

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031921\
 Data File : BN013984.D
 Acq On : 18 Mar 2021 16:19
 Operator : CG/JU
 Sample : M1714-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-224-234-031721

Quant Time: Mar 18 16:49:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 15:58:40 2021
 Response via : Initial Calibration

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

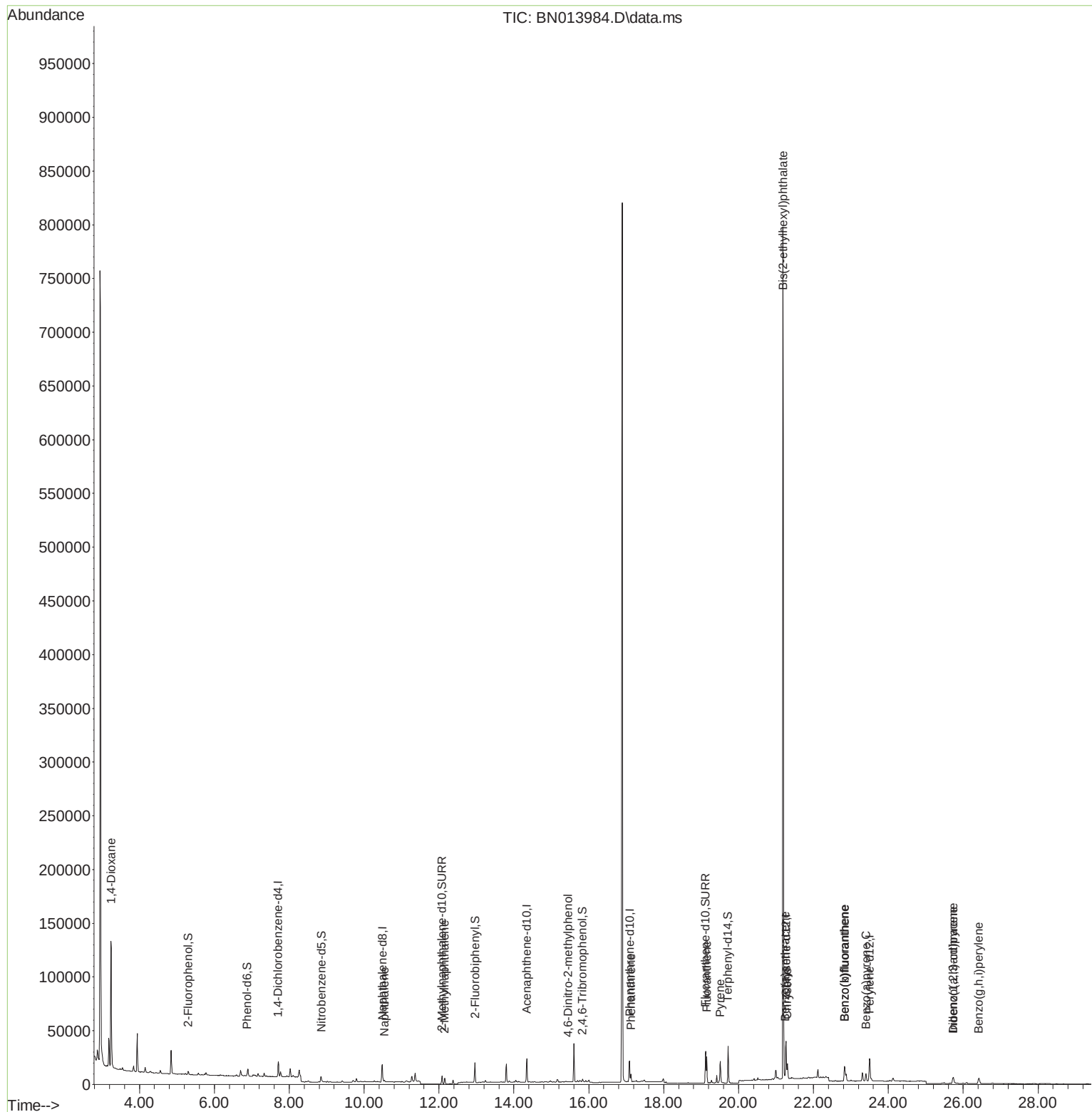
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	5974	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	23359	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	13338	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	29404	0.40	ng	# 0.00
29) Chrysene-d12	21.271	240	31093	0.40	ng	# 0.00
36) Perylene-d12	23.499	264	29107	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	2112	0.13	ng	0.00
5) Phenol-d6	6.871	99	1663	0.08	ng	0.00
8) Nitrobenzene-d5	8.857	82	4433	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.080	152	10248	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.831	330	1782	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	14808	0.31	ng	0.00
27) Fluoranthene-d10	19.119	212	32219	0.37	ng	0.00
31) Terphenyl-d14	19.719	244	33297	0.48	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	76191	10.55	ng	97
9) Naphthalene	10.543	128	1938	0.03	ng	# 86
12) 2-Methylnaphthalene	12.155	142	3940	0.10	ng	98
20) 4,6-Dinitro-2-methylph...	15.450	198	41	0.02	ng	# 1
25) Phenanthrene	17.128	178	7042	0.09	ng	98
28) Fluoranthene	19.149	202	21020	0.23	ng	# 94
30) Pyrene	19.511	202	17114	0.18	ng	# 95
32) Benzo(a)anthracene	21.250	228	7293	0.08	ng	94
33) Chrysene	21.303	228	13097	0.14	ng	97
34) Bis(2-ethylhexyl)phtha...	21.186	149	730650	16.08	ng	100
35) Indeno(1,2,3-cd)pyrene	25.728	276	9764	0.09	ng	94
37) Benzo(b)fluoranthene	22.832	252	21108	0.23	ng	# 89
38) Benzo(k)fluoranthene	22.832	252	21108	0.23	ng	# 90
39) Benzo(a)pyrene	23.400	252	9300	0.11	ng	# 80
40) Dibenzo(a,h)anthracene	25.738	278	2042	0.02	ng	# 54
41) Benzo(g,h,i)perylene	26.416	276	10993	0.12	ng	97

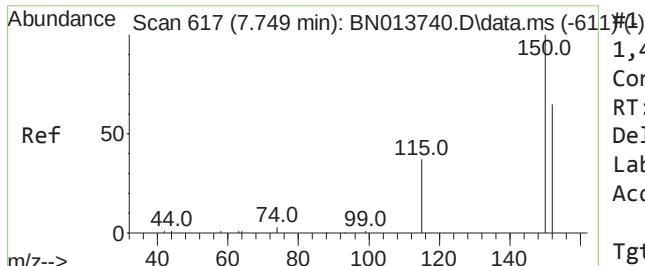
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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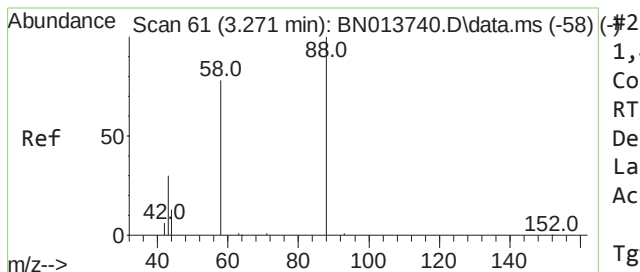
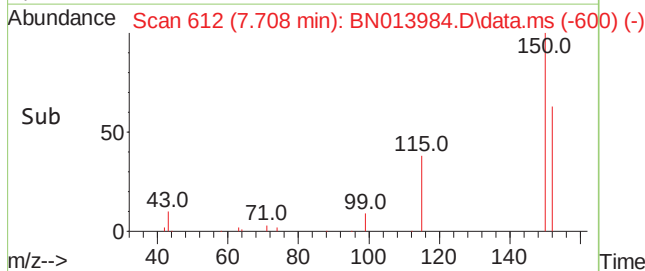
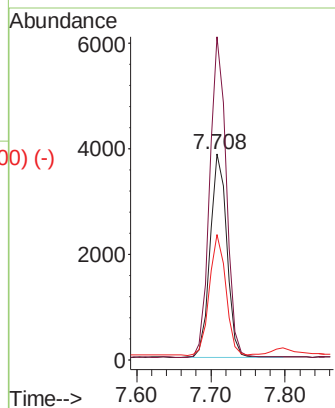
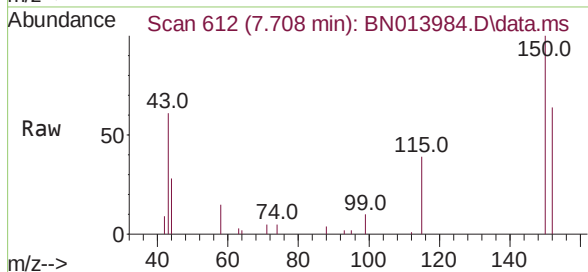




1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.708 min Scan# 612
Delta R.T. 0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

