

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)

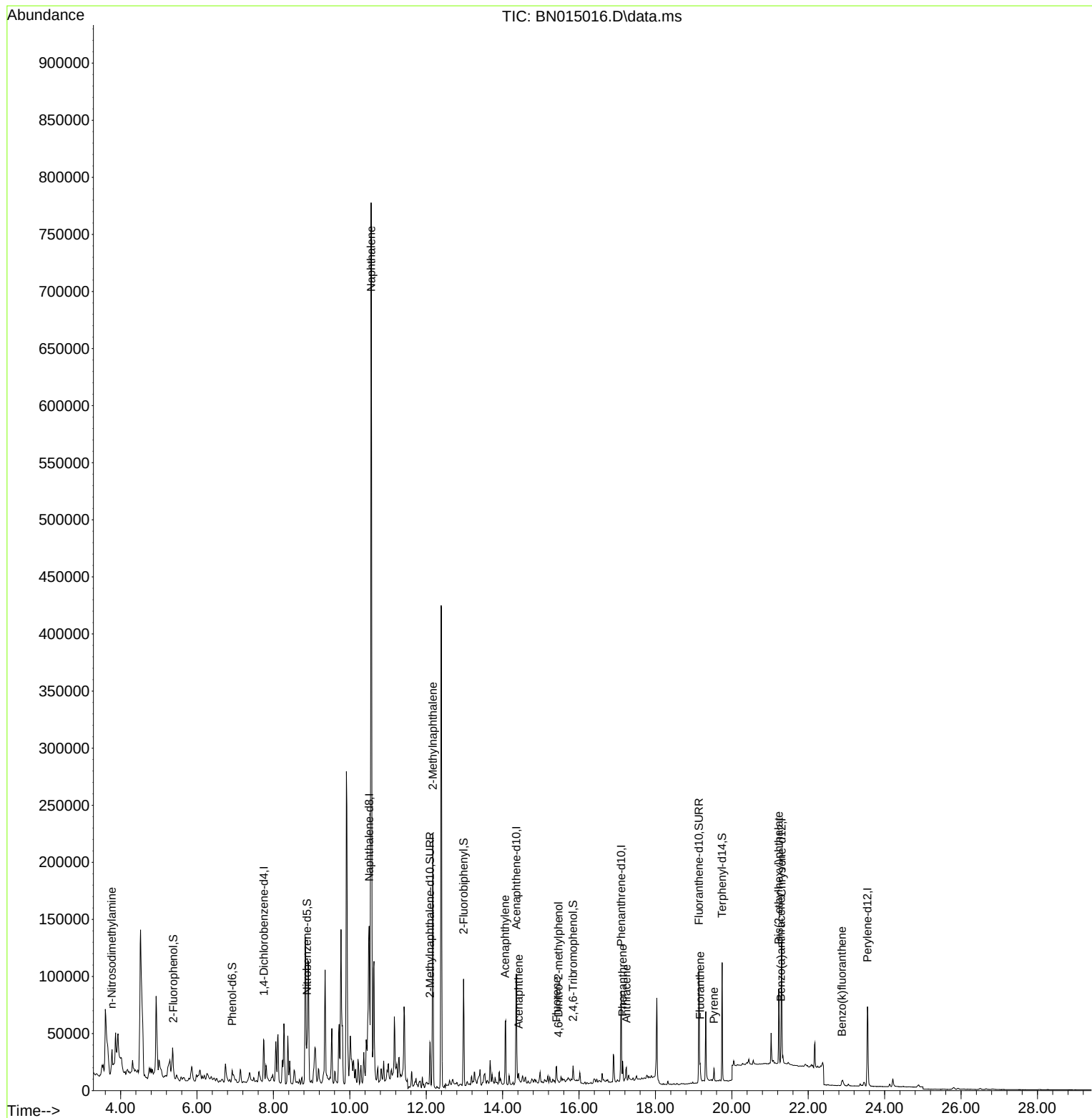
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	21288	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	93861	0.40	ng	# 0.00
13) Acenaphthene-d10	14.359	164	56190	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	103694	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	95177	0.40	ng	# 0.00
35) Perylene-d12	23.551	264	91689	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.381	112	9907	0.15	ng	0.00
5) Phenol-d6	6.920	99	8674	0.10	ng	0.00
8) Nitrobenzene-d5	8.883	82	28991	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.097	152	53903	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	10033	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	80515	0.38	ng	0.00
27) Fluoranthene-d10	19.138	212	109325	0.33	ng	0.00
31) Terphenyl-d14	19.744	244	98367	0.42	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.767	42	1788	0.09	ng	# 1
9) Naphthalene	10.556	128	940533	3.57	ng	97
12) 2-Methylnaphthalene	12.173	142	158104	0.89	ng	# 89
16) Acenaphthylene	14.067	152	58857	0.21	ng	# 97
17) Acenaphthene	14.422	154	4624	0.03	ng	# 88
18) Fluorene	15.412	166	10370	0.05	ng	94
20) 4,6-Dinitro-2-methylph...	15.462	198	32	0.11	ng	# 1
25) Phenanthrene	17.140	178	17554	0.06	ng	96
26) Anthracene	17.238	178	12745	0.04	ng	# 94
28) Fluoranthene	19.168	202	12747	0.04	ng	# 50
30) Pyrene	19.531	202	10292	0.03	ng	# 94
32) Benzo(a)anthracene	21.282	228	7244	0.02	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.228	149	56553	0.23	ng	# 88
38) Benzo(k)fluoranthene	22.880	252	6770	0.02	ng	# 39

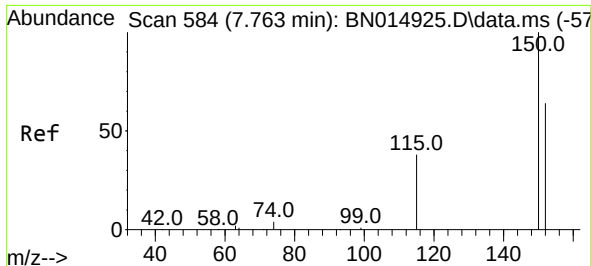
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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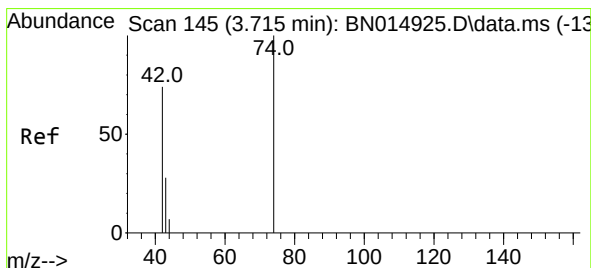
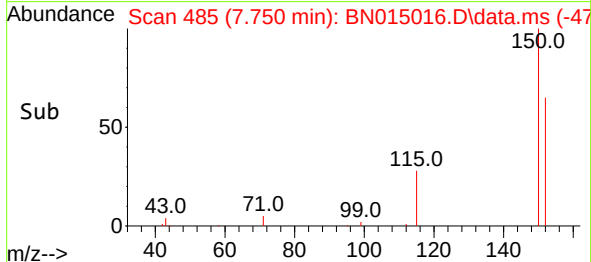
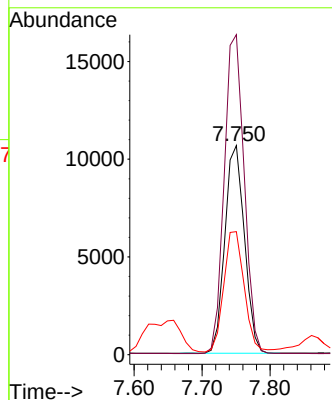
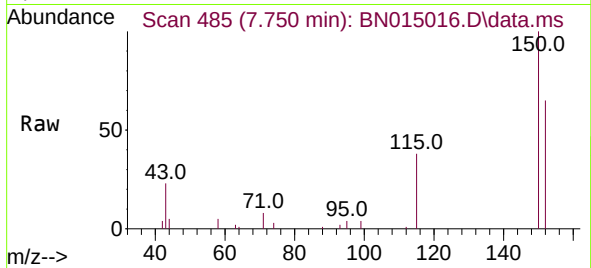




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.750 min Scan# 485
 Delta R.T. 0.000 min
 Lab File: BN015016.D
 Acq: 23 Jun 2021 19:30

