

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
 Data File : BN015016.D
 Acq On : 23 Jun 2021 19:30
 Operator : CG/JU
 Sample : M2799-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-1-GW

Quant Time: Jun 24 01:11:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 16:24:59 2021
 Response via : Initial Calibration

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

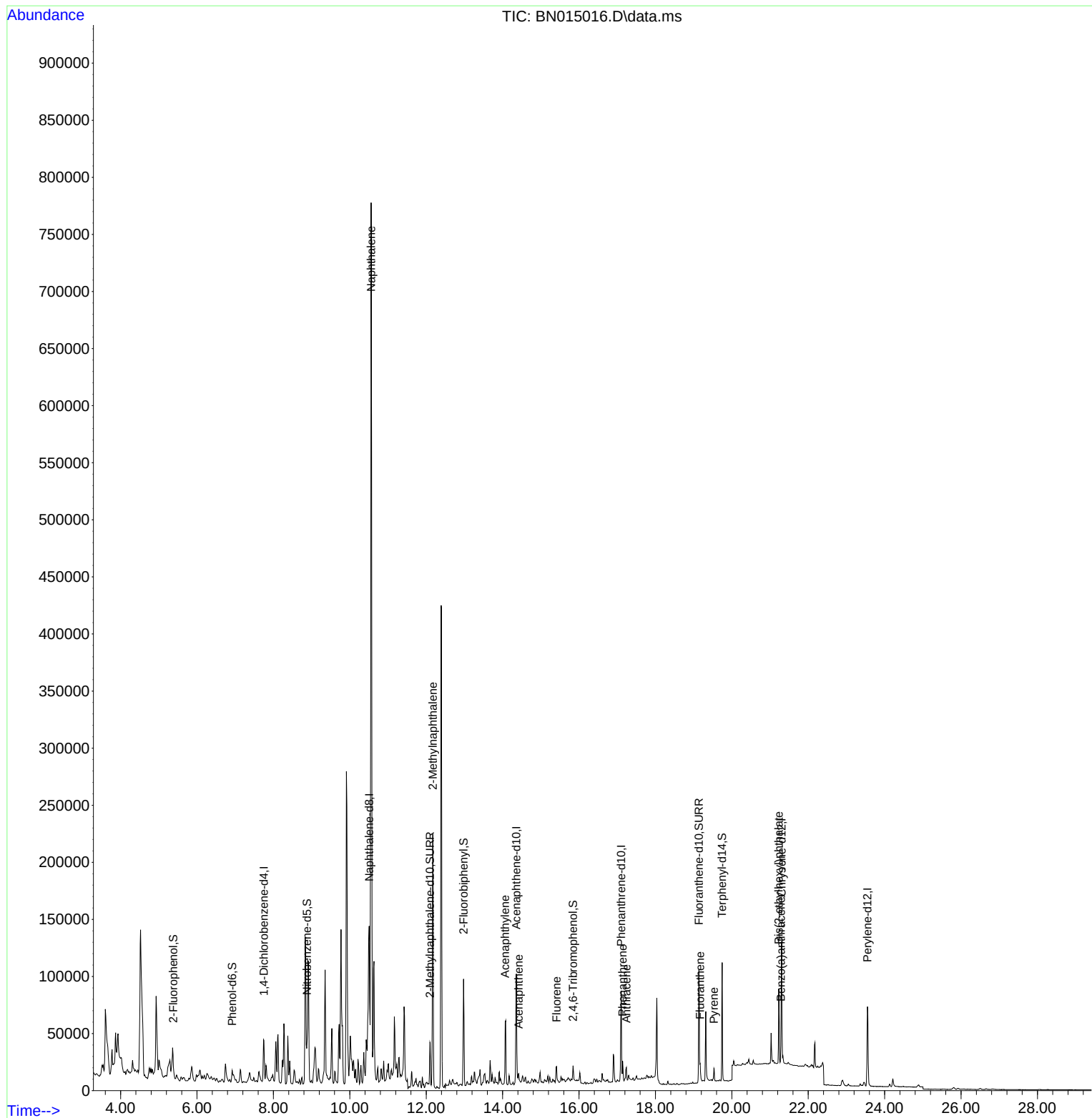
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	21288	0.400	ng	# 0.00
7) Naphthalene-d8	10.505	136	93861	0.400	ng	# 0.00
13) Acenaphthene-d10	14.359	164	56190	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	103694	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	95177	0.400	ng	# 0.00
35) Perylene-d12	23.551	264	91689	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.381	112	9907	0.150	ng	0.00
5) Phenol-d6	6.920	99	8674	0.104	ng	0.00
8) Nitrobenzene-d5	8.883	82	28991	0.409	ng	0.00
11) 2-Methylnaphthalene-d10	12.097	152	53903	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	10033	0.380	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	80515	0.377	ng	0.00
27) Fluoranthene-d10	19.138	212	109325	0.334	ng	0.00
31) Terphenyl-d14	19.744	244	98367	0.417	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.556	128	940533	3.575	ng	97
12) 2-Methylnaphthalene	12.173	142	158104	0.893	ng	# 89
16) Acenaphthylene	14.067	152	58857	0.207	ng	# 97
17) Acenaphthene	14.422	154	4624	0.027	ng	# 88
18) Fluorene	15.412	166	10370	0.048	ng	94
25) Phenanthrene	17.140	178	17554	0.056	ng	96
26) Anthracene	17.238	178	12745	0.041	ng	# 94
28) Fluoranthene	19.168	202	12747	0.036	ng	# 50
30) Pyrene	19.531	202	10292	0.027	ng	# 94
32) Benzo(a)anthracene	21.282	228	7244	0.020	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.228	149	56553	0.226	ng	# 88

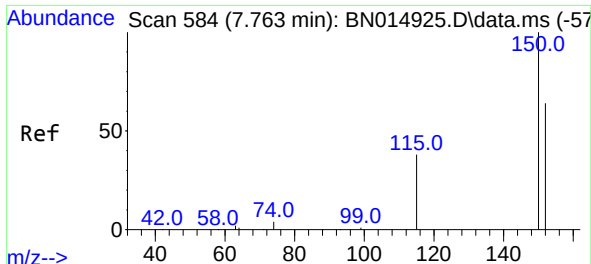
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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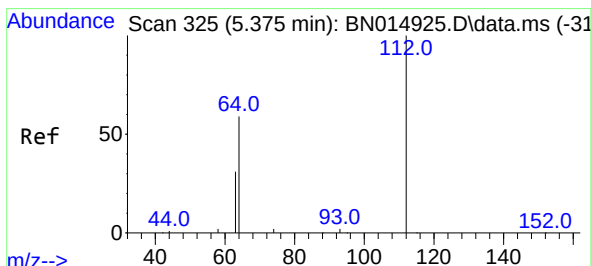
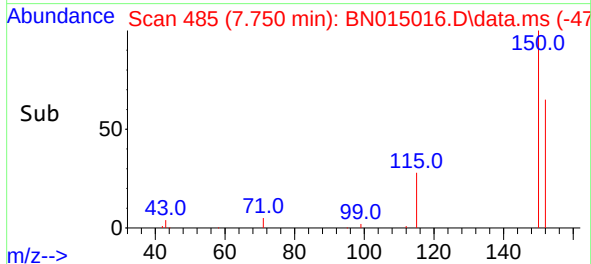
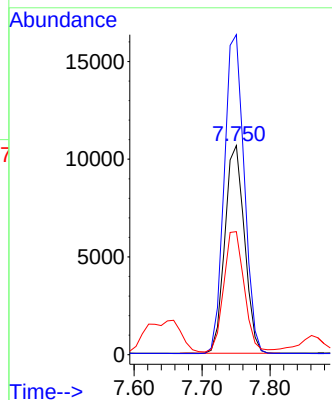
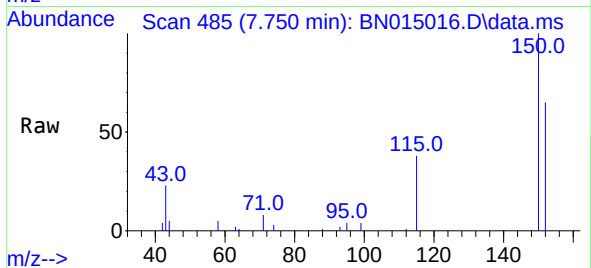