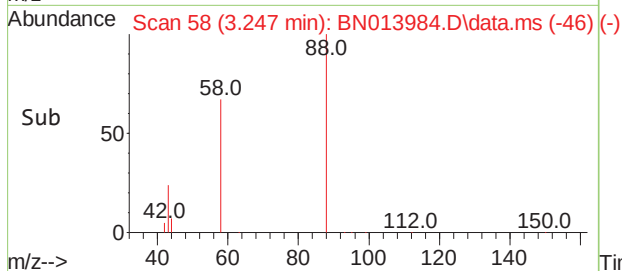
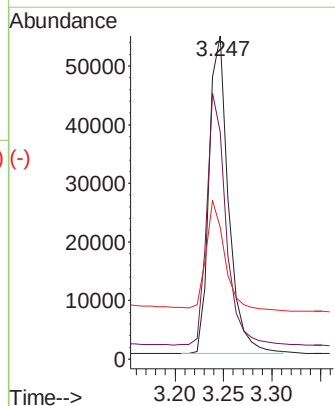
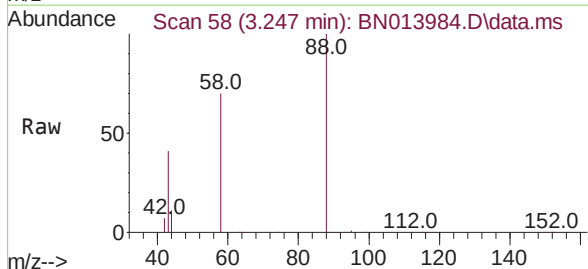
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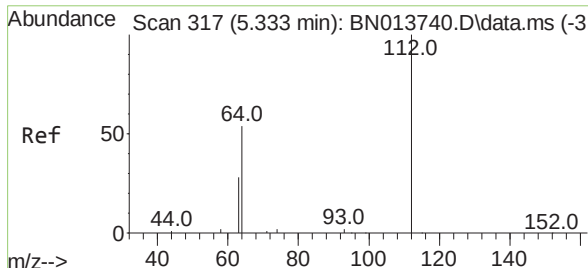
Tgt Ion:152 Resp: 5974
Ion Ratio Lower Upper
152 100
150 157.0 121.8 182.8
115 60.9 46.6 69.8



1,4-Dioxane
Concen: 10.55 ng
RT: 3.247 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion: 88 Resp: 76191
Ion Ratio Lower Upper
88 100
58 77.5 64.6 96.8
43 33.6 26.6 40.0

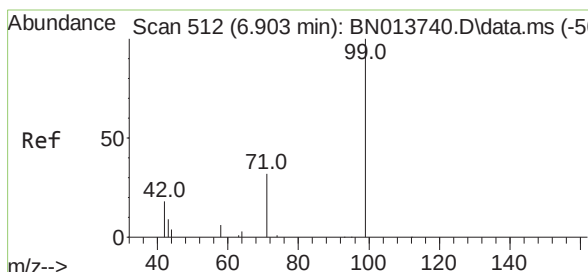
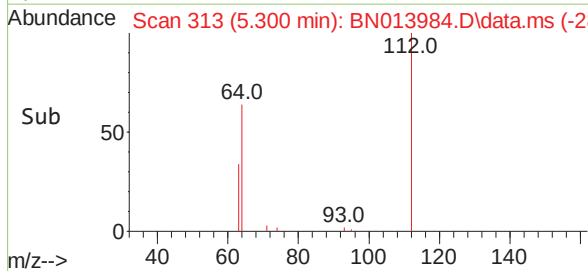
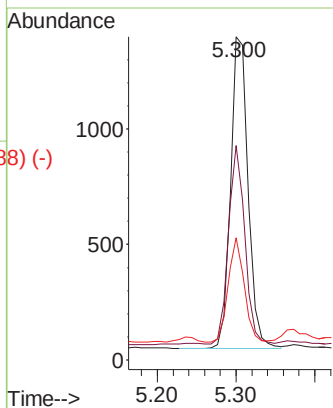
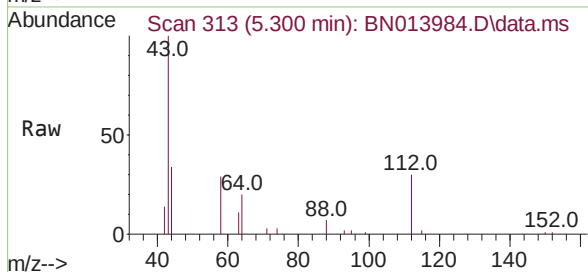




Scan 317 (5.333 min): BN013740.D\data.ms (-311)#4
 2-Fluorophenol
 Concen: 0.13 ng
 RT: 5.300 min Scan# 313
 Delta R.T. -0.000 min
 Lab File: BN013984.D
 Acq: 18 Mar 2021 16:19

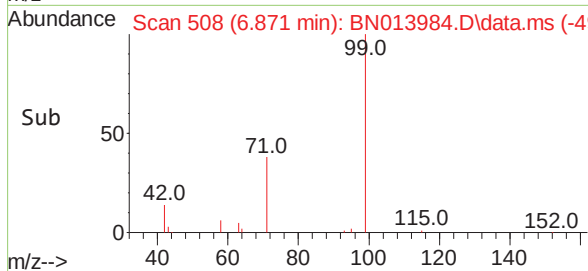
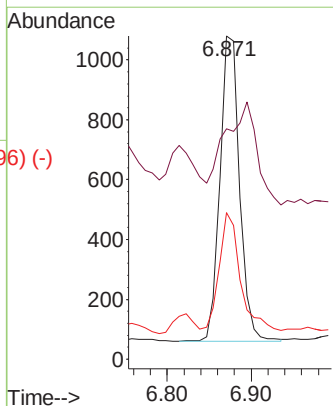
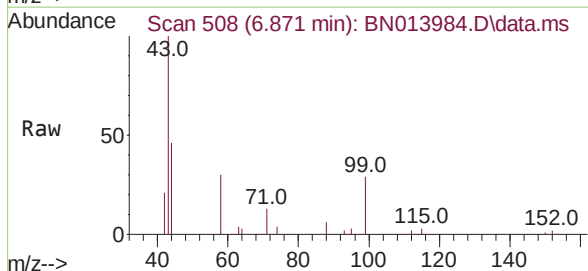
Instrument :
 BNA_N
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 GWBR3-224-234-031721

Tgt Ion:	112	Resp:	2112
Ion	Ratio	Lower	Upper
112	100		
64	59.6	44.3	66.5
63	31.1	23.0	34.6

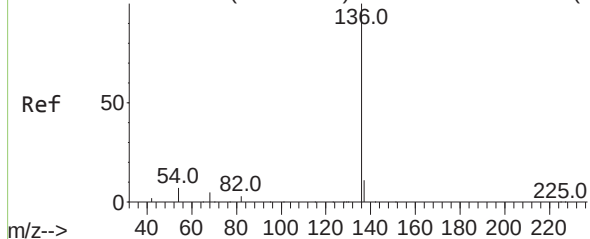


Scan 512 (6.903 min): BN013740.D\data.ms (-504)#5
 Phenol-d6
 Concen: 0.08 ng
 RT: 6.871 min Scan# 508
 Delta R.T. -0.000 min
 Lab File: BN013984.D
 Acq: 18 Mar 2021 16:19

Tgt Ion:	99	Resp:	1663
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	44.1	26.1	39.1#



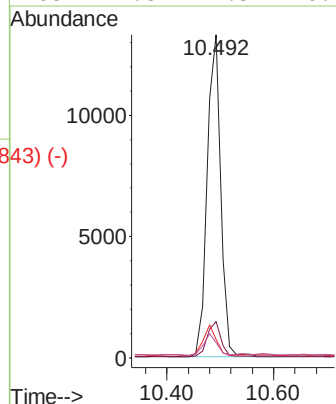
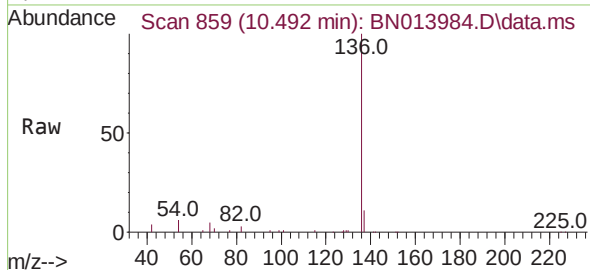
Abundance Scan 862 (10.530 min): BN013740.D\data.ms (-854#7-)



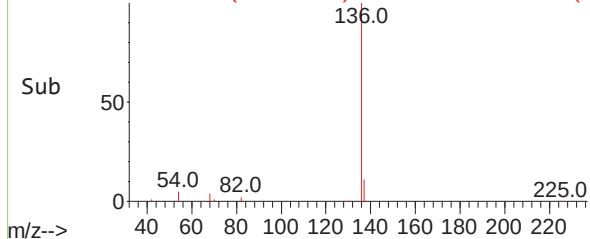
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

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BNA_N
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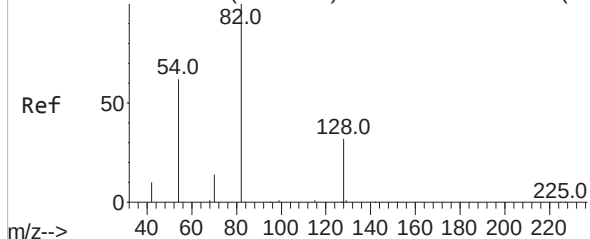
Tgt Ion:	136	Resp:	23359
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	5.7	6.4	9.6#
68	4.8	4.5	6.7



Abundance Scan 859 (10.492 min): BN013984.D\data.ms (-843) (-)