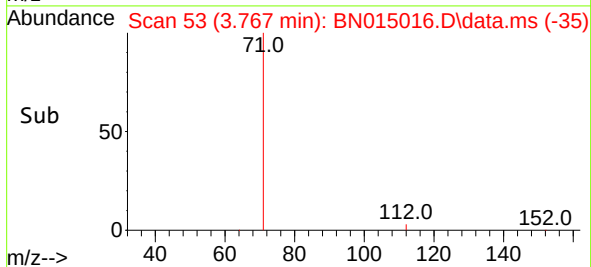
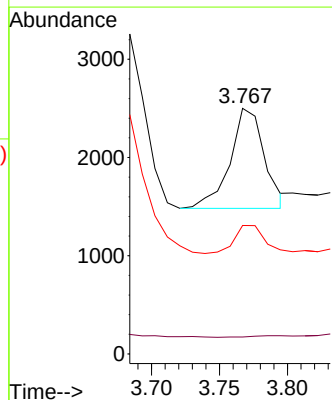
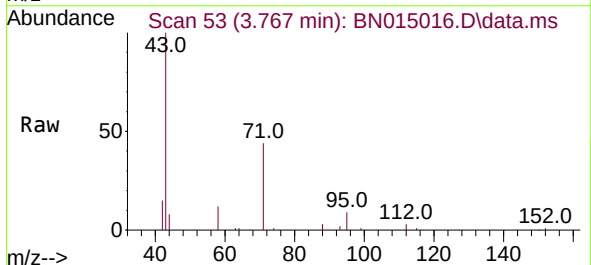
Instrument :
 BNA_N
 ClientSampled :
 SB-1-GW

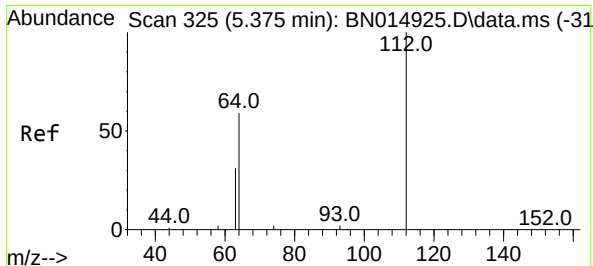
Tgt Ion: 152 Resp: 21288
 Ion Ratio Lower Upper
 152 100
 150 153.0 119.0 178.6
 115 58.9 62.2 93.4#



#3
 n-Nitrosodimethylamine
 Concen: 0.09 ng
 RT: 3.767 min Scan# 53
 Delta R.T. 0.065 min
 Lab File: BN015016.D
 Acq: 23 Jun 2021 19:30

Tgt Ion: 42 Resp: 1788
 Ion Ratio Lower Upper
 42 100
 74 0.0 149.5 224.3#
 44 24.5 4.2 6.2#

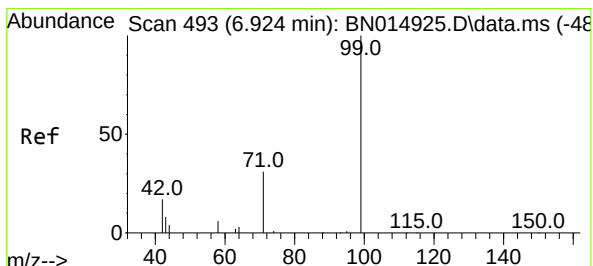
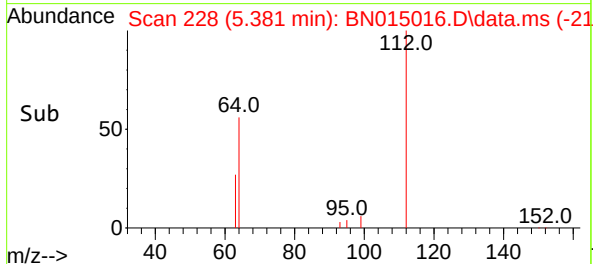
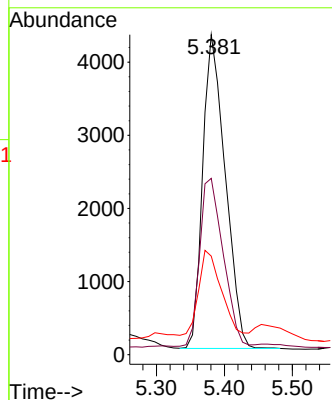
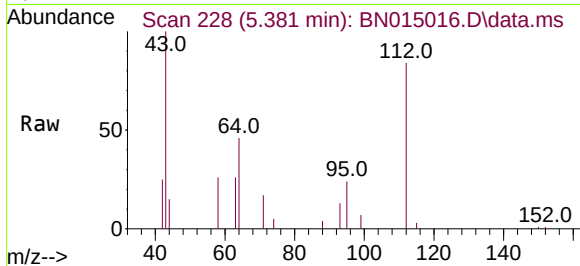




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.381 min Scan# 228
Delta R.T. 0.009 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

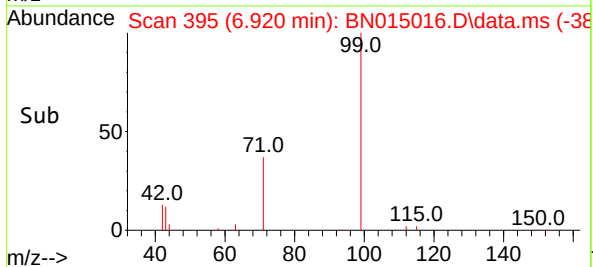
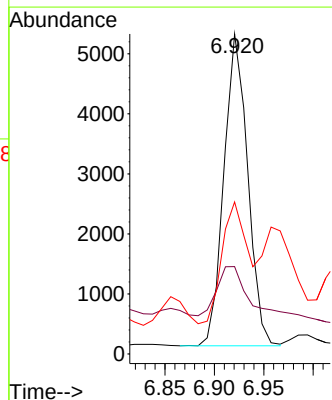
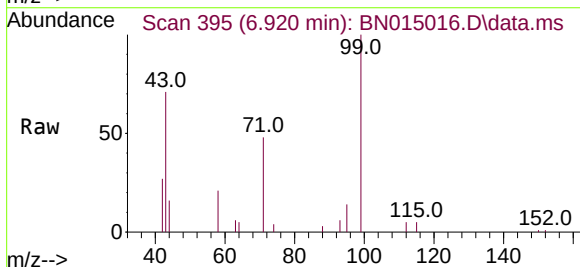
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

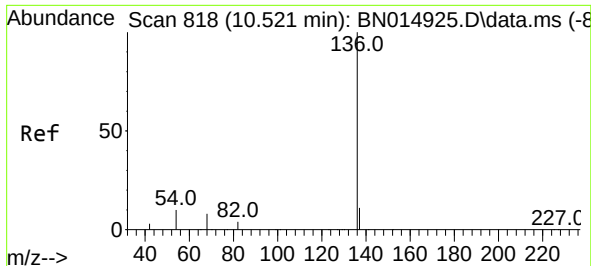
Tgt Ion:112 Resp: 9907
Ion Ratio Lower Upper
112 100
64 55.8 39.0 58.6
63 26.9 20.6 30.8



#5
Phenol-d6
Concen: 0.10 ng
RT: 6.920 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

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

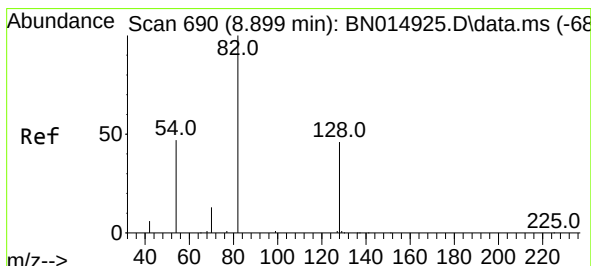
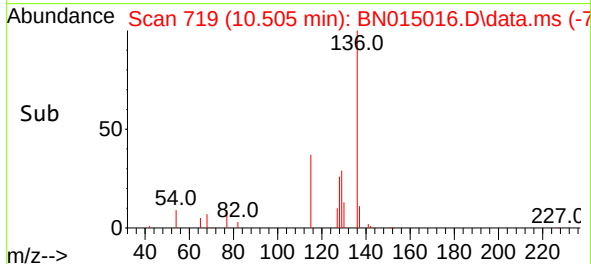
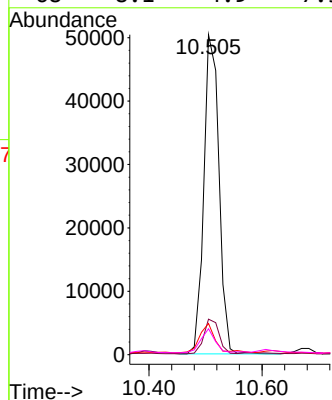
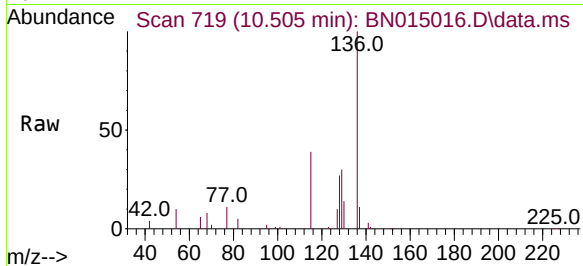