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.750 min Scan# 485
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

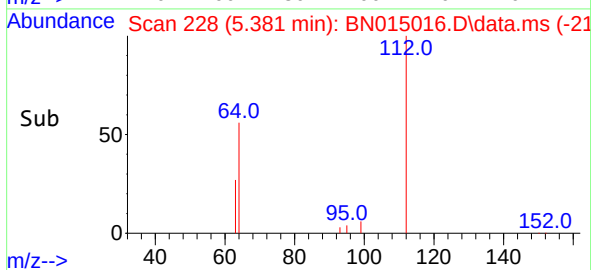
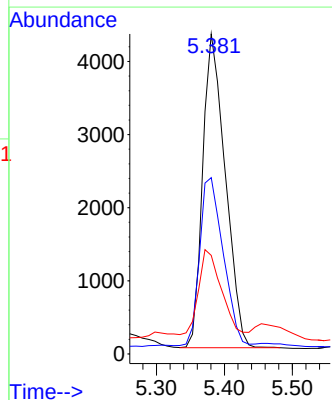
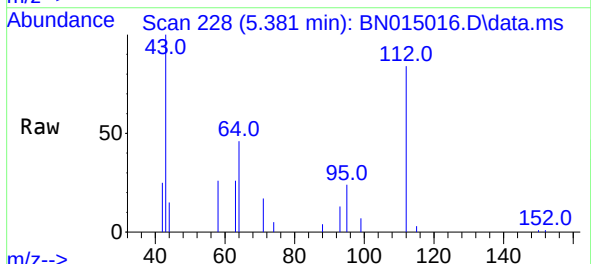
Instrument :
BNA_N
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SB-1-GW

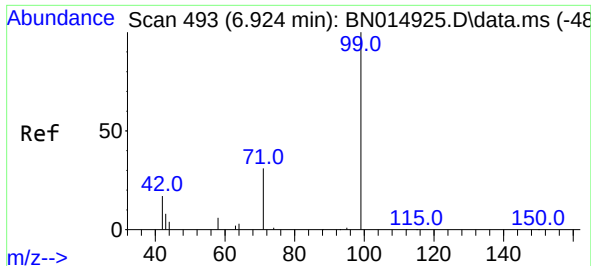
Tgt Ion:152 Resp: 21288
Ion Ratio Lower Upper
152 100
150 153.0 119.0 178.6
115 58.9 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.381 min Scan# 228
Delta R.T. 0.009 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion:112 Resp: 9907
Ion Ratio Lower Upper
112 100
64 55.8 39.0 58.6
63 26.9 20.6 30.8

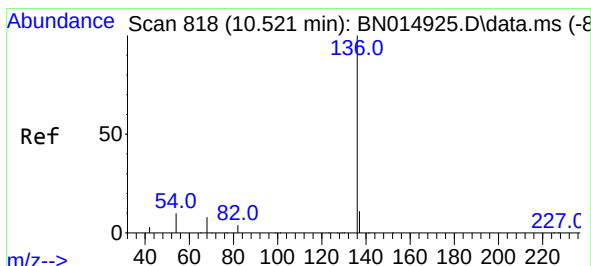
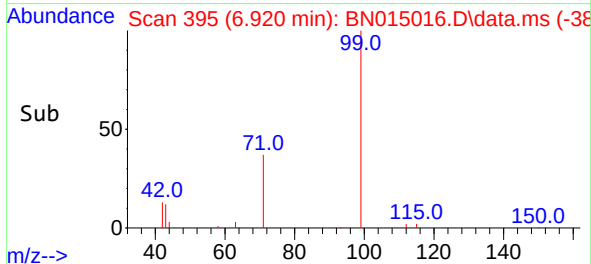
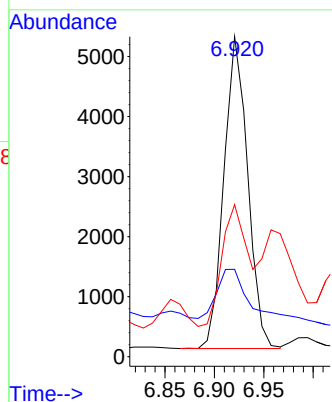
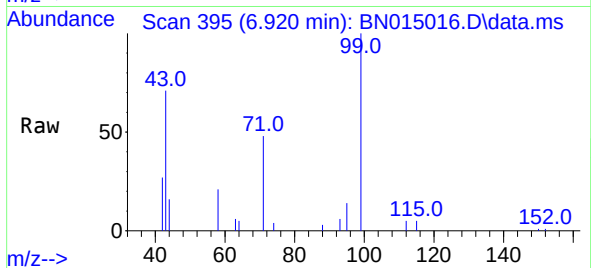




#5
Phenol-d6
Concen: 0.104 ng
RT: 6.920 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

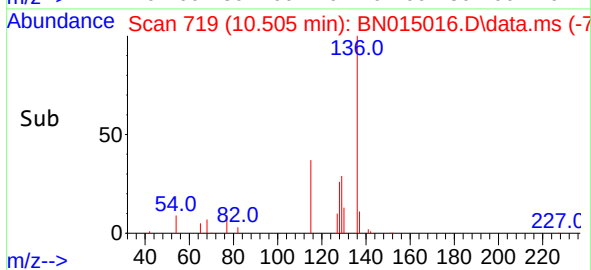
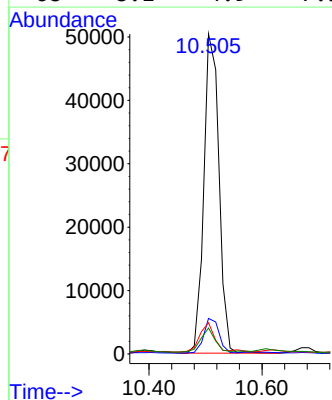
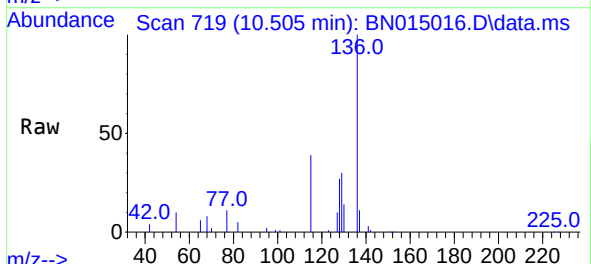
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

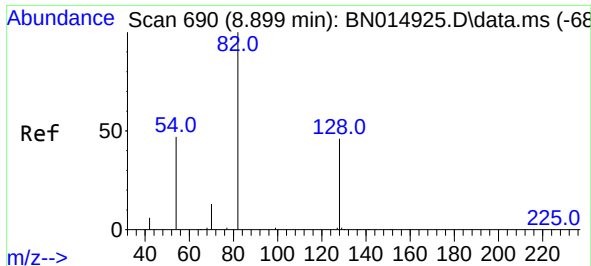
Tgt Ion: 99 Resp: 8674
Ion Ratio Lower Upper
99 100
42 19.5 8.9 13.3#
71 42.3 35.6 53.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.505 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion: 136 Resp: 93861
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.8
54 9.8 5.4 8.2#
68 8.1 4.9 7.3#