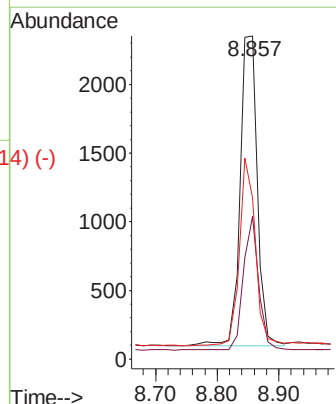
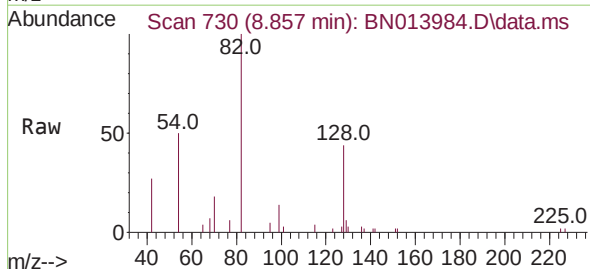


Abundance Scan 732 (8.883 min): BN013740.D\data.ms (-729#8)

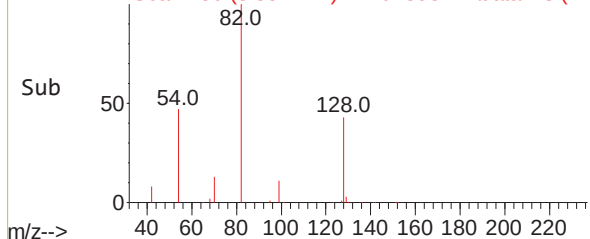


Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

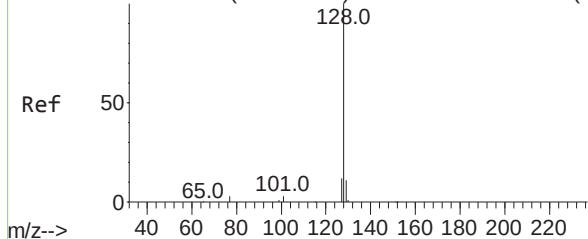
Tgt Ion:	82	Resp:	4433
Ion	Ratio	Lower	Upper
82	100		
128	44.1	39.2	58.8
54	50.0	40.1	60.1



Abundance Scan 730 (8.857 min): BN013984.D\data.ms (-714) (-)



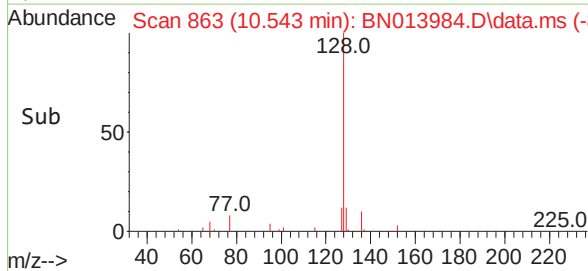
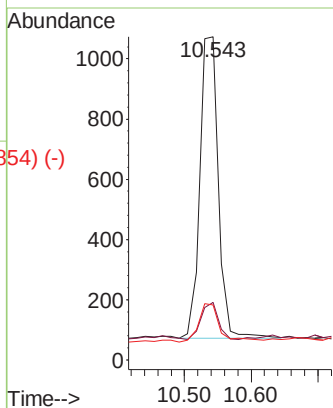
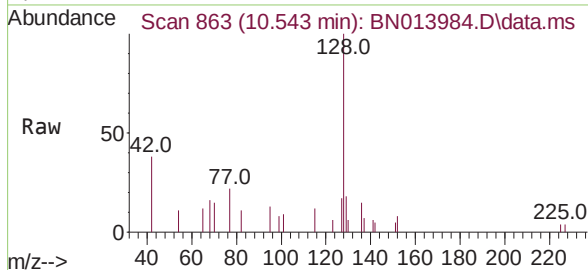
Abundance Scan 866 (10.581 min): BN013740.D\data.ms (-866) (-)



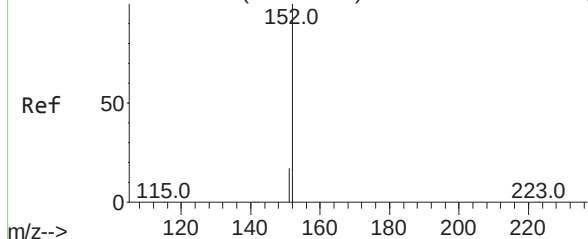
Naphthalene
Concen: 0.03 ng
RT: 10.543 min Scan# 863
Delta R.T. 0.013 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Instrument :
BNA_N
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GWBR3-224-234-031721

Tgt Ion:	128	Resp:	1938
Ion	Ratio	Lower	Upper
128	100		
129	17.9	9.0	13.4#
127	17.1	10.4	15.6#

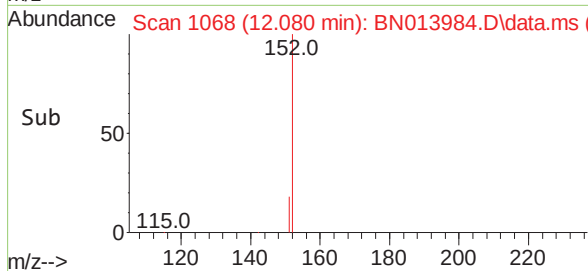
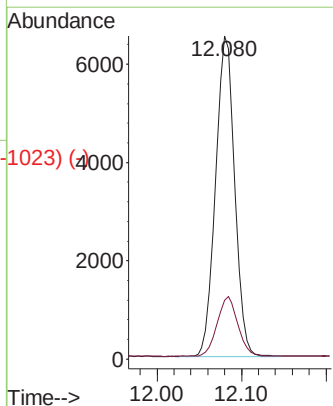
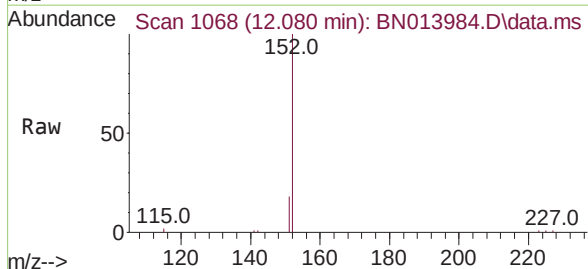


Abundance Scan 1078 (12.124 min): BN013740.D\data.ms (-1078) (-)

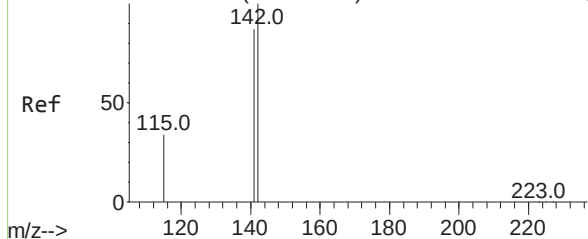


2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.080 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:	152	Resp:	10248
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2



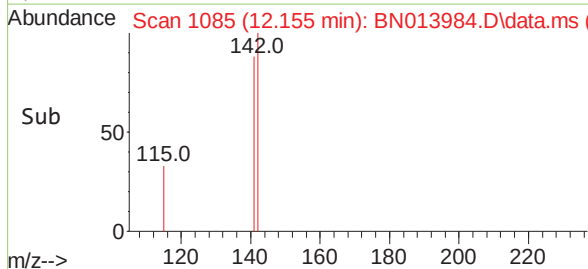
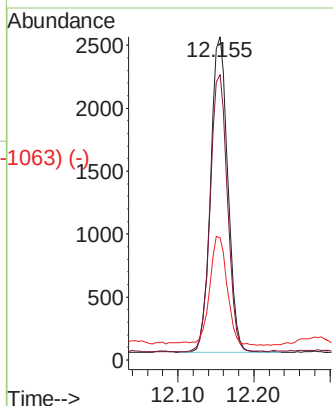
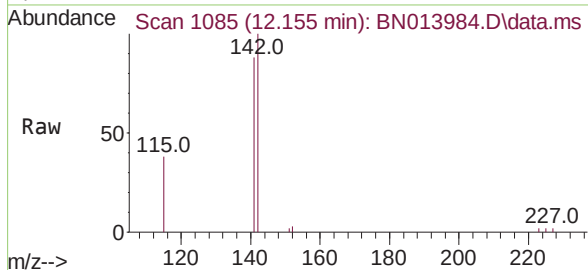
Abundance Scan 1095 (12.200 min): BN013740.D\data.ms (-1063) (-)



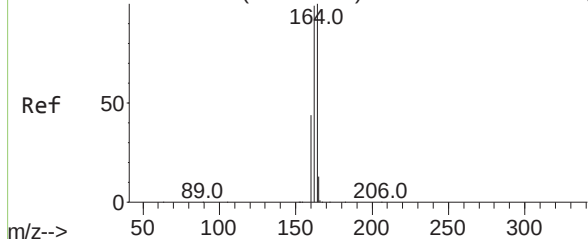
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.155 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

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Tgt Ion:	142	Resp:	3940
Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.5	105.7
115	37.7	27.4	41.0