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

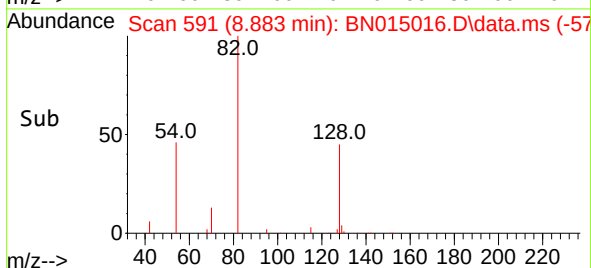
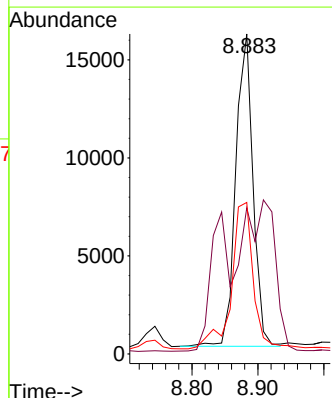
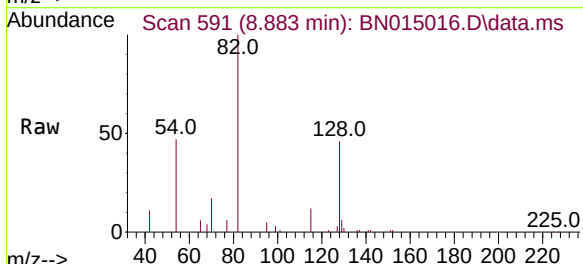
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

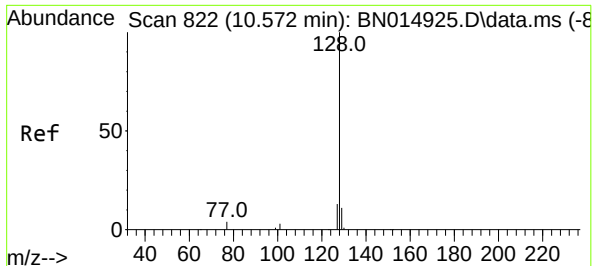
Tgt Ion:	136	Resp:	93861
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.8	14.8
54	9.8	5.4	8.2#
68	8.1	4.9	7.3#



#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.883 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

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#

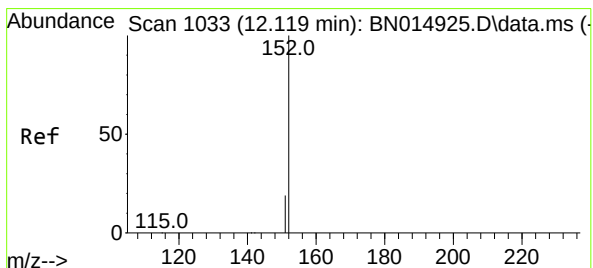
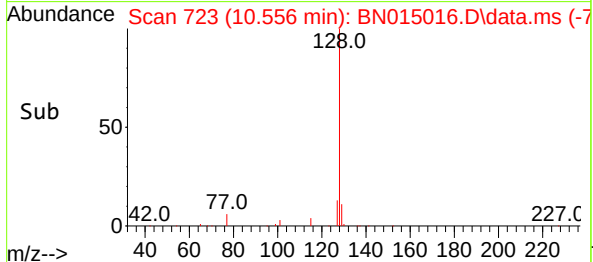
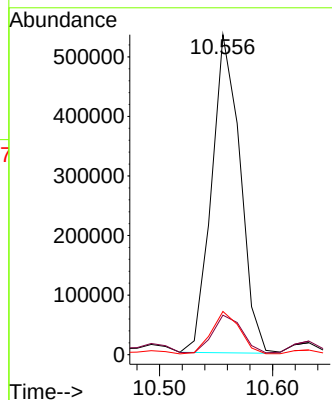
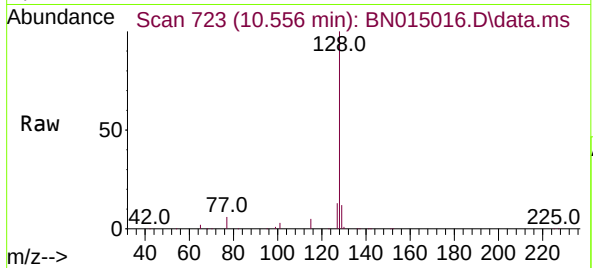




#9
Naphthalene
Concen: 3.57 ng
RT: 10.556 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

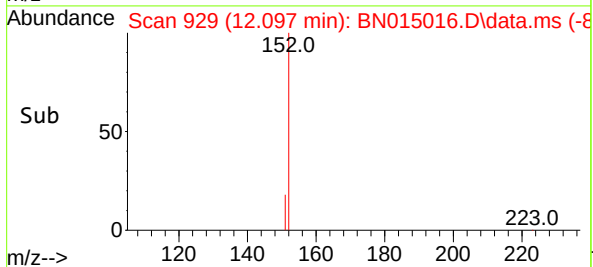
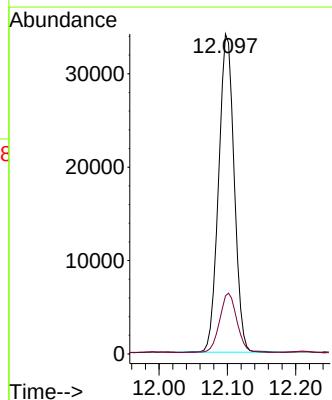
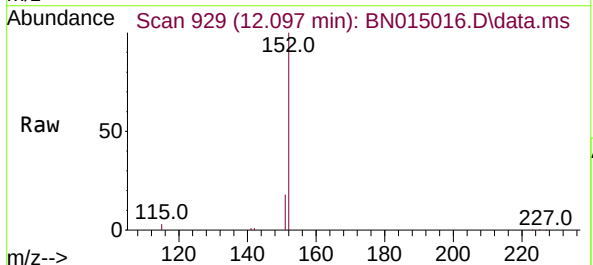
Instrument :
BNA_N
ClientSampleId :
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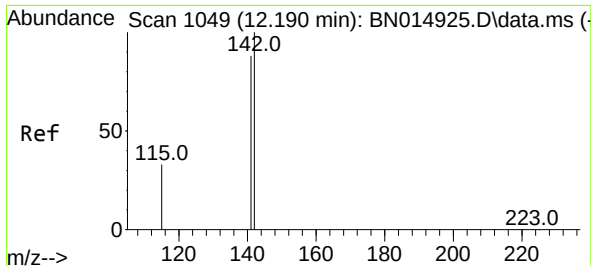
Tgt Ion:128 Resp: 940533
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 13.5 11.8 17.6



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.097 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