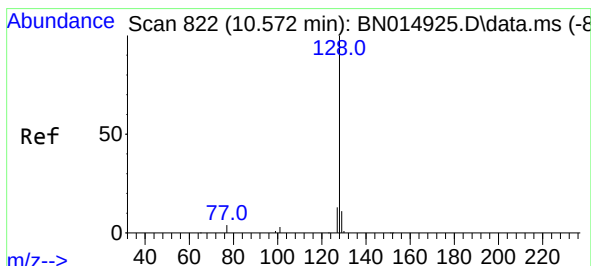
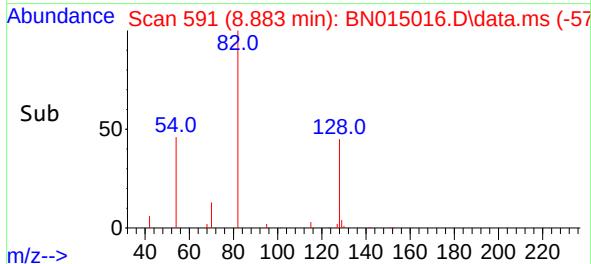
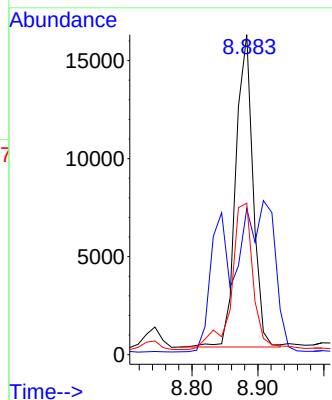
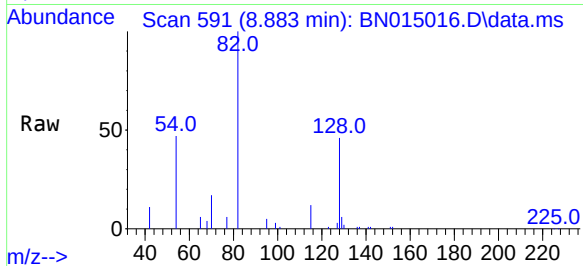




#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.883 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

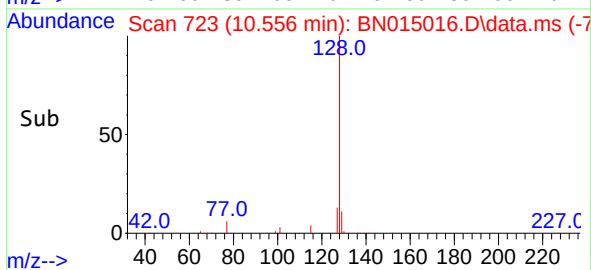
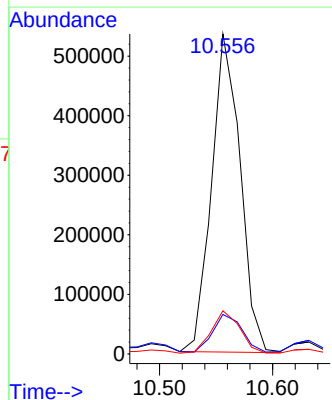
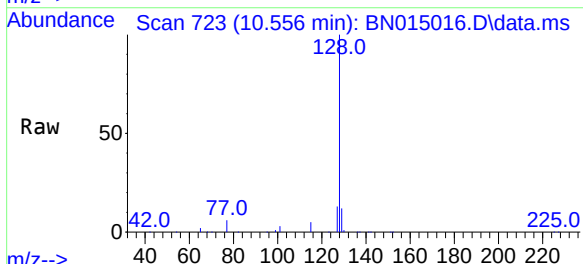
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

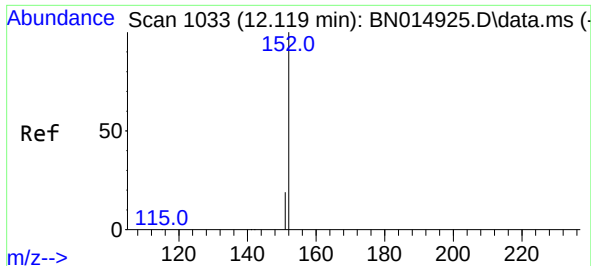
Tgt Ion: 82 Resp: 28991
Ion Ratio Lower Upper
82 100
128 45.7 31.6 47.4
54 47.4 29.0 43.4#



#9
Naphthalene
Concen: 3.575 ng
RT: 10.556 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion:128 Resp: 940533
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 13.5 11.8 17.6

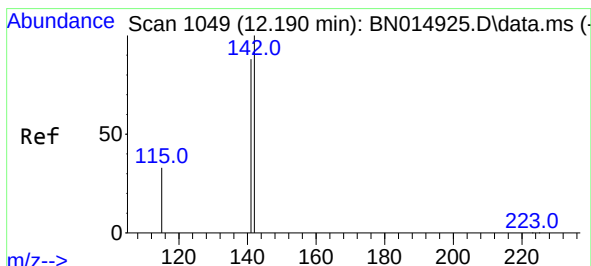
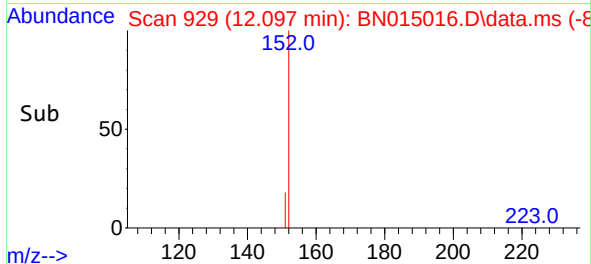
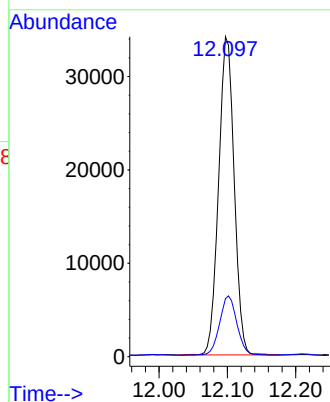
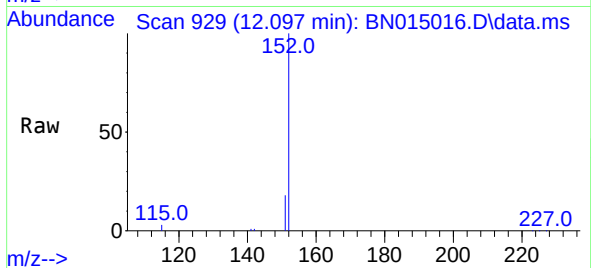




#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.097 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

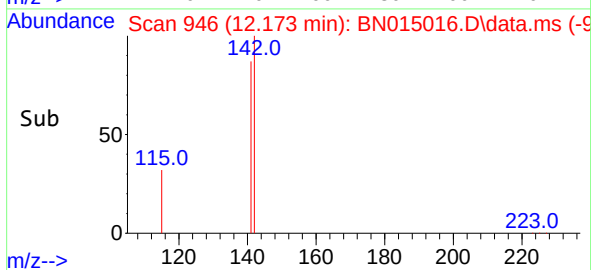
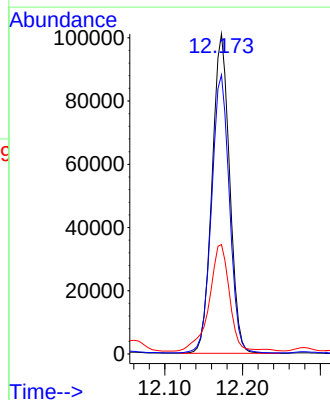
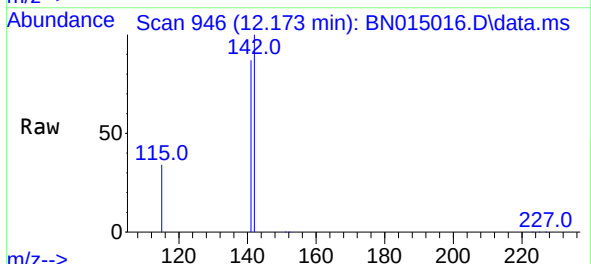
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