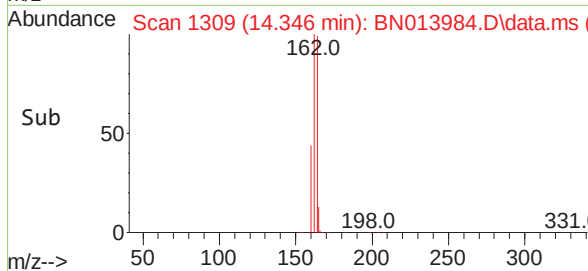
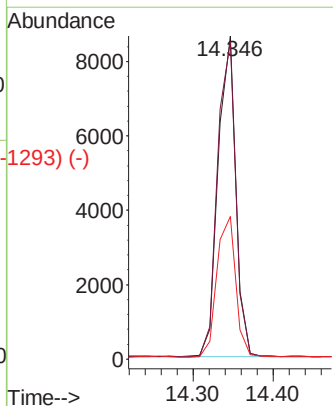
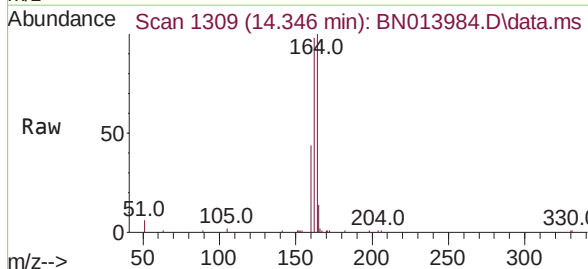


Abundance Scan 1312 (14.384 min): BN013740.D\data.ms (-1293) (-)

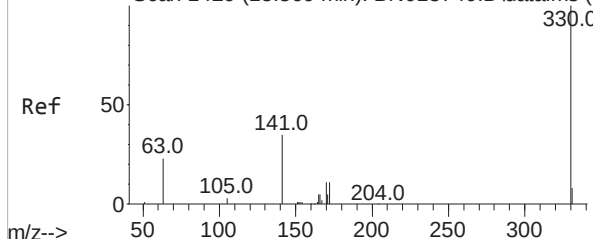


Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:	164	Resp:	13338
Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.6	119.4
160	44.2	36.0	54.0



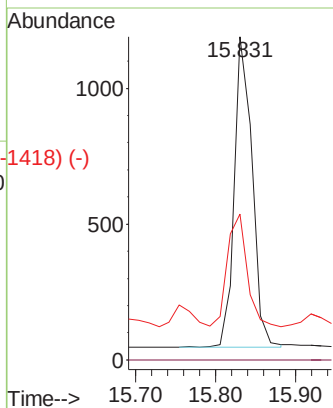
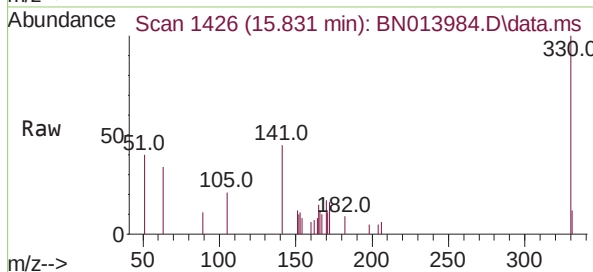
Abundance Scan 1429 (15.869 min): BN013740.D\data.ms (-1418) (-)



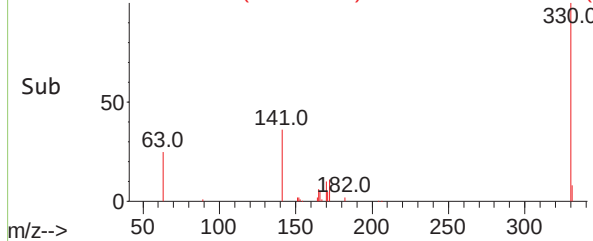
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.831 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN013984.D
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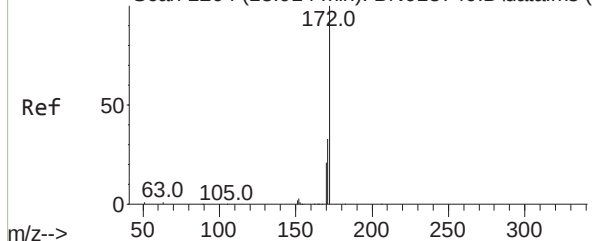
Tgt Ion:330 Resp: 1782
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.5 26.8 40.2#



Abundance Scan 1426 (15.831 min): BN013984.D\data.ms (-1418) (-)

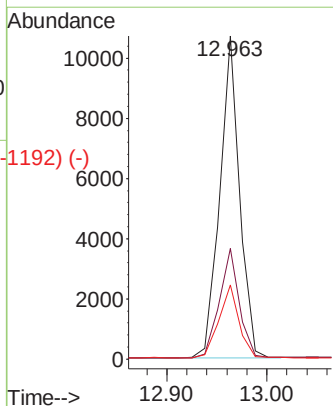
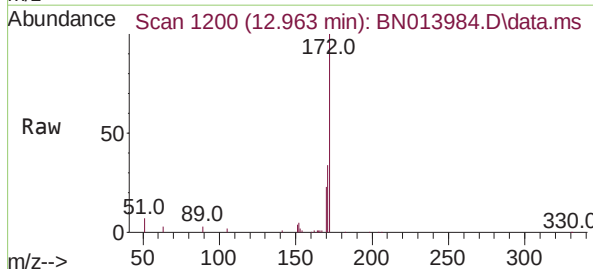


Abundance Scan 1204 (13.014 min): BN013740.D\data.ms (-1192) (-)

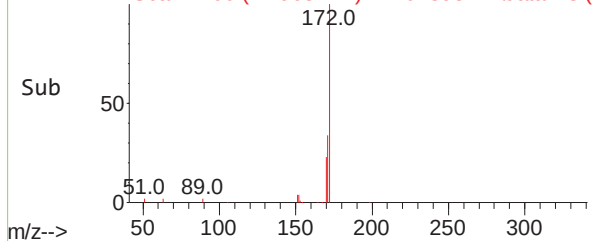


2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.963 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

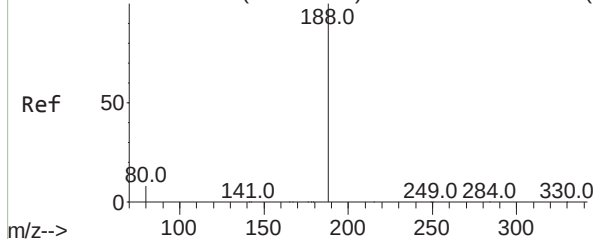
Tgt Ion:172 Resp: 14808
Ion Ratio Lower Upper
172 100
171 34.2 28.6 42.8
170 23.1 18.9 28.3



Abundance Scan 1200 (12.963 min): BN013984.D\data.ms (-1192) (-)



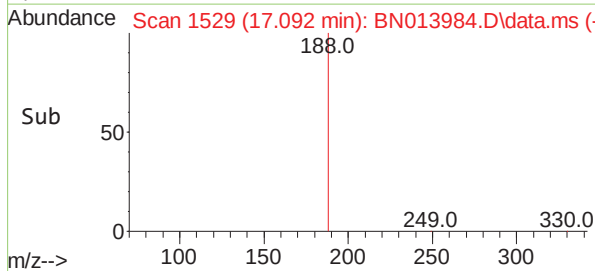
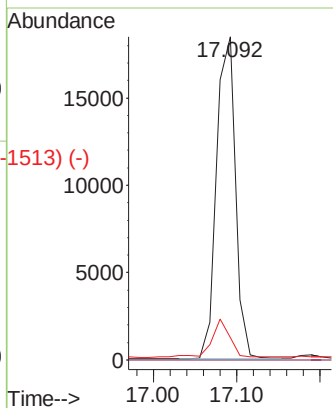
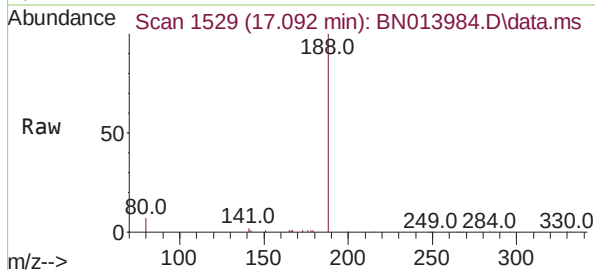
Abundance Scan 1532 (17.128 min): BN013740.D\data.ms (-1513) (-)



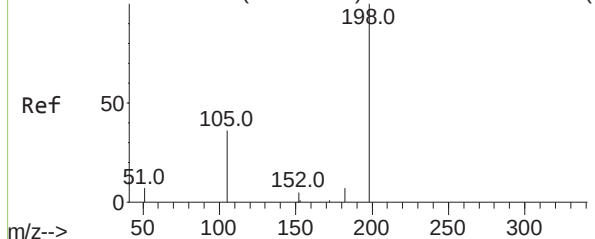
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721

Tgt Ion:188 Resp: 29404
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 9.0 13.6#

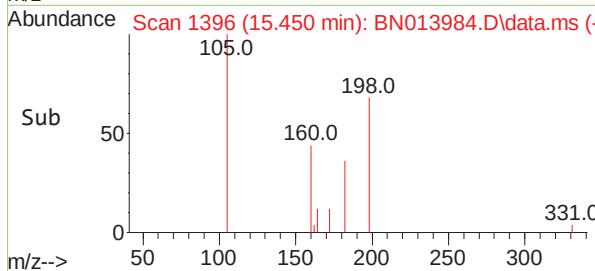
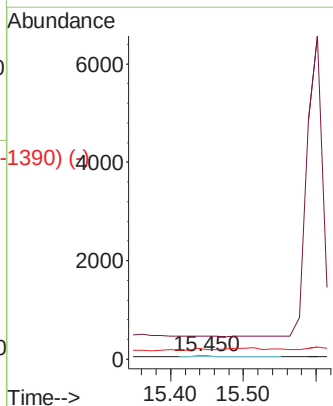
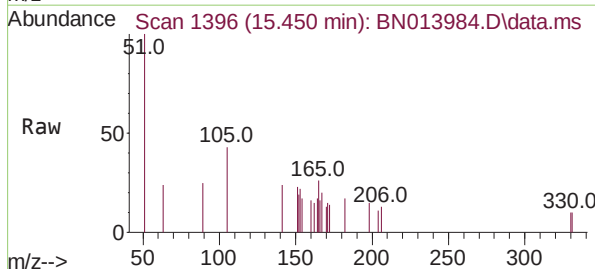