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

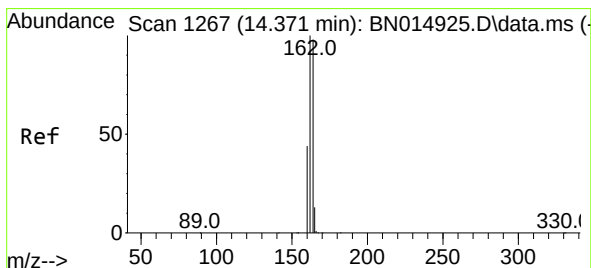
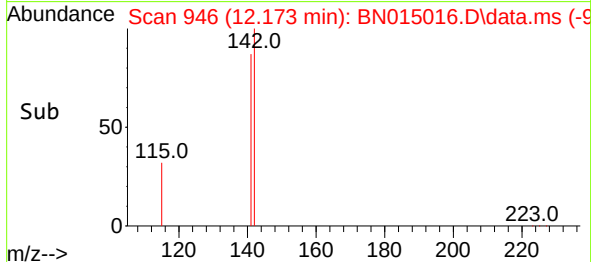
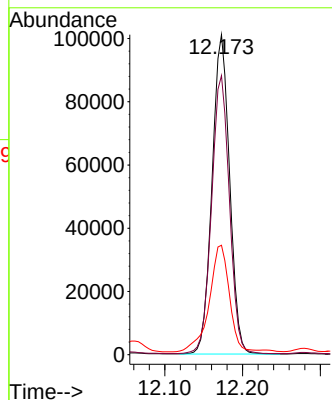
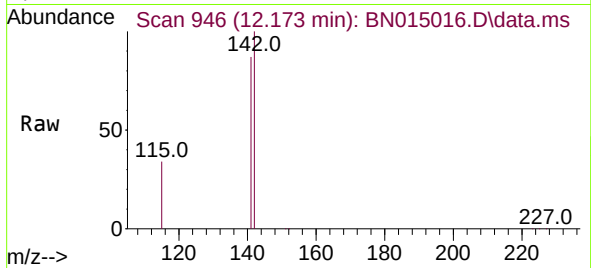




#12
2-Methylnaphthalene
Concen: 0.89 ng
RT: 12.173 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

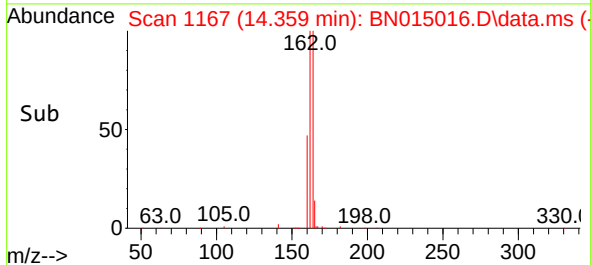
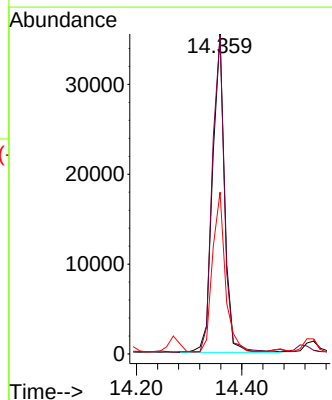
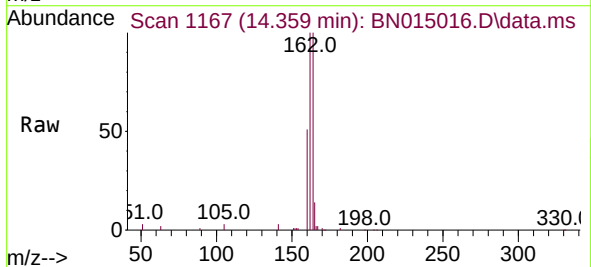
Instrument :
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ClientSampleId :
SB-1-GW

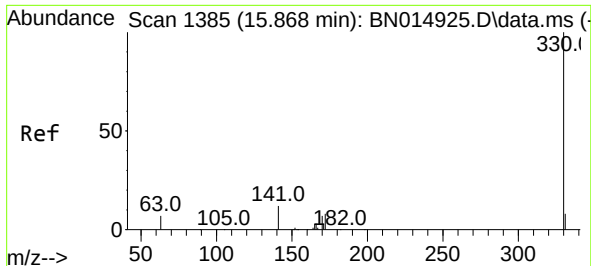
Tgt Ion:142 Resp: 158104
Ion Ratio Lower Upper
142 100
141 87.2 72.3 108.5
115 34.2 40.7 61.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

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

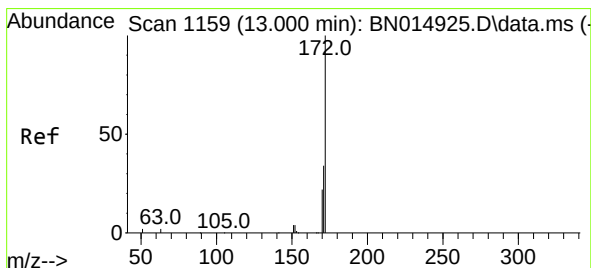
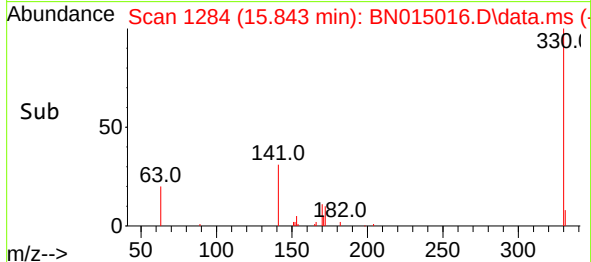
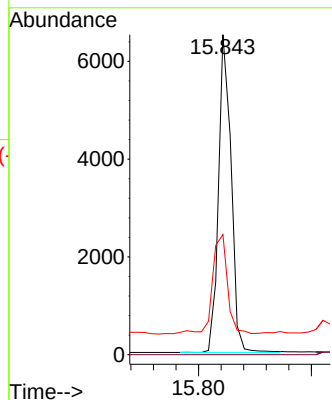
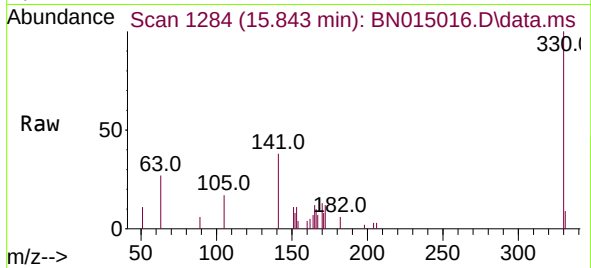




#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

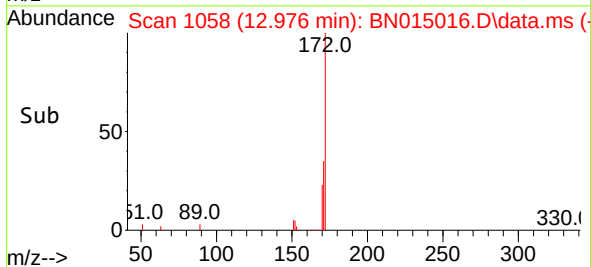
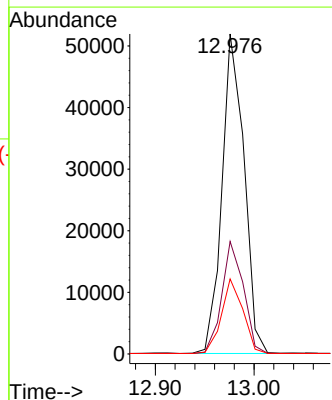
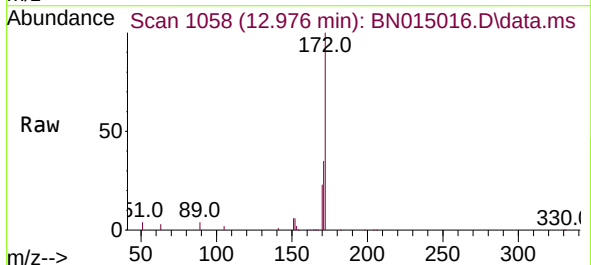
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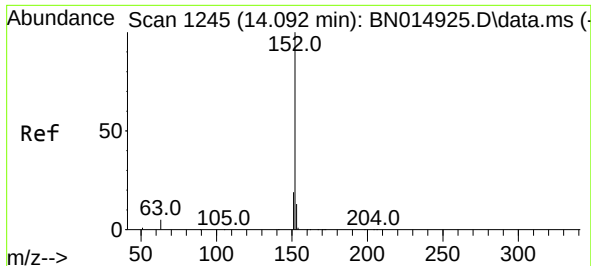
Tgt Ion:330 Resp: 10033
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.8 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.976 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

