9.2#



#32
 Benzo(a)anthracene
 Concen: 0.021 ng
 RT: 21.365 min Scan# 2014
 Delta R.T. 0.010 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

Tgt Ion:228	Resp:	5007
Ion Ratio	Lower	Upper
228	100	
226	39.6	23.0 34.6#
229	39.0	15.7 23.5#

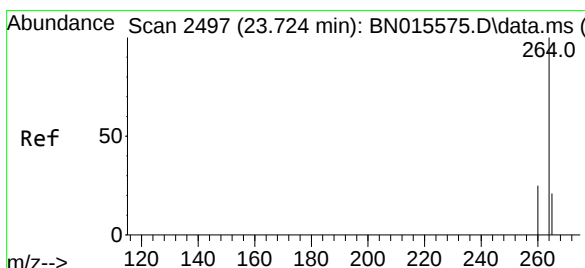
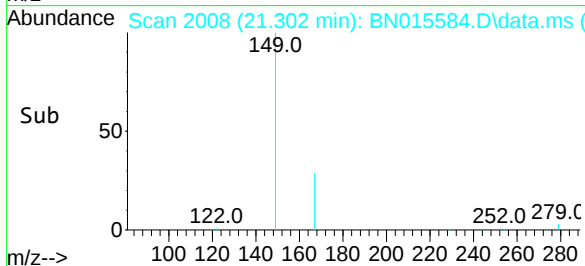
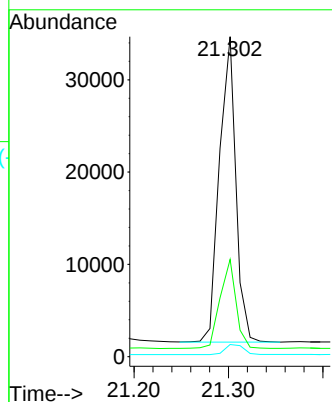
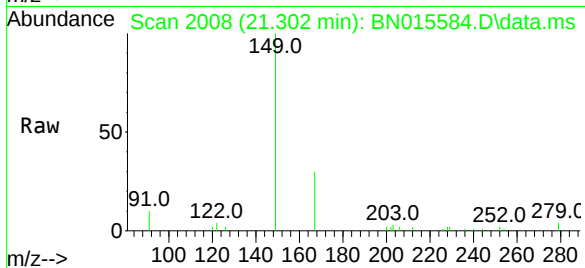




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.391 ng
 RT: 21.302 min Scan# 2008
 Delta R.T. -0.000 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

Instrument :
 BNA_N
 ClientSampleId :
 SB-1-GW

Tgt Ion:149 Resp: 39996
 Ion Ratio Lower Upper
 149 100
 167 28.6 28.9 43.3#
 279 3.8 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.727 min Scan# 2498
 Delta R.T. 0.003 min
 Lab File: BN015584.D
 Acq: 15 Jul 2021 18:24

Tgt Ion:264 Resp: 69994
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 31.0
 265 23.5 21.4 32.2