Abundance Scan 1400 (15.501 min): BN013740.D\data.ms (-1513) (-)

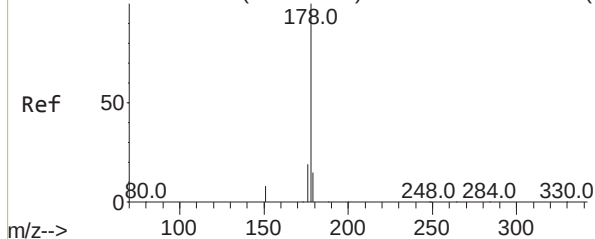


4,6-Dinitro-2-methylphenol
Concen: 0.02 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.025 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:198 Resp: 41
Ion Ratio Lower Upper
198 100
51 677.9 61.7 92.5#
105 291.2 33.0 49.6#



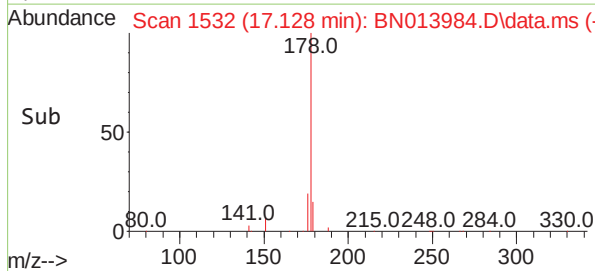
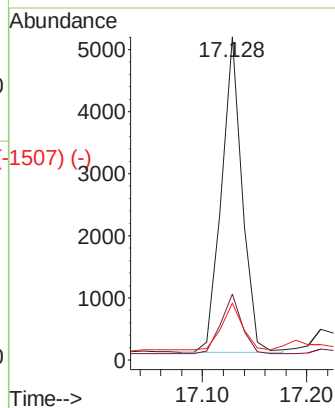
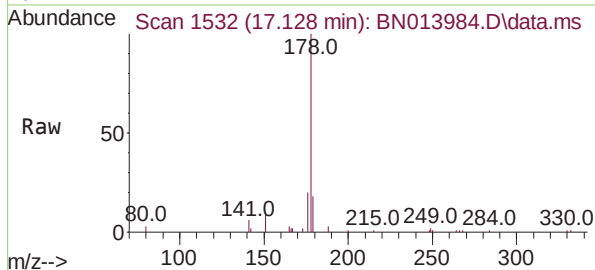
Abundance Scan 1535 (17.165 min): BN013740.D\data.ms (-1525) (-)



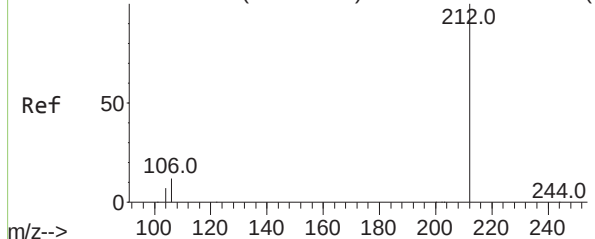
Phenanthrene
Concen: 0.09 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

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BNA_N
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Tgt Ion:	178	Resp:	7042
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	16.8	12.3	18.5

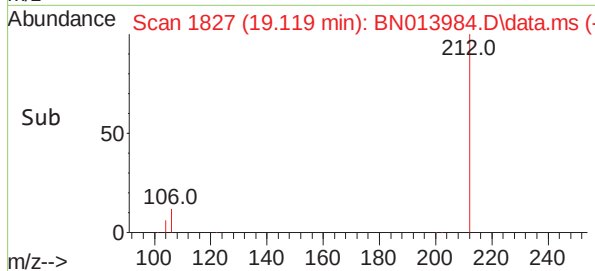
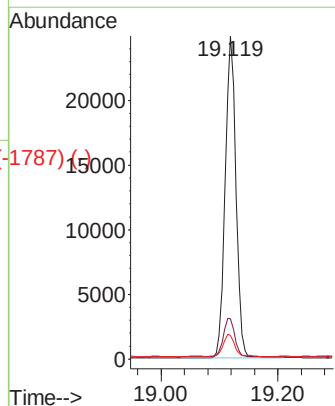
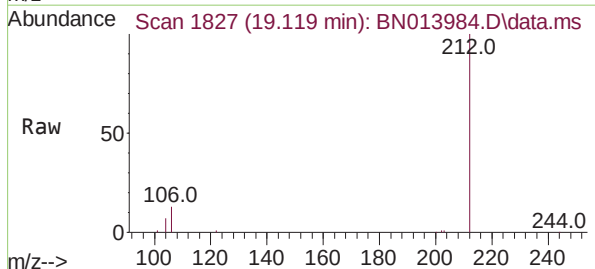


Abundance Scan 1835 (19.159 min): BN013740.D\data.ms (-1825) (-)

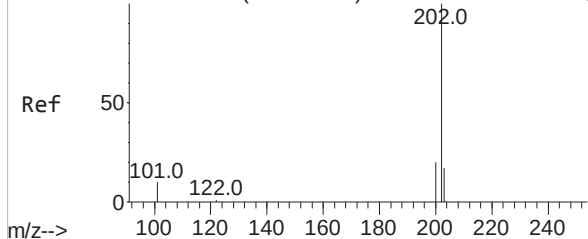


Fluoranthene-d10
Concen: 0.37 ng
RT: 19.119 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:	212	Resp:	32219
Ion	Ratio	Lower	Upper
212	100		
106	12.5	9.7	14.5
104	7.0	5.5	8.3



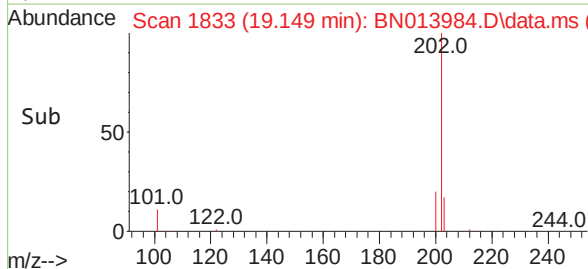
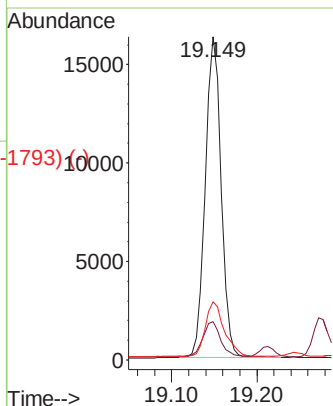
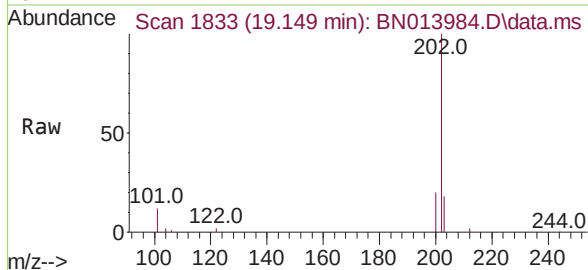
Abundance Scan 1841 (19.188 min): BN013740.D\data.ms (-1833) (-)



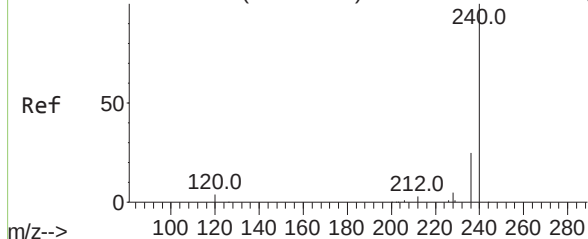
Fluoranthene
Concen: 0.23 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Instrument :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.1	12.1#
203	20.3	13.9	20.9

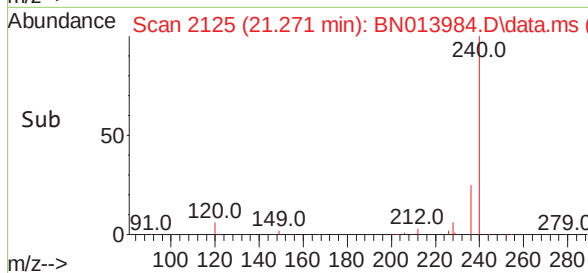
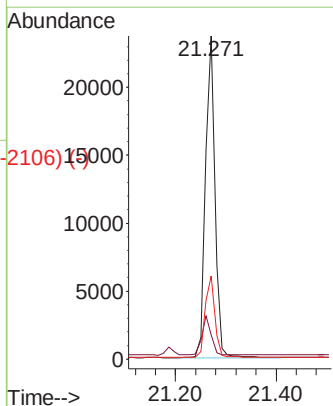
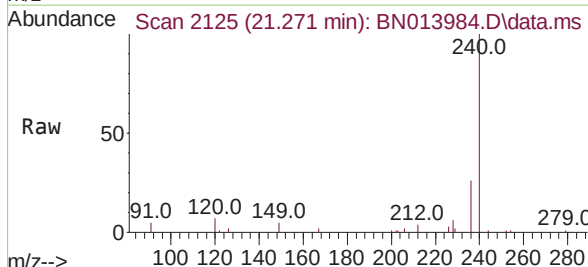