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

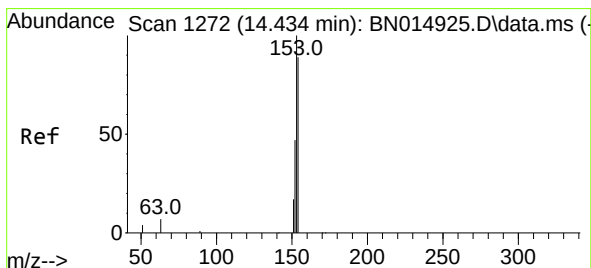
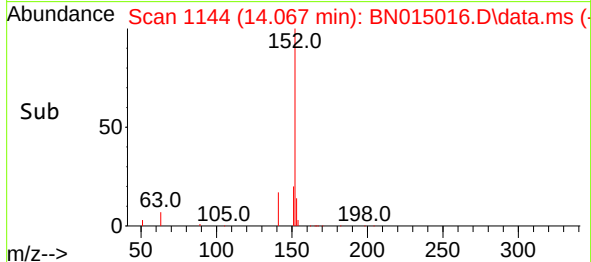
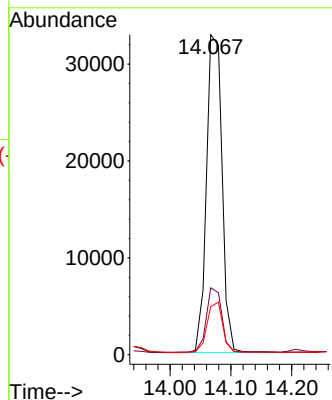
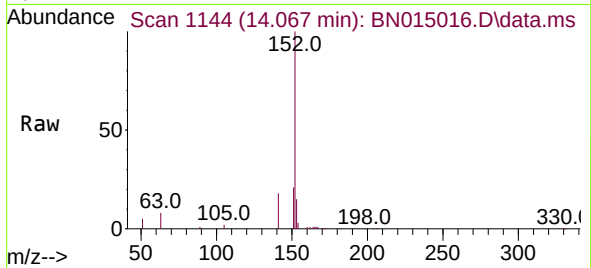




#16
Acenaphthylene
Concen: 0.21 ng
RT: 14.067 min Scan# 1144
Delta R.T. -0.013 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

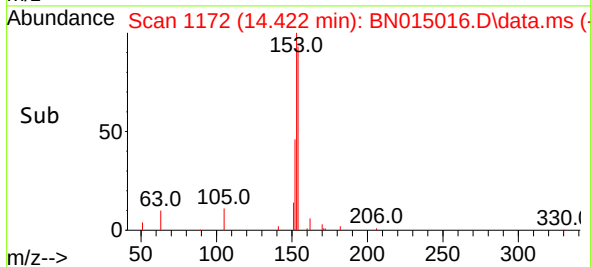
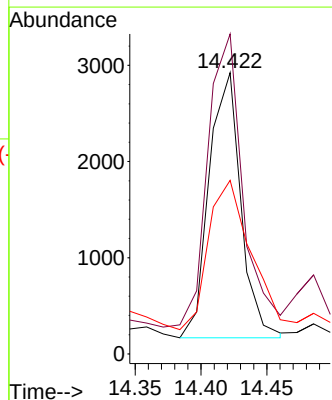
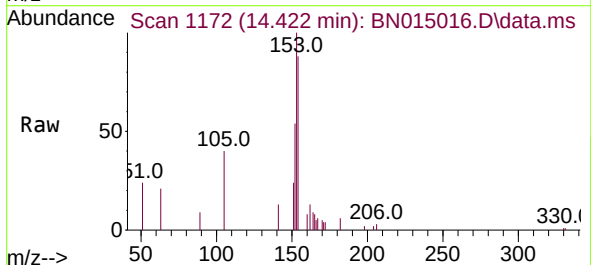
Instrument :
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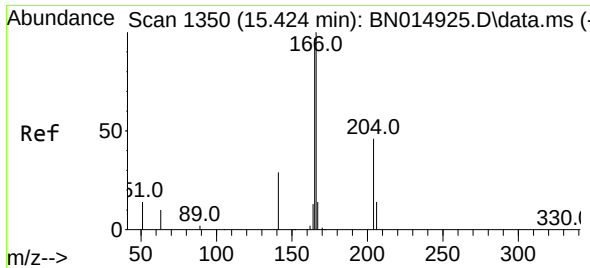
Tgt Ion:152 Resp: 58857
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1
153 15.9 10.5 15.7#



#17
Acenaphthene
Concen: 0.03 ng
RT: 14.422 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

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

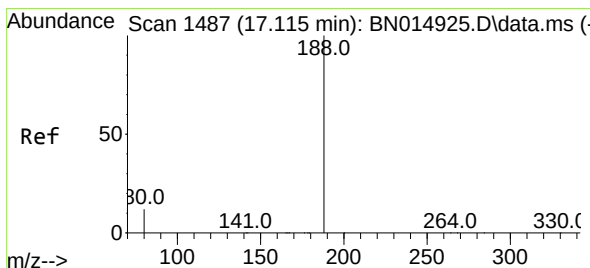
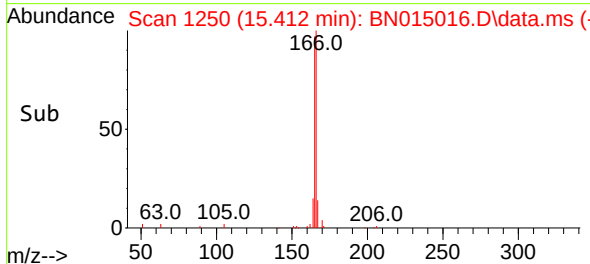
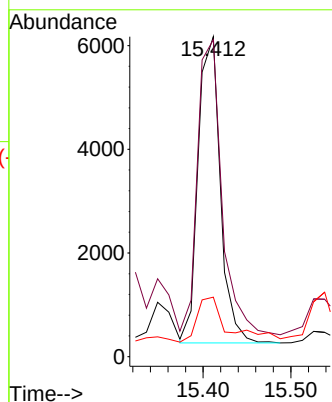
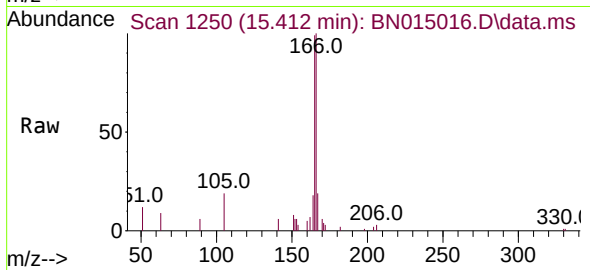




#18
Fluorene
Concen: 0.05 ng
RT: 15.412 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

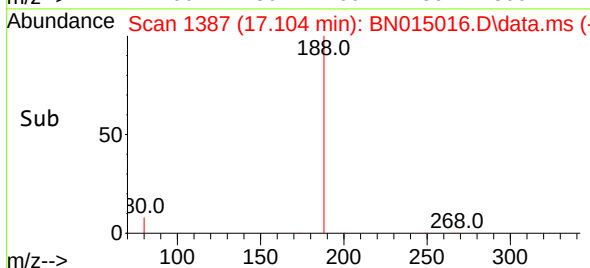
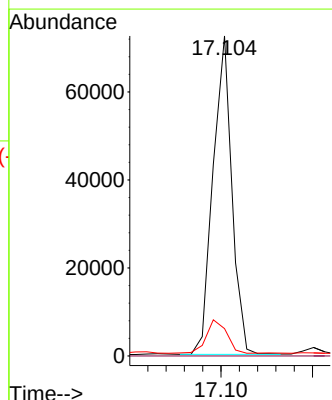
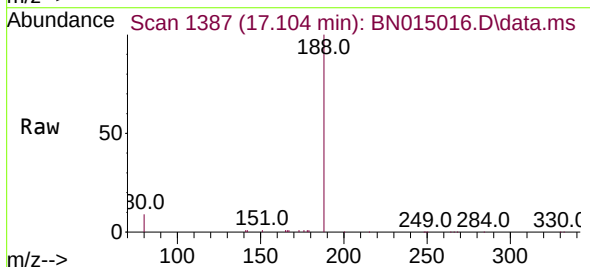
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