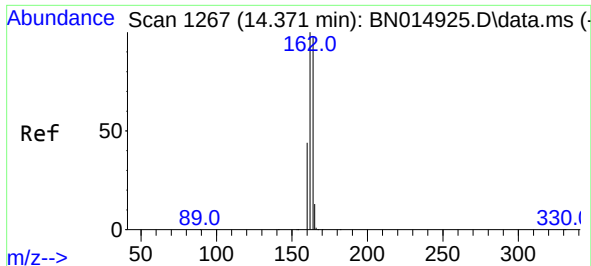
Tgt Ion:152 Resp: 53903
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.893 ng
RT: 12.173 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion:142 Resp: 158104
Ion Ratio Lower Upper
142 100
141 87.2 72.3 108.5
115 34.2 40.7 61.1#

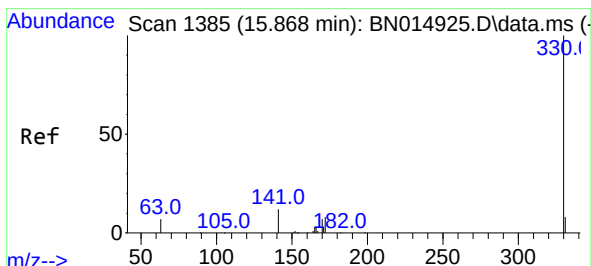
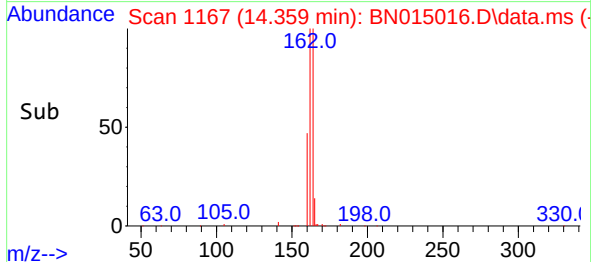
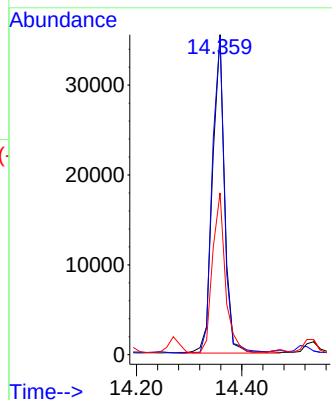
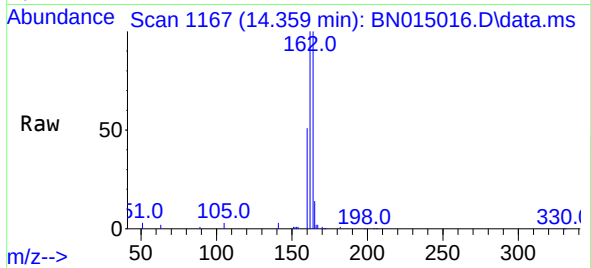




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.359 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

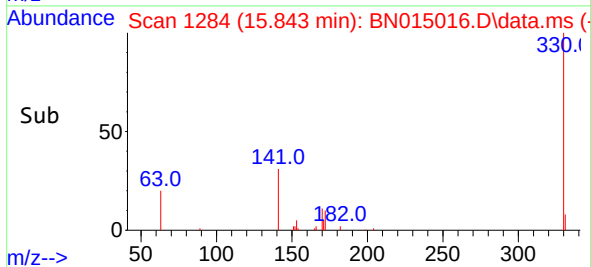
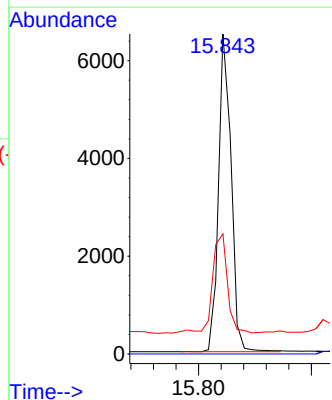
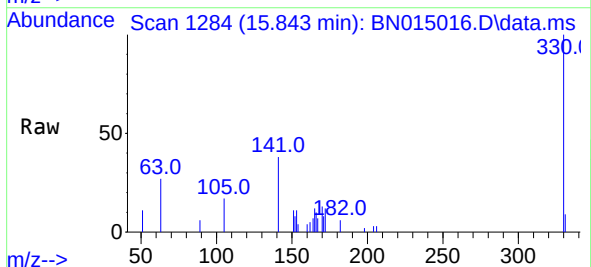
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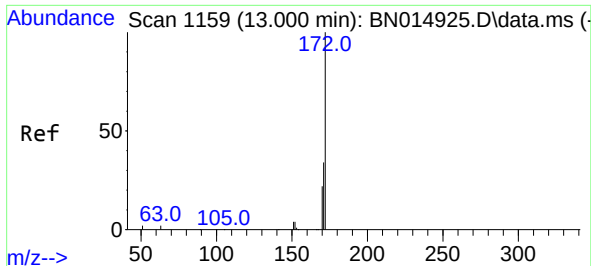
Tgt Ion:164 Resp: 56190
Ion Ratio Lower Upper
164 100
162 99.6 83.8 125.6
160 50.6 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion:330 Resp: 10033
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.8 22.4 33.6#

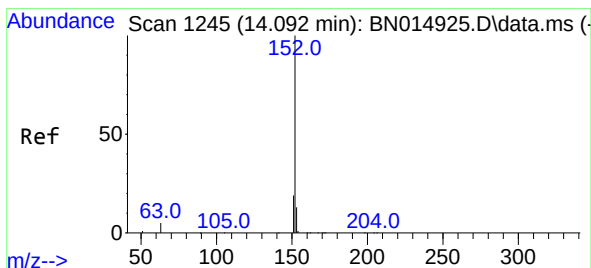
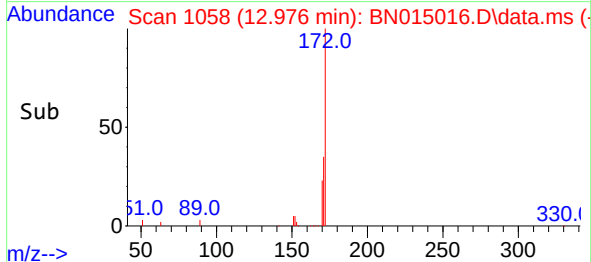
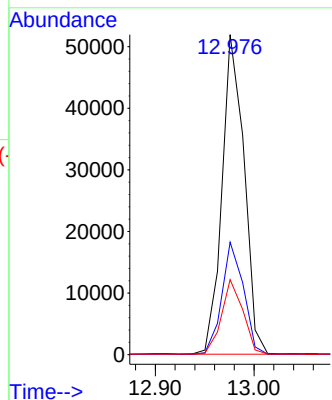
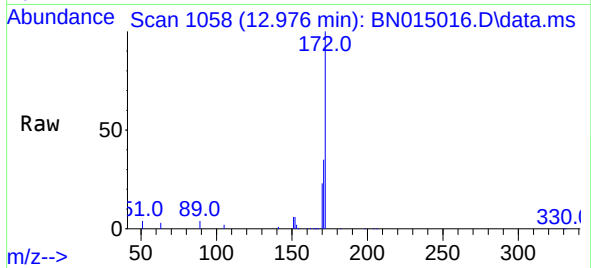




#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 12.976 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