Abundance Scan 2129 (21.314 min): BN013740.D\data.ms (-2125) (-)

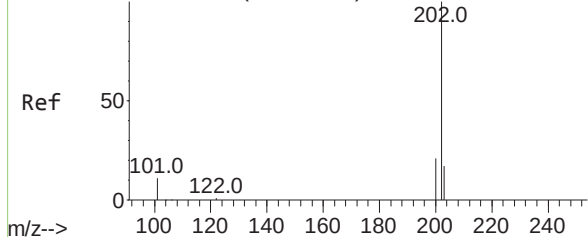


Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	10.2	15.4#
236	25.6	21.3	31.9



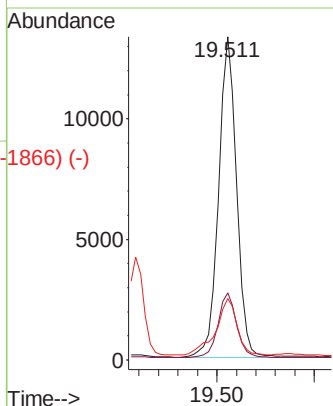
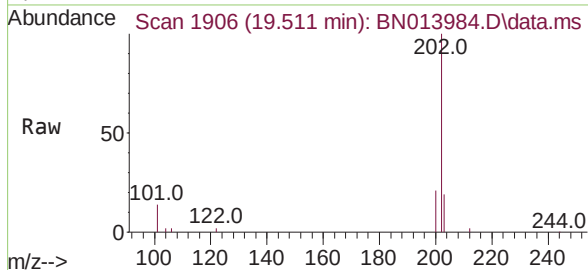
Abundance Scan 1914 (19.551 min): BN013740.D\data.ms (-1932) (-)



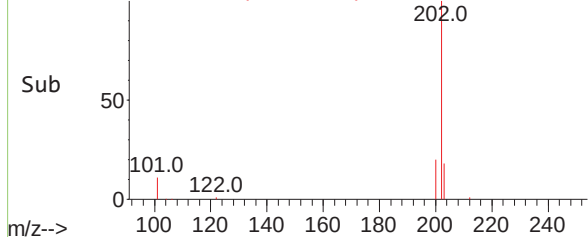
Pyrene
Concen: 0.18 ng
RT: 19.511 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:	202	Resp:	17114
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	21.1	14.0	21.0#

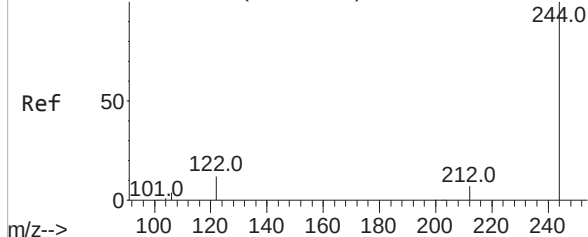
Instrument :
BNA_N
ClientSampleId :
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Abundance Scan 1906 (19.511 min): BN013984.D\data.ms (-1866) (-)

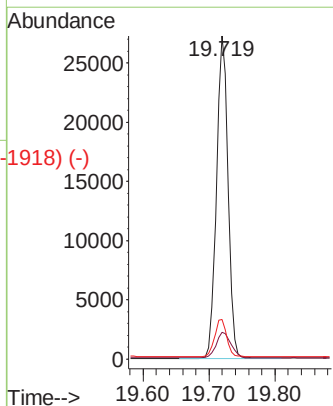
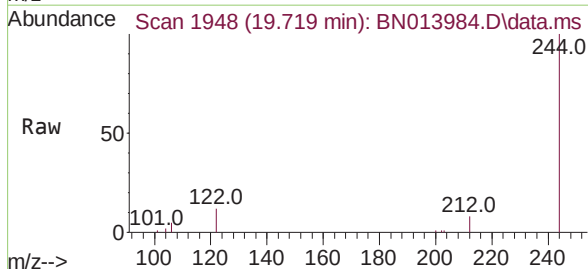


Abundance Scan 1957 (19.764 min): BN013740.D\data.ms (-1943) (-)

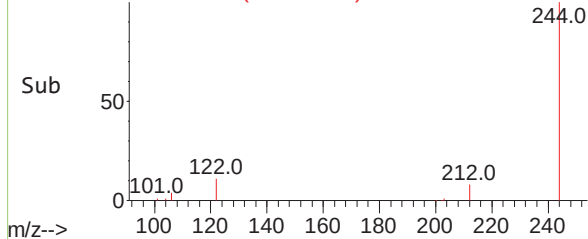


Terphenyl-d14
Concen: 0.48 ng
RT: 19.719 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

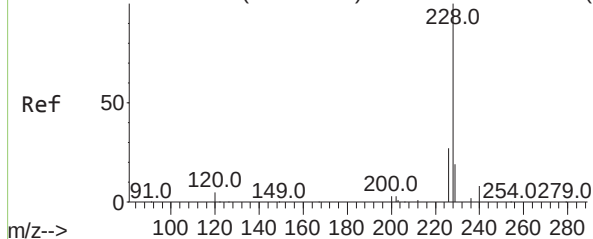
Tgt Ion:	244	Resp:	33297
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.1	9.1
122	12.3	9.8	14.8



Abundance Scan 1948 (19.719 min): BN013984.D\data.ms (-1918) (-)



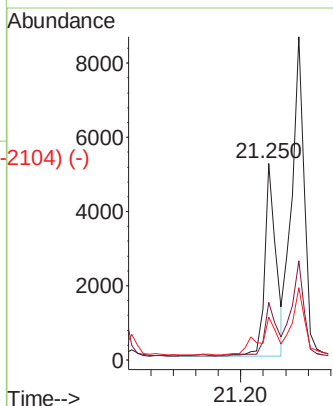
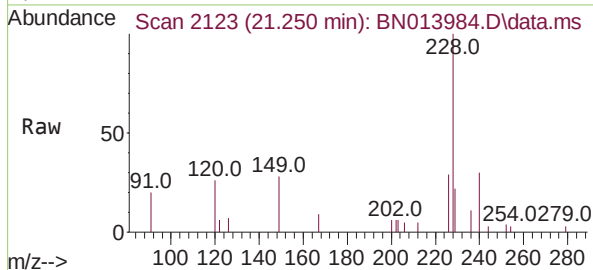
Abundance Scan 2127 (21.293 min): BN013740.D\data.ms (-2127) (-)



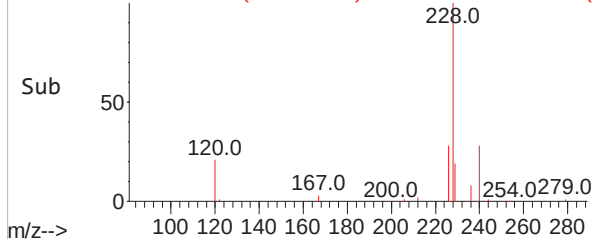
Benzo(a)anthracene
Concen: 0.08 ng
RT: 21.250 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

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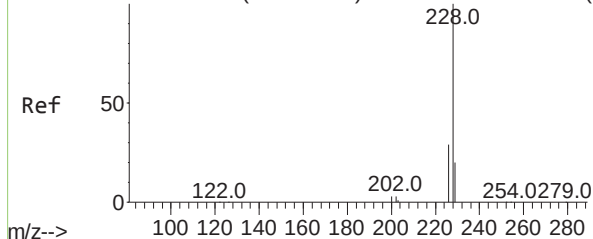
Tgt Ion:	228	Resp:	7293
Ion	Ratio	Lower	Upper
228	100		
226	29.4	20.5	30.7
229	21.9	16.2	24.4



Abundance Scan 2123 (21.250 min): BN013984.D\data.ms (-2104) (-)

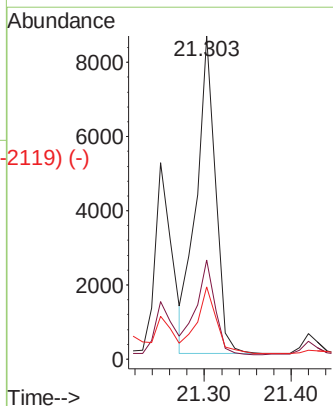
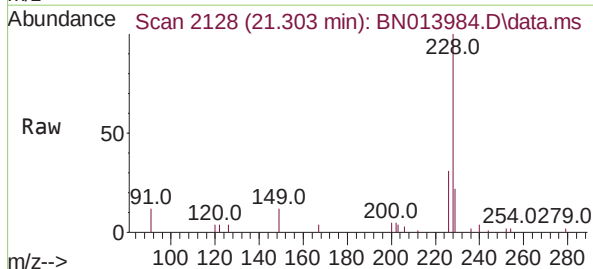


Abundance Scan 2132 (21.346 min): BN013740.D\data.ms (-2132) (-)