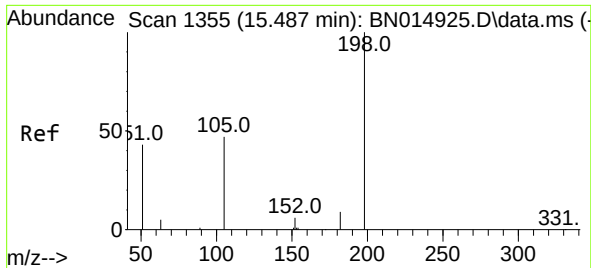
Tgt Ion:166 Resp: 10370
Ion Ratio Lower Upper
166 100
165 105.2 79.2 118.8
167 16.0 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

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#

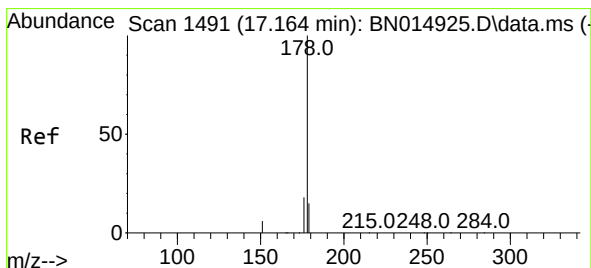
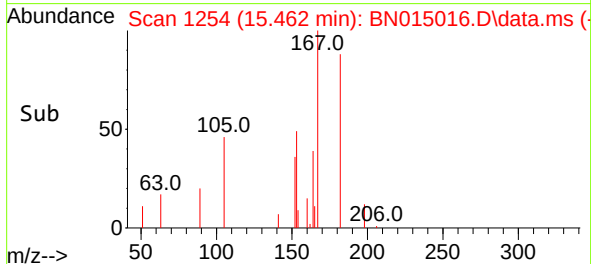
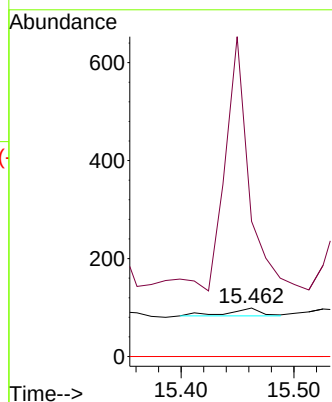
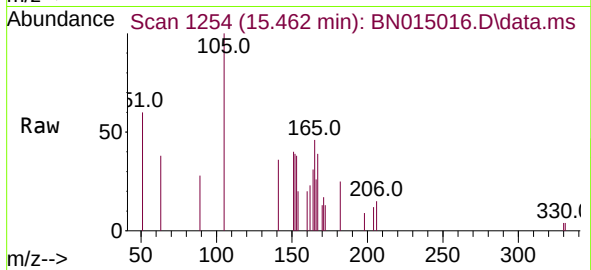




#20
4,6-Dinitro-2-methylphenol
Concen: 0.11 ng
RT: 15.462 min Scan# 1254
Delta R.T. -0.013 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

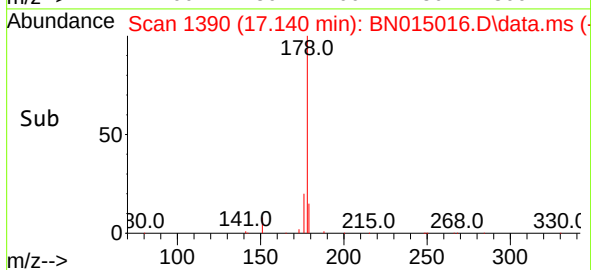
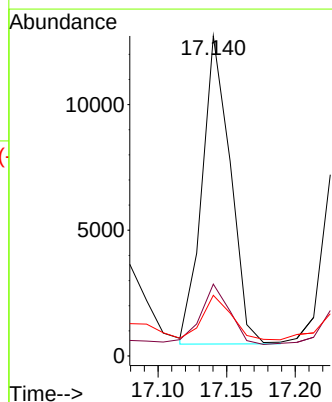
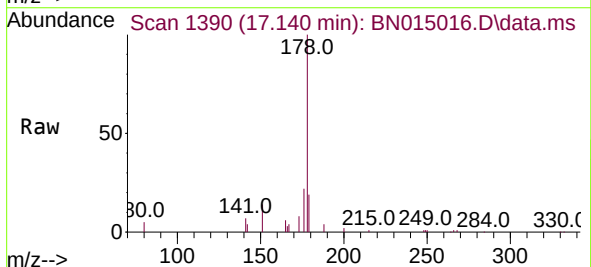
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

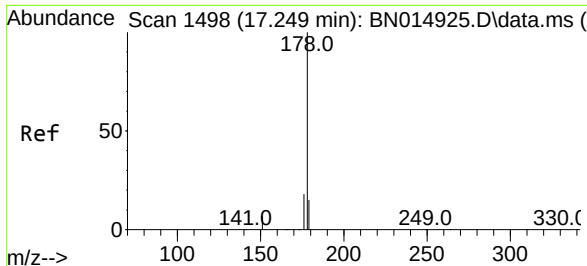
Tgt Ion:198 Resp: 32
Ion Ratio Lower Upper
198 100
182 278.8 34.5 51.7#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.06 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

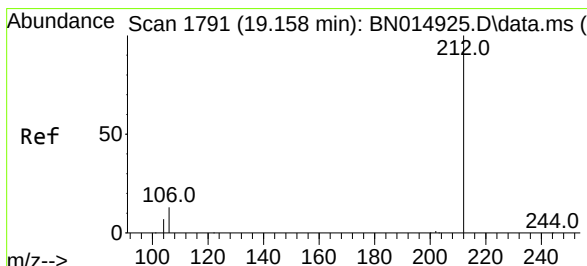
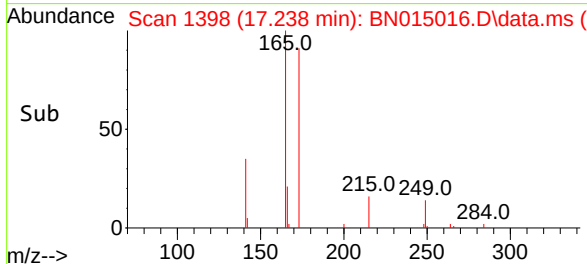
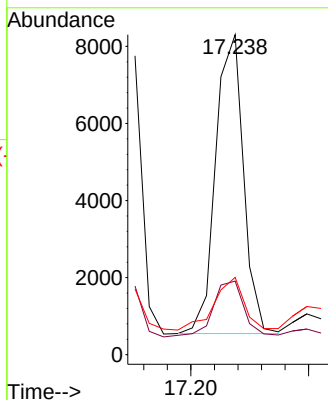
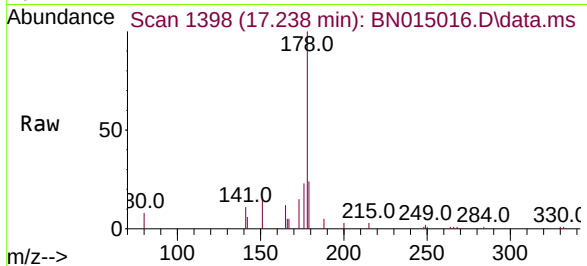




#26
 Anthracene
 Concen: 0.04 ng
 RT: 17.238 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: BN015016.D
 Acq: 23 Jun 2021 19:30

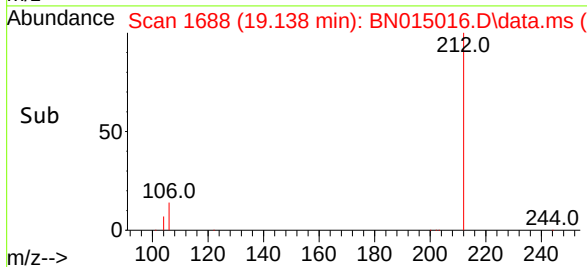
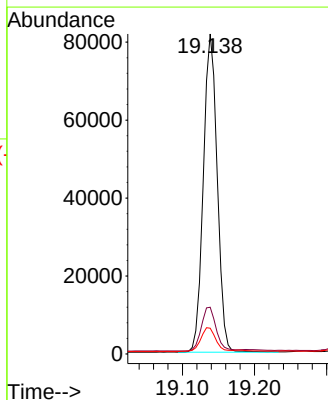
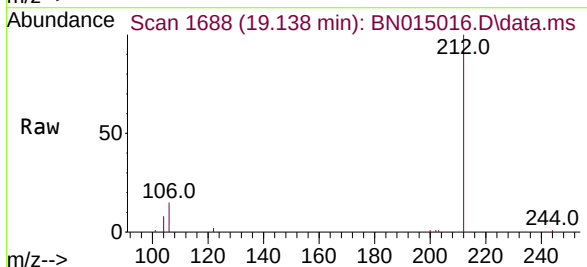
Instrument :
 BNA_N
 ClientSampleId :
 SB-1-GW