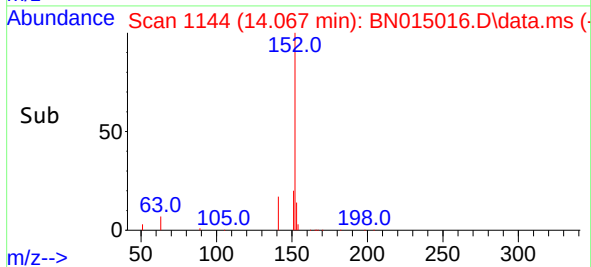
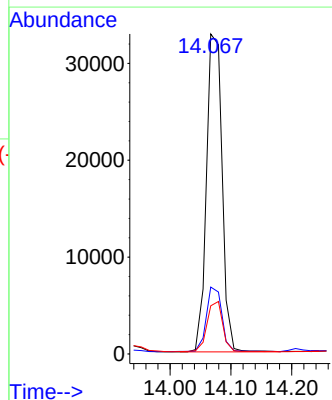
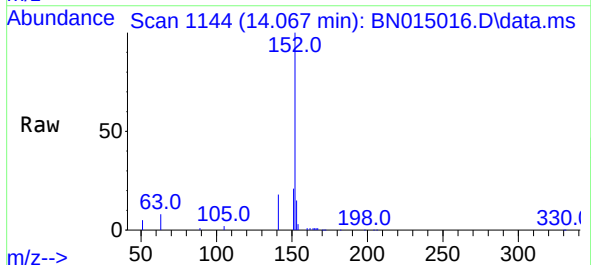
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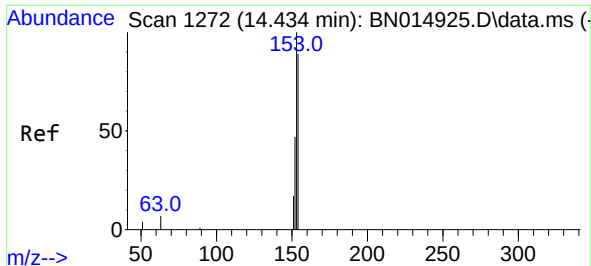
Tgt Ion:	172	Resp:	80515
Ion Ratio	Lower	Upper	
172	100		
171	35.1	30.6	45.8
170	23.5	20.2	30.4



#16
Acenaphthylene
Concen: 0.207 ng
RT: 14.067 min Scan# 1144
Delta R.T. -0.013 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion:	152	Resp:	58857
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.7	25.1
153	15.9	10.5	15.7#

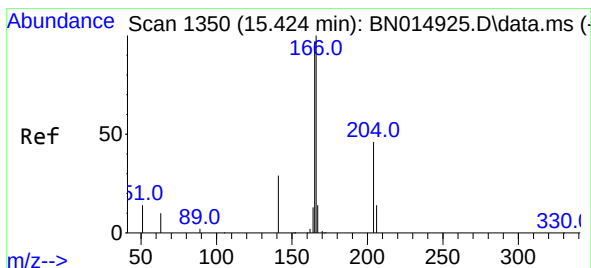
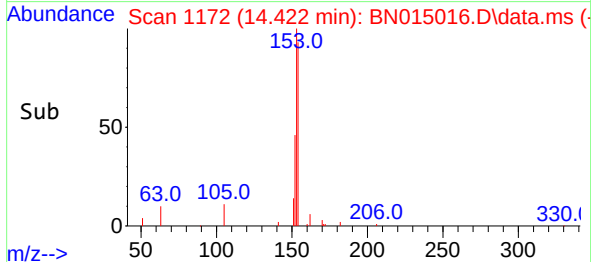
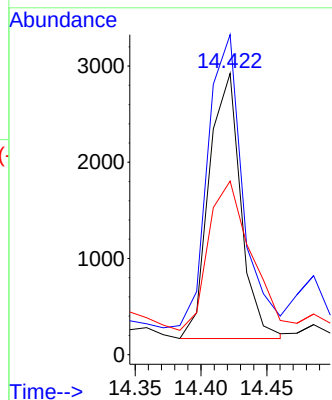
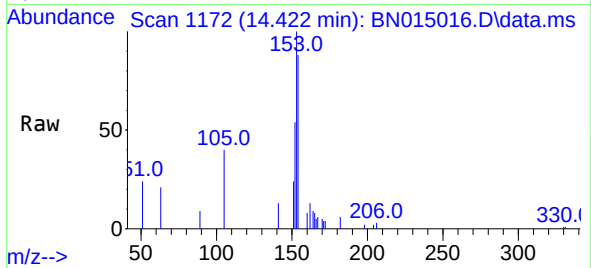




#17
Acenaphthene
Concen: 0.027 ng
RT: 14.422 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

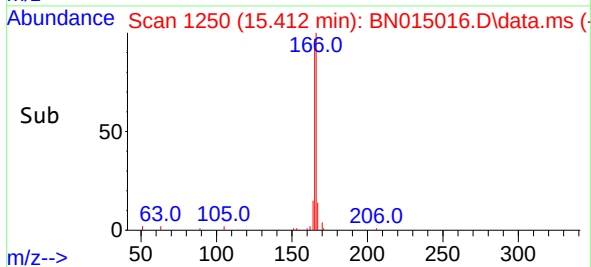
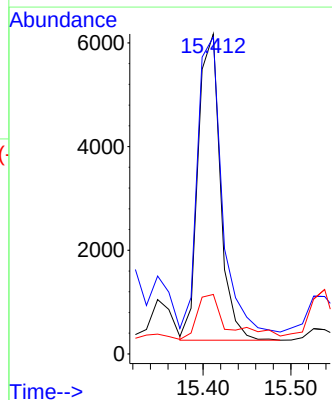
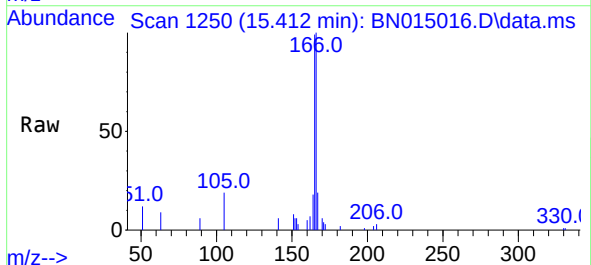
Instrument :
BNA_N
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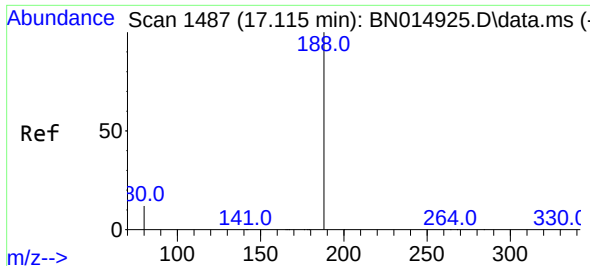
Tgt Ion:154 Resp: 4624
Ion Ratio Lower Upper
154 100
153 120.1 90.9 136.3
152 75.9 45.8 68.8#



#18
Fluorene
Concen: 0.048 ng
RT: 15.412 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion:166 Resp: 10370
Ion Ratio Lower Upper
166 100
165 105.2 79.2 118.8
167 16.0 10.7 16.1

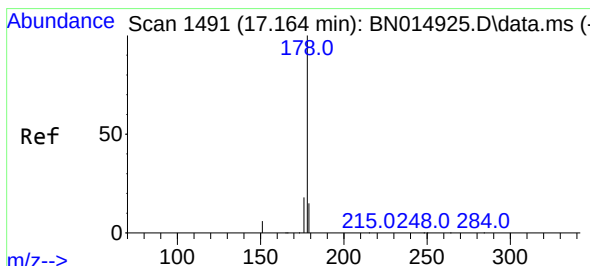
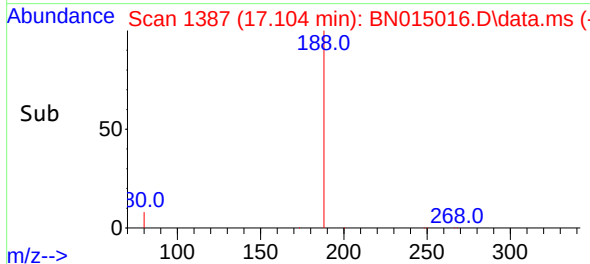
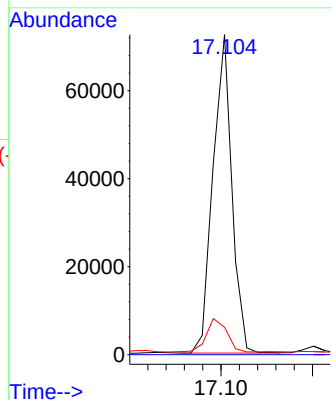
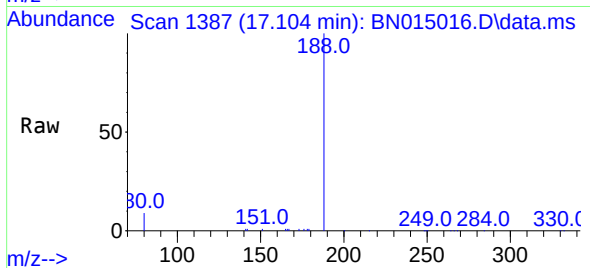