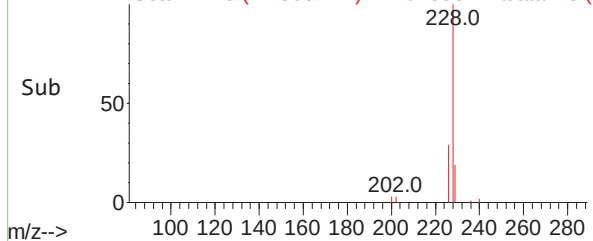


Chrysene
Concen: 0.14 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

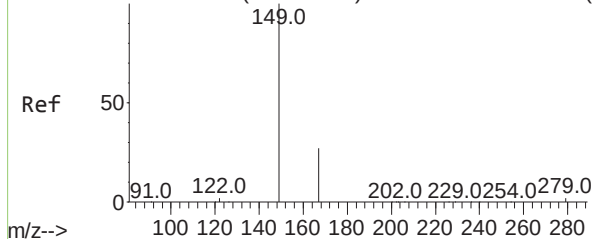
Tgt Ion:	228	Resp:	13097
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	22.4	15.1	22.7



Abundance Scan 2128 (21.303 min): BN013984.D\data.ms (-2119) (-)



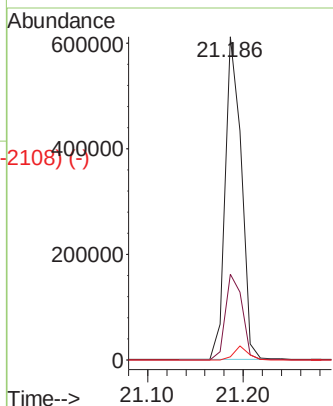
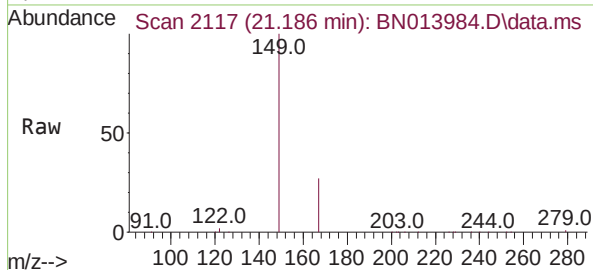
Abundance Scan 2123 (21.250 min): BN013740.D\data.ms (-2123) (-)



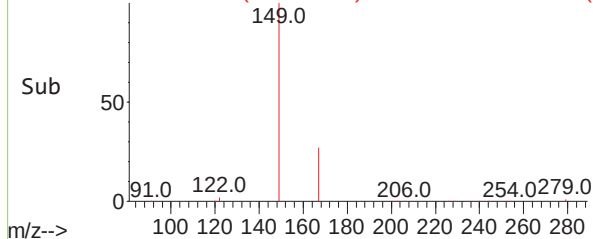
Bis(2-ethylhexyl)phthalate
Concen: 16.08 ng
RT: 21.186 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Instrument :
BNA_N
ClientSampleId :
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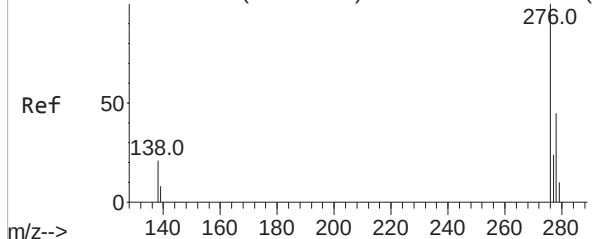
Tgt Ion:	149	Resp:	730650
Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	3.8	3.5	5.3



Abundance Scan 2117 (21.186 min): BN013984.D\data.ms (-2108) (-)

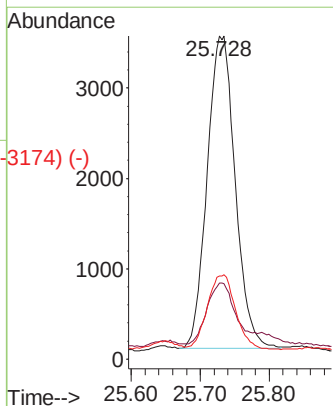
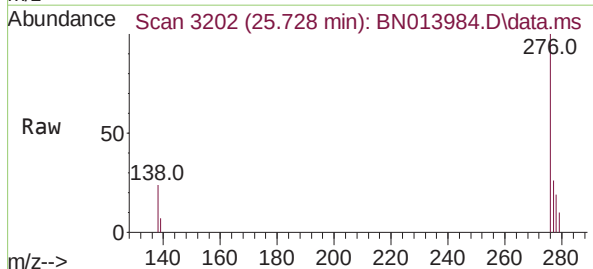


Abundance Scan 3232 (25.831 min): BN013740.D\data.ms (-3232) (-)

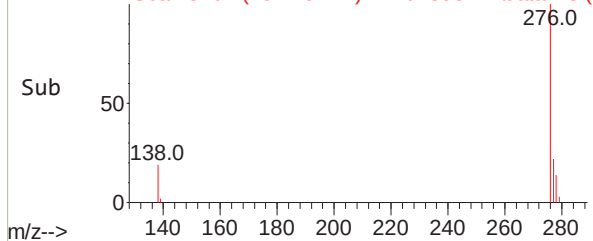


Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 25.728 min Scan# 3202
Delta R.T. -0.004 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:	276	Resp:	9764
Ion	Ratio	Lower	Upper
276	100		
138	20.0	19.8	29.6
277	23.9	19.9	29.9



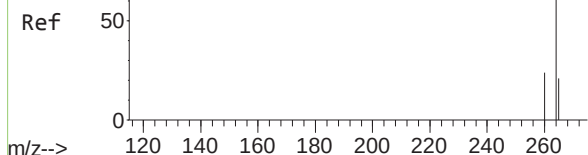
Abundance Scan 3202 (25.728 min): BN013984.D\data.ms (-3174) (-)



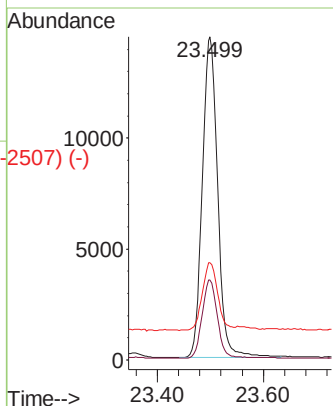
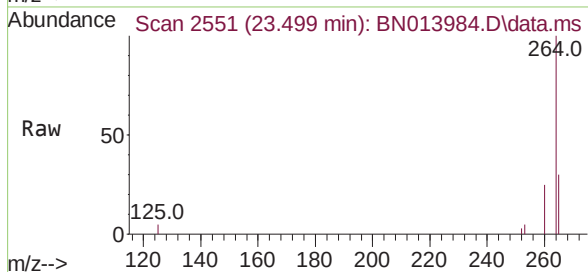
Abundance Scan 2568 (23.558 min): BN013740.D\data.ms (-2532) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.499 min Scan# 2551
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

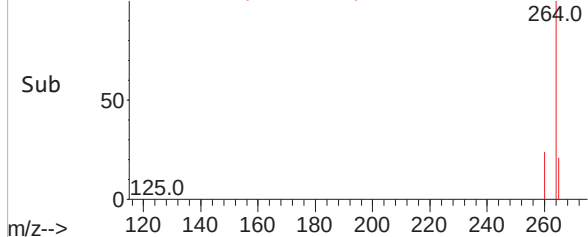
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	264	Resp:	29107
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	30.0	66.2	99.4#



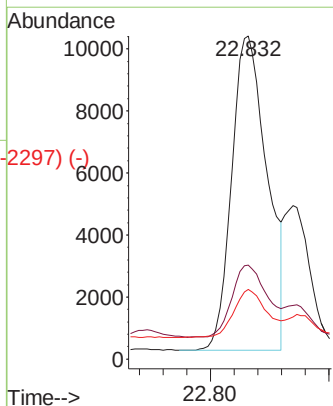
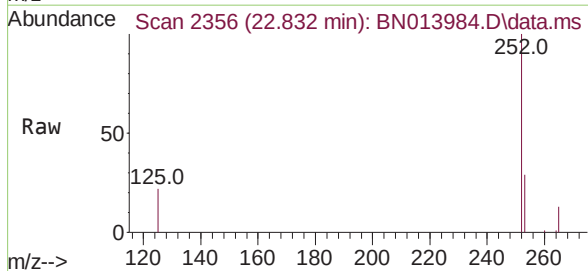
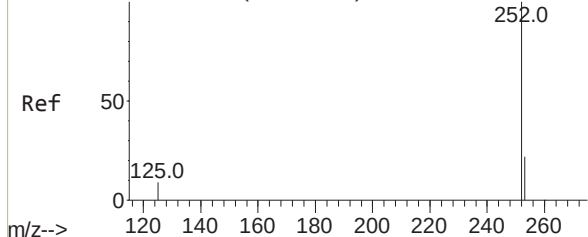
Abundance Scan 2551 (23.499 min): BN013984.D\data.ms (-2507) (-)



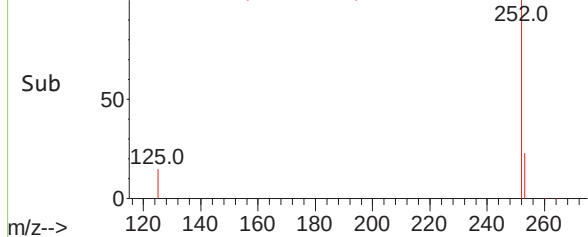
Abundance Scan 2371 (22.883 min): BN013740.D\data.ms (-2339) (-)