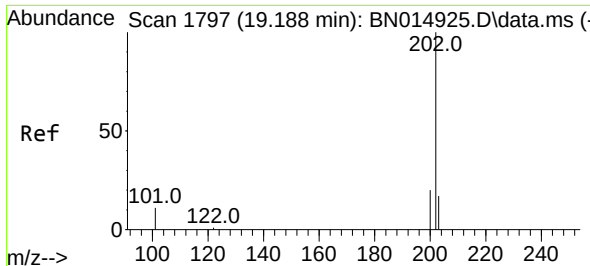
Tgt Ion:178 Resp: 12745
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.1 22.7
 179 18.7 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.33 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#

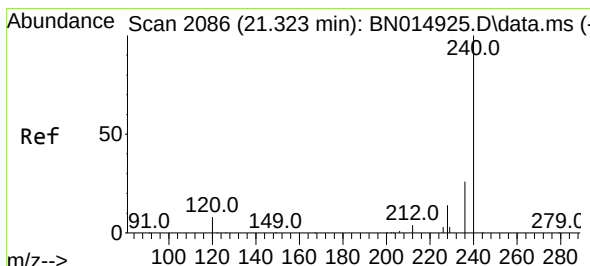
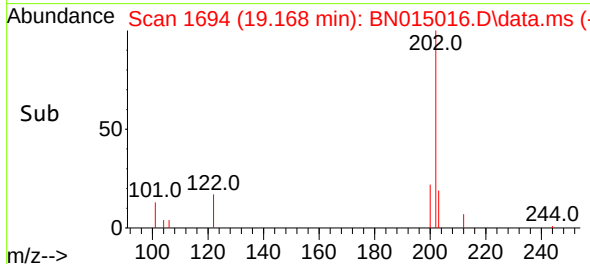
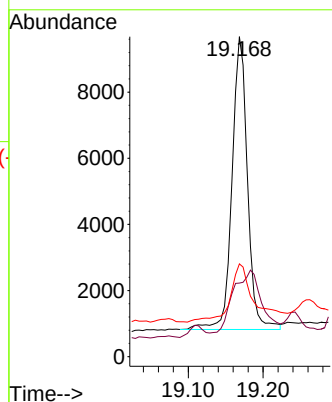
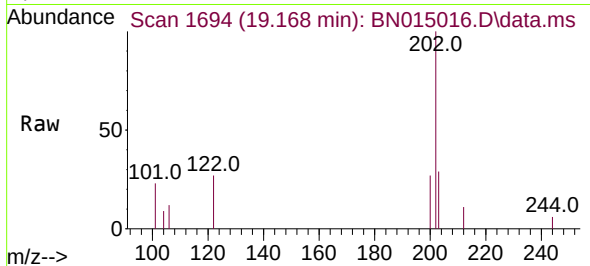




#28
Fluoranthene
Concen: 0.04 ng
RT: 19.168 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

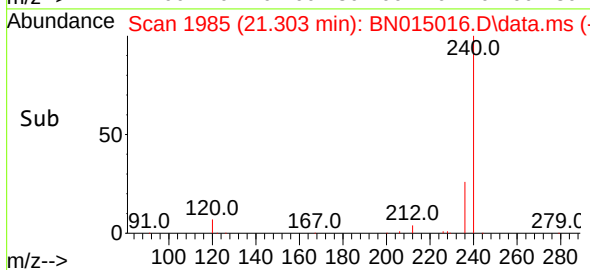
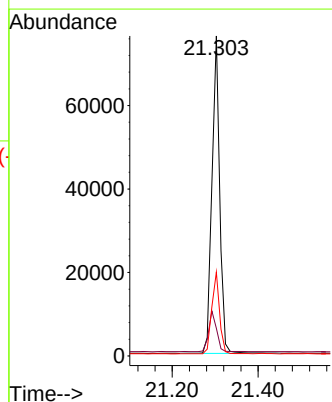
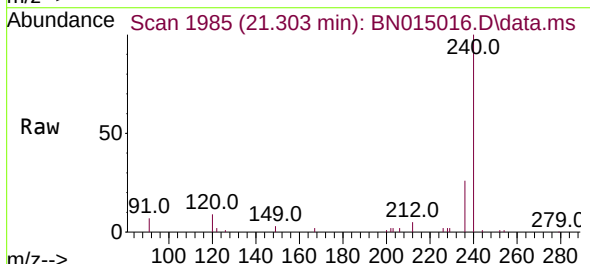
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

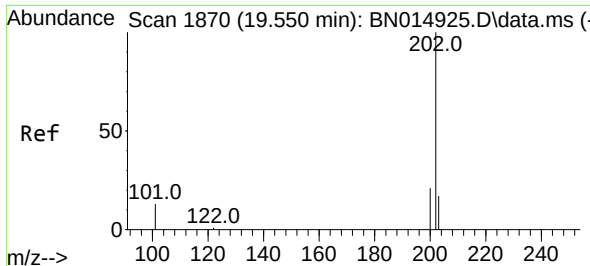
Tgt Ion:202 Resp: 12747
Ion Ratio Lower Upper
202 100
101 39.1 6.6 10.0#
203 31.4 13.9 20.9#



#29
Chrysene-d12
Concen: 0.40 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

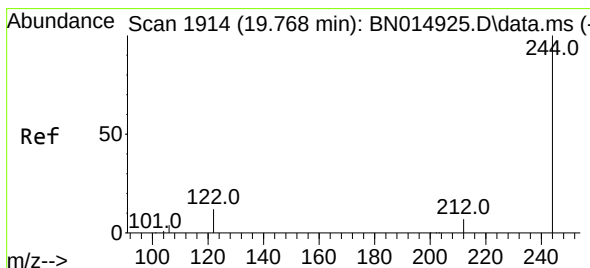
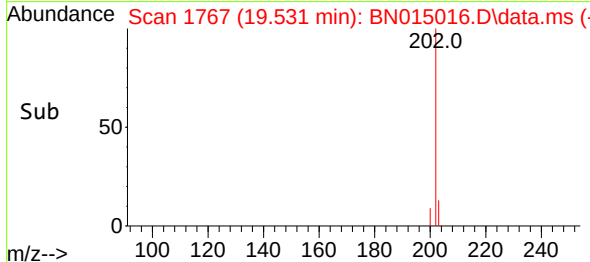
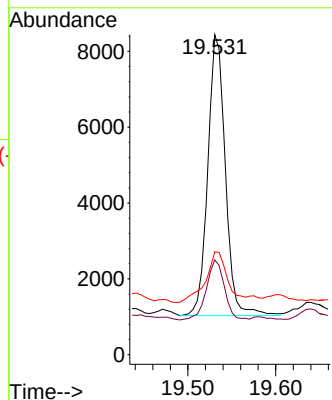
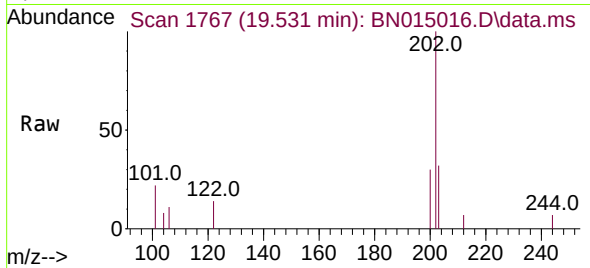




#30
Pyrene
Concen: 0.03 ng
RT: 19.531 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