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

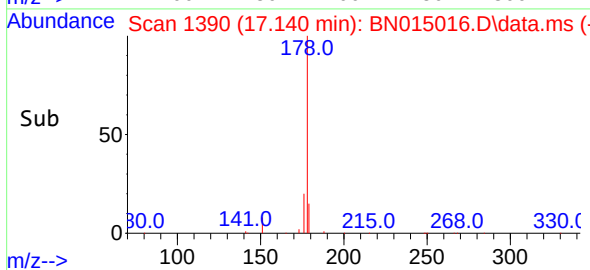
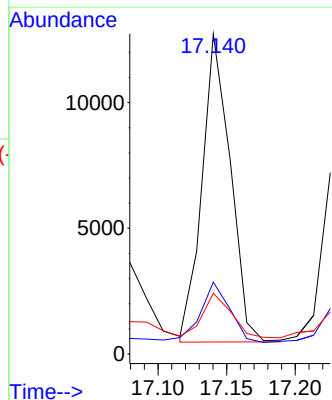
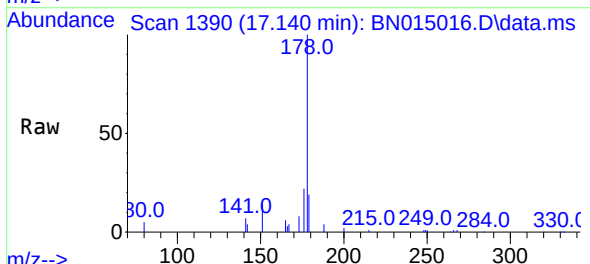
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

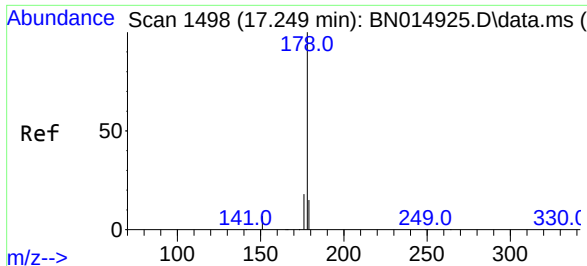
Tgt Ion:188 Resp: 103694
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 9.0 13.4#



#25
Phenanthrene
Concen: 0.056 ng
RT: 17.140 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion:178 Resp: 17554
Ion Ratio Lower Upper
178 100
176 21.8 15.6 23.4
179 16.5 12.1 18.1

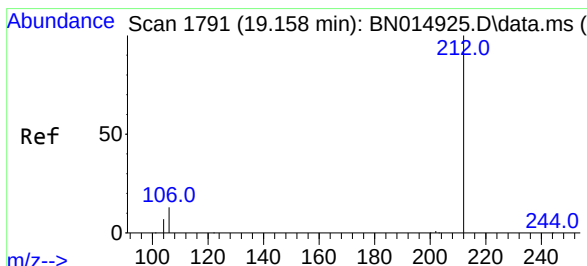
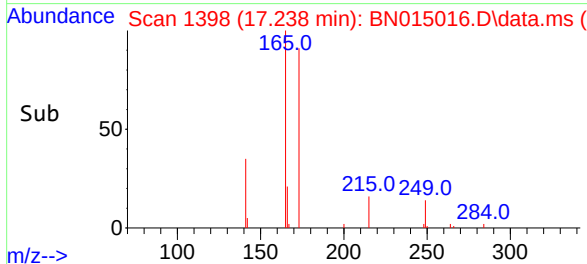
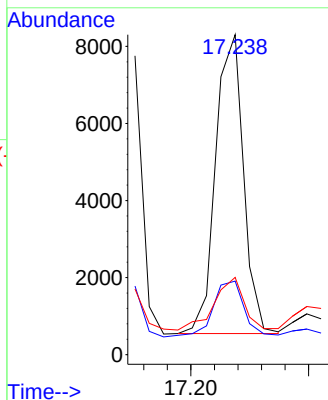
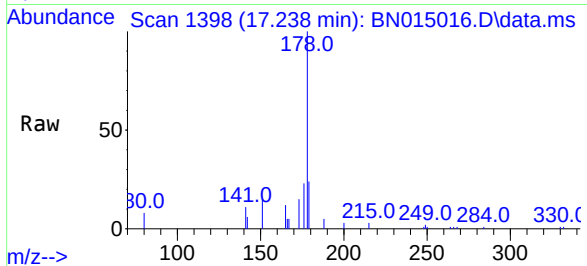




#26
 Anthracene
 Concen: 0.041 ng
 RT: 17.238 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: BN015016.D
 Acq: 23 Jun 2021 19:30

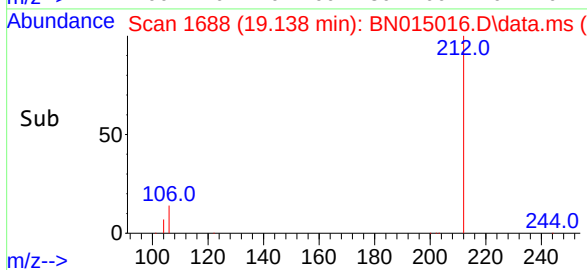
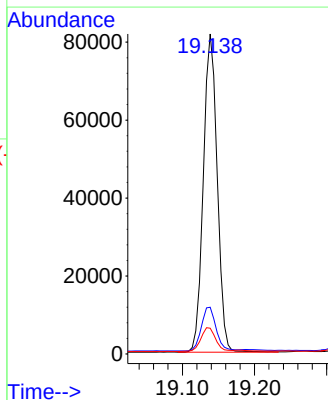
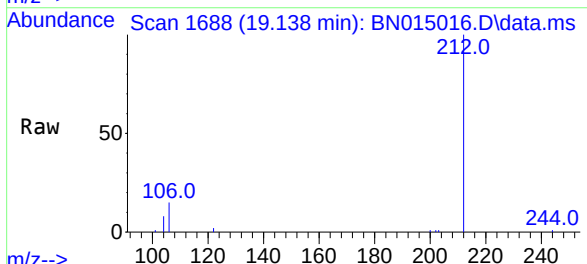
Instrument :
 BNA_N
 ClientSampleId :
 SB-1-GW

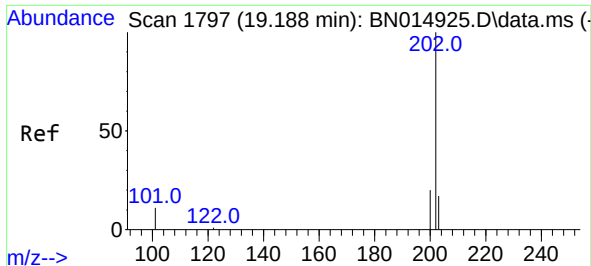
Tgt Ion:178 Resp: 12745
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.1 22.7
 179 18.7 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.334 ng
 RT: 19.138 min Scan# 1688
 Delta R.T. 0.000 min
 Lab File: BN015016.D
 Acq: 23 Jun 2021 19:30