Benzo(b)fluoranthene
Concen: 0.23 ng
RT: 22.832 min Scan# 2356
Delta R.T. 0.003 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

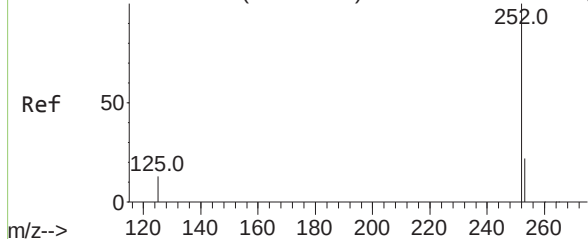
Tgt Ion:	252	Resp:	21108
Ion	Ratio	Lower	Upper
252	100		
253	29.1	20.4	30.6
125	21.5	11.6	17.4#



Abundance Scan 2356 (22.832 min): BN013984.D\data.ms (-2297) (-)



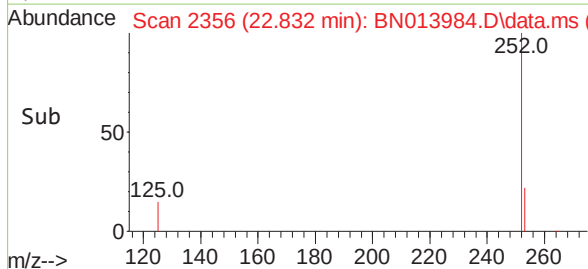
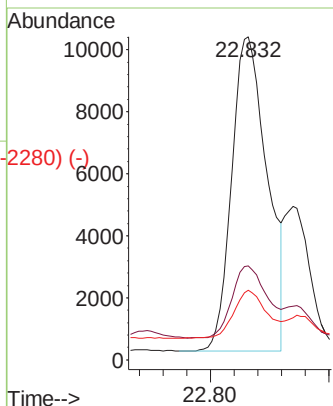
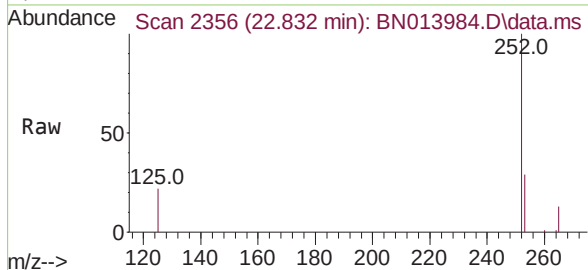
Abundance Scan 2384 (22.928 min): BN013740.D\data.ms (-2280) (-)



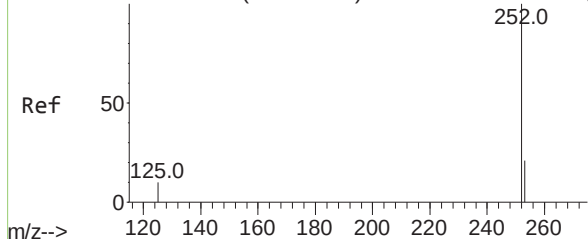
Benzo(k)fluoranthene
Concen: 0.23 ng
RT: 22.832 min Scan# 2356
Delta R.T. -0.041 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721

Tgt Ion:252 Resp: 21108
Ion Ratio Lower Upper
252 100
253 29.1 20.5 30.7
125 21.5 12.3 18.5#

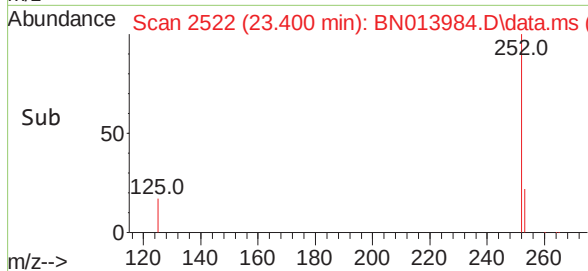
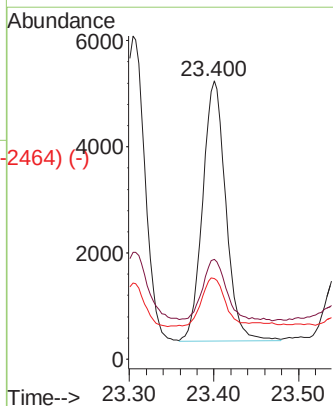
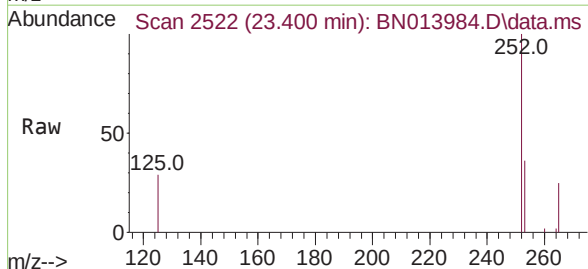


Abundance Scan 2539 (23.458 min): BN013740.D\data.ms (-2240) (-)

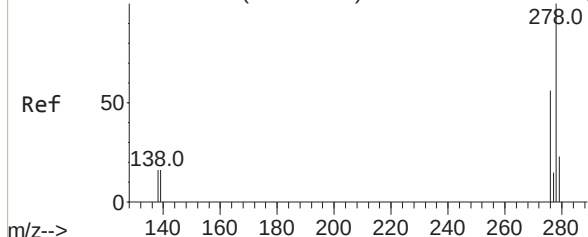


Benzo(a)pyrene
Concen: 0.11 ng
RT: 23.400 min Scan# 2522
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:252 Resp: 9300
Ion Ratio Lower Upper
252 100
253 35.8 21.8 32.6#
125 28.8 14.6 21.8#



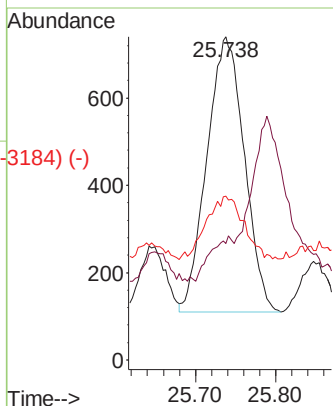
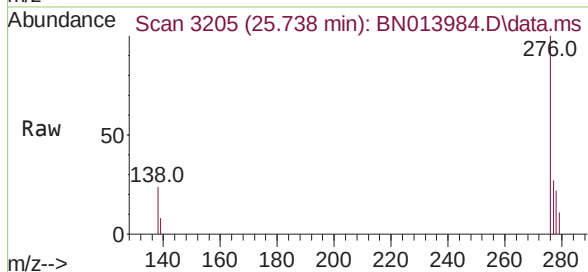
Abundance Scan 3239 (25.854 min): BN013740.D\data.ms (-3140) (-)



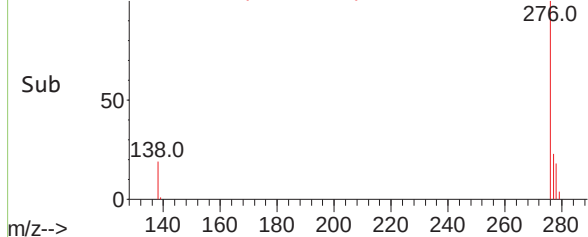
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.738 min Scan# 3205
Delta R.T. -0.007 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721

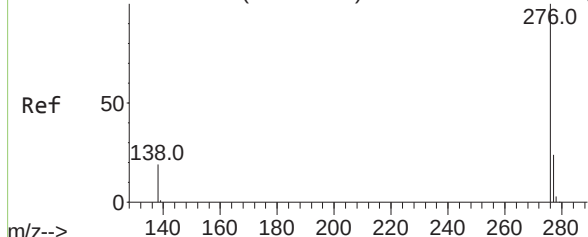
Tgt Ion:	278	Resp:	2042
Ion	Ratio	Lower	Upper
278	100		
139	35.9	13.1	19.7#
279	50.7	21.4	32.0#



Abundance Scan 3205 (25.738 min): BN013984.D\data.ms (-3184) (-)

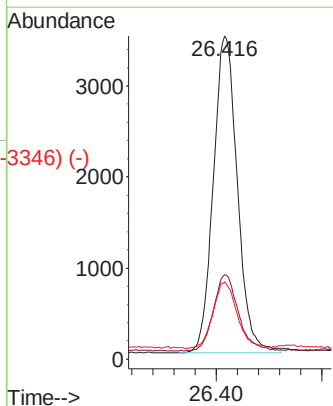
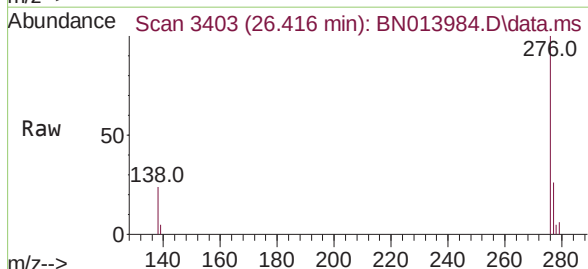


Abundance Scan 3434 (26.522 min): BN013740.D\data.ms (-3441) (-)



Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 26.416 min Scan# 3403
Delta R.T. -0.003 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:	276	Resp:	10993
Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.0	30.0
138	24.0	17.8	26.8



Abundance Scan 3403 (26.416 min): BN013984.D\data.ms (-3346) (-)