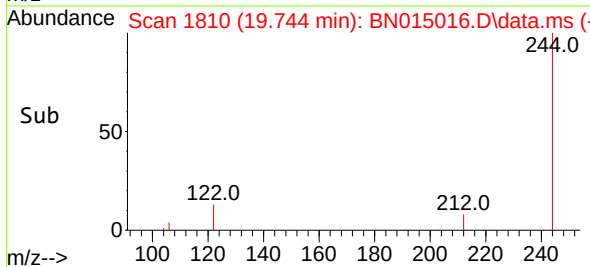
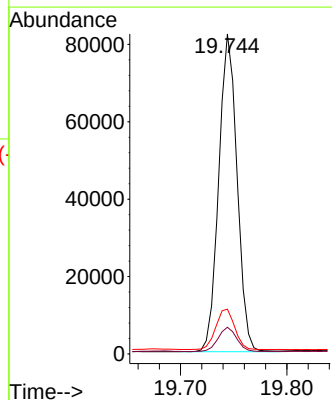
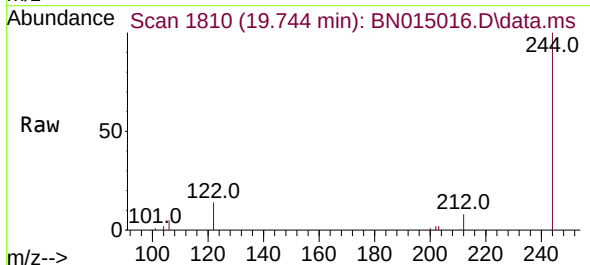
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

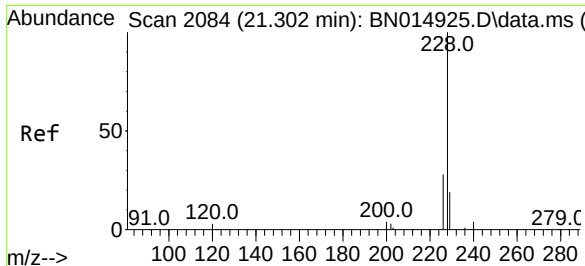
Tgt Ion:202 Resp: 10292
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 22.3 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.42 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#

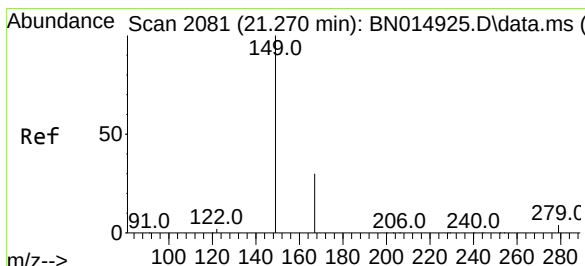
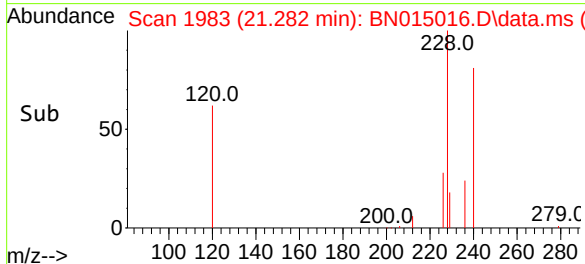
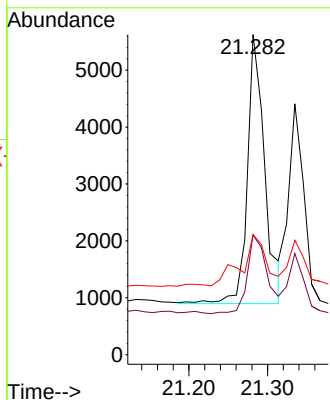
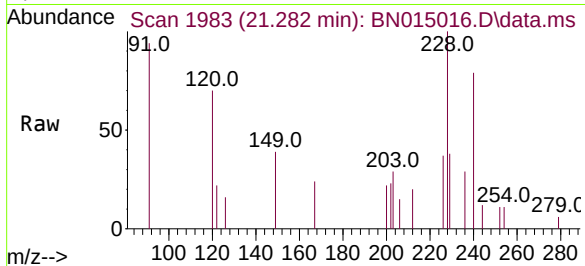




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.282 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

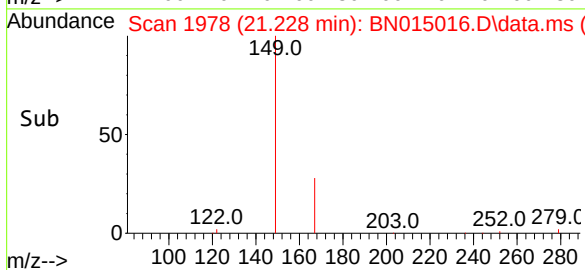
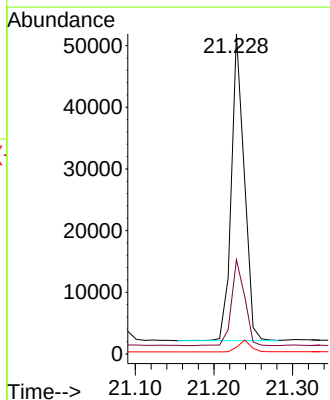
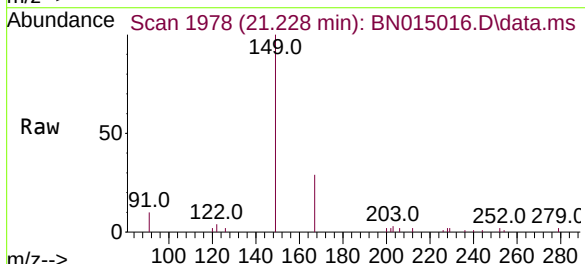
Instrument :
BNA_N
ClientSampleId :
SB-1-GW

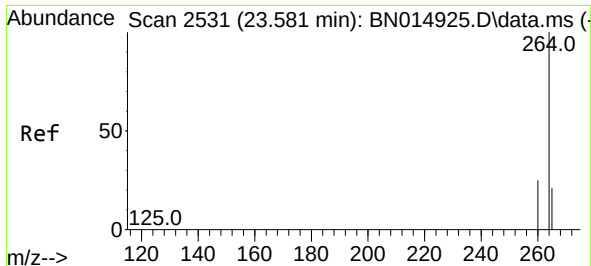
Tgt Ion:228 Resp: 7244
Ion Ratio Lower Upper
228 100
226 37.4 23.0 34.6#
229 37.6 15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.23 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#

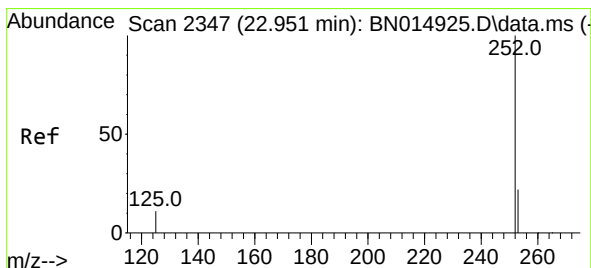
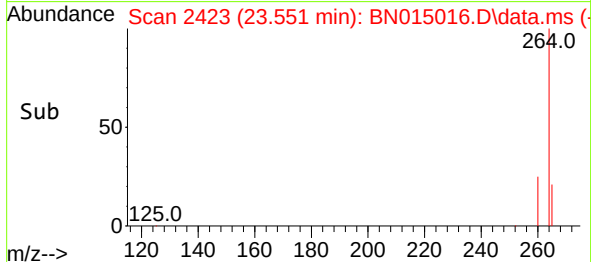
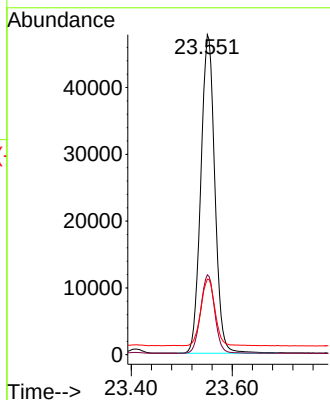
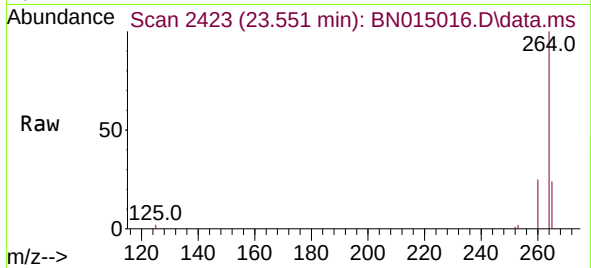




#35
Perylene-d12
Concen: 0.40 ng
RT: 23.551 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Instrument :
BNA_N
ClientSampleId :
SB-1-GW

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



#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.880 min Scan# 2227
Delta R.T. -0.041 min
Lab File: BN015016.D
Acq: 23 Jun 2021 19:30

Tgt Ion:252 Resp: 6770
Ion Ratio Lower Upper
252 100
253 45.9 19.1 28.7#
125 48.2 5.4 8.0#