Tgt Ion:212 Resp: 109325
 Ion Ratio Lower Upper
 212 100
 106 14.6 7.0 10.6#
 104 8.2 4.1 6.1#

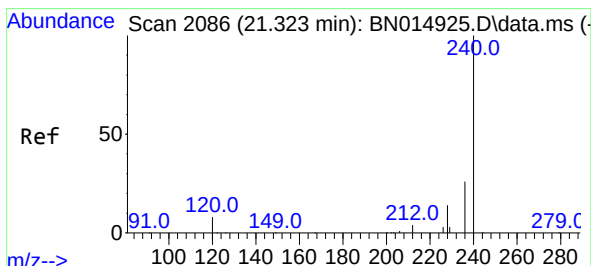
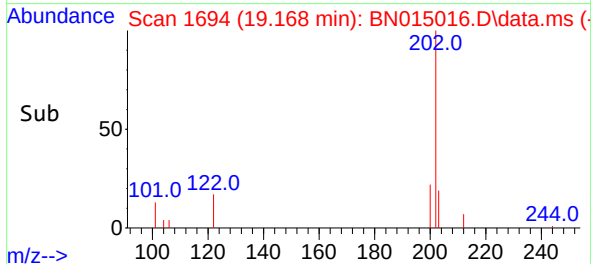
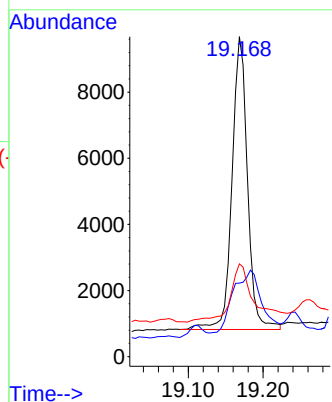
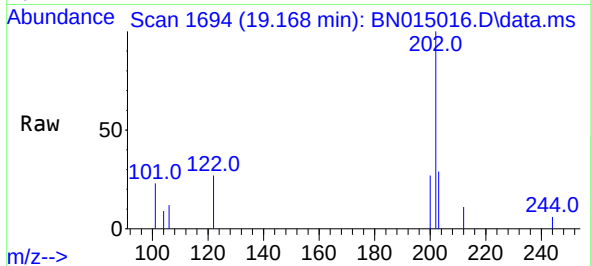




#28
Fluoranthene
Concen: 0.036 ng
RT: 19.168 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

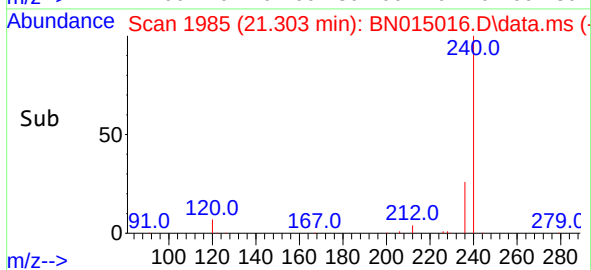
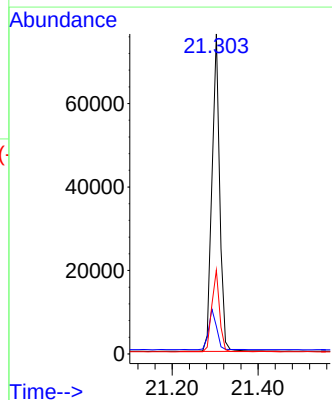
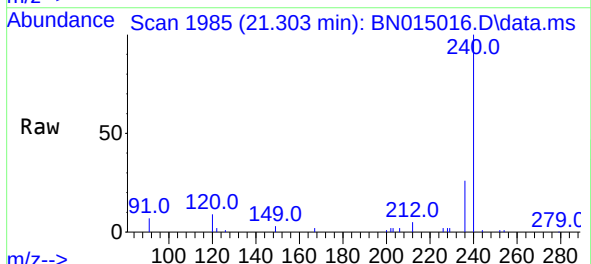
Instrument :
BNA_N
ClientSampled :
SB-1-GW

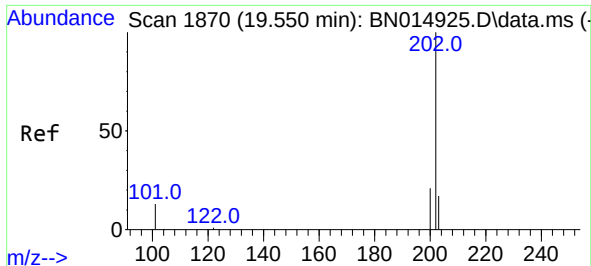
Tgt Ion:202 Resp: 12747
Ion Ratio Lower Upper
202 100
101 39.1 6.6 10.0#
203 31.4 13.9 20.9#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion:240 Resp: 95177
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.4#
236 26.2 21.4 32.2

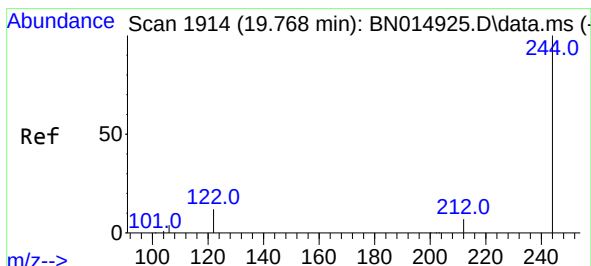
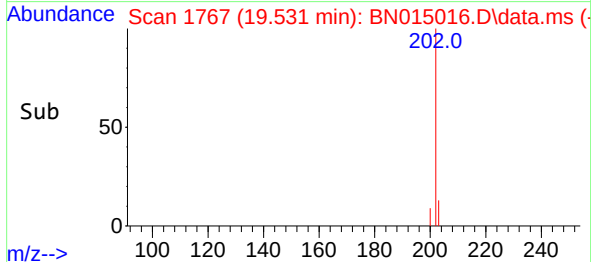
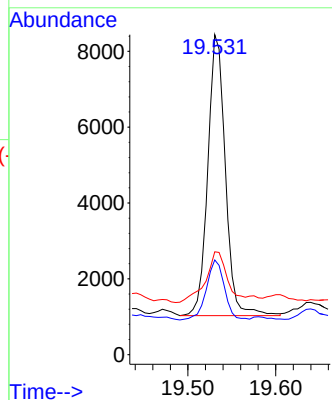
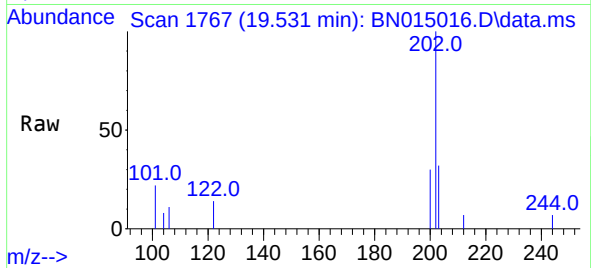




#30
Pyrene
Concen: 0.027 ng
RT: 19.531 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

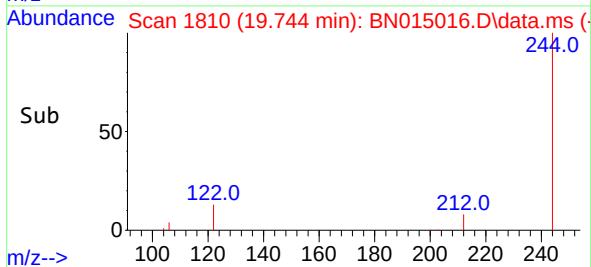
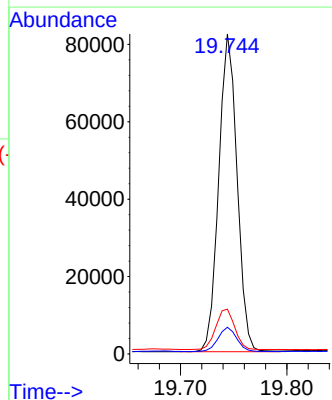
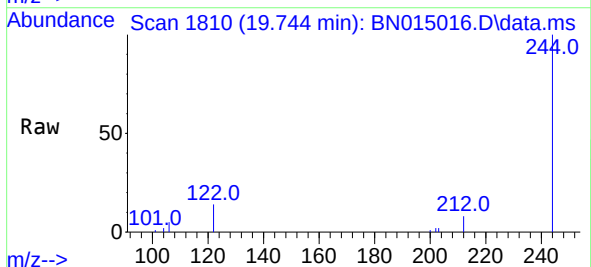
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

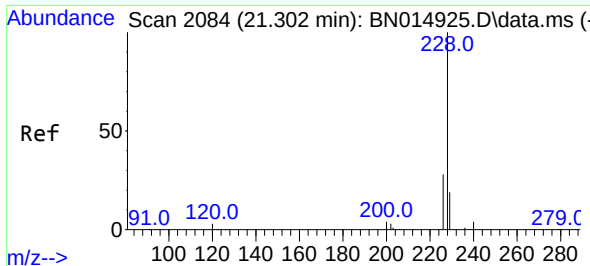
Tgt Ion:202 Resp: 10292
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 22.3 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.417 ng
RT: 19.744 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion:244 Resp: 98367
Ion Ratio Lower Upper
244 100
212 8.4 6.3 9.5
122 14.0 6.2 9.2#

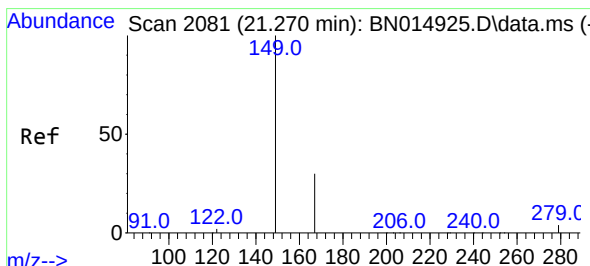
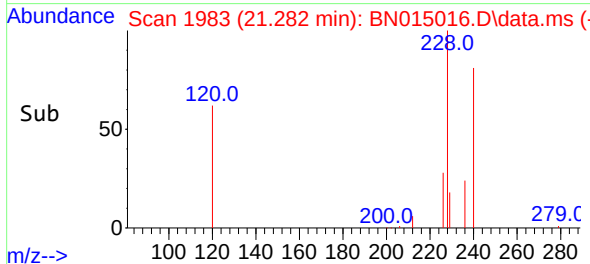
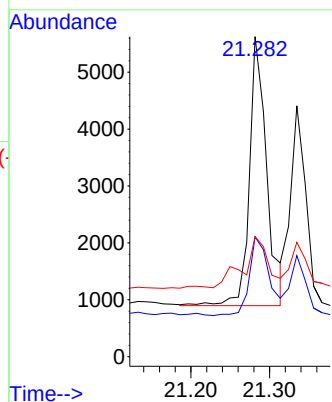
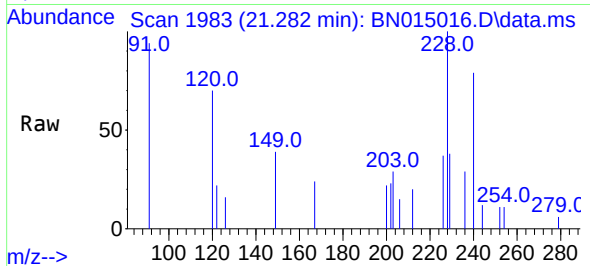




#32
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.282 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

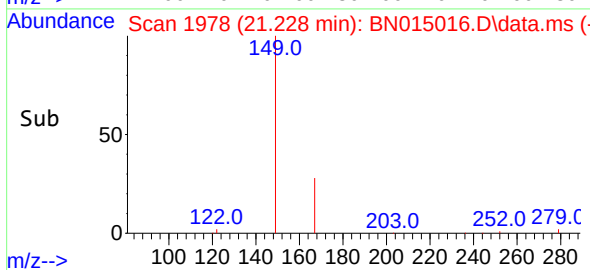
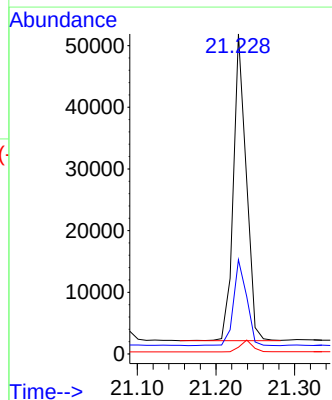
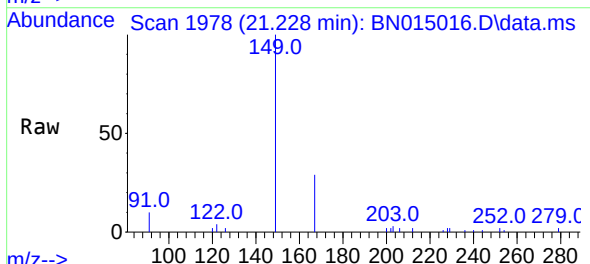
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

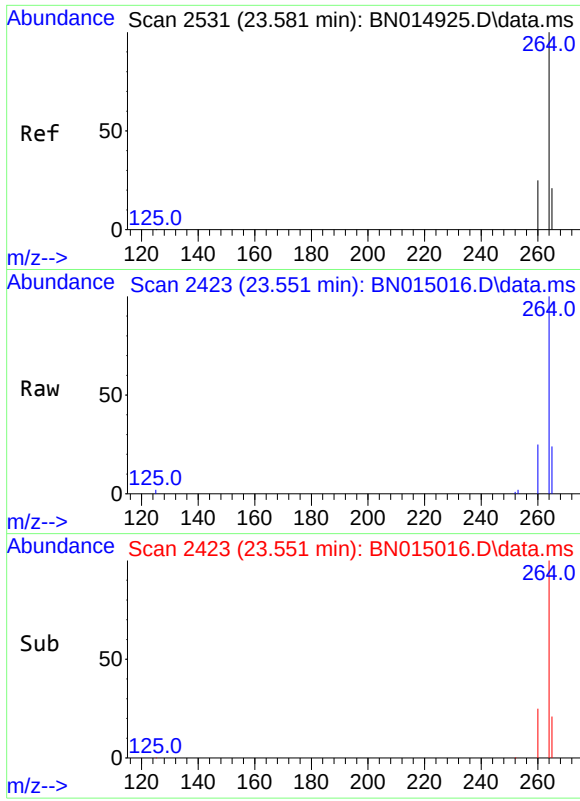
Tgt Ion:228 Resp: 7244
Ion Ratio Lower Upper
228 100
226 37.4 23.0 34.6#
229 37.6 15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.226 ng
RT: 21.228 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

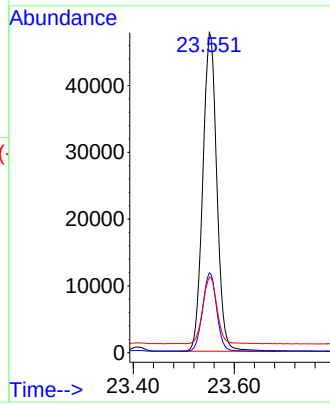
Tgt Ion:149 Resp: 56553
Ion Ratio Lower Upper
149 100
167 28.8 28.9 43.3#
279 3.9 4.9 7.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.551 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion:264	Resp:	91689
Ion	Ratio	Lower Upper
264	100	
260	24.9	20.6 31.0
265	23.6	21.4 32.2



Instrument :
BNA_N
ClientSampleId :
SB-1-GW