

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013770.D
 Acq On : 25 Feb 2021 16:12
 Operator : CG/JU
 Sample : M1484-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW804-10-15-022421

Quant Time: Feb 25 16:43:52 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 Feb 25 11:31:11 2021
 Response via : Initial Calibration

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

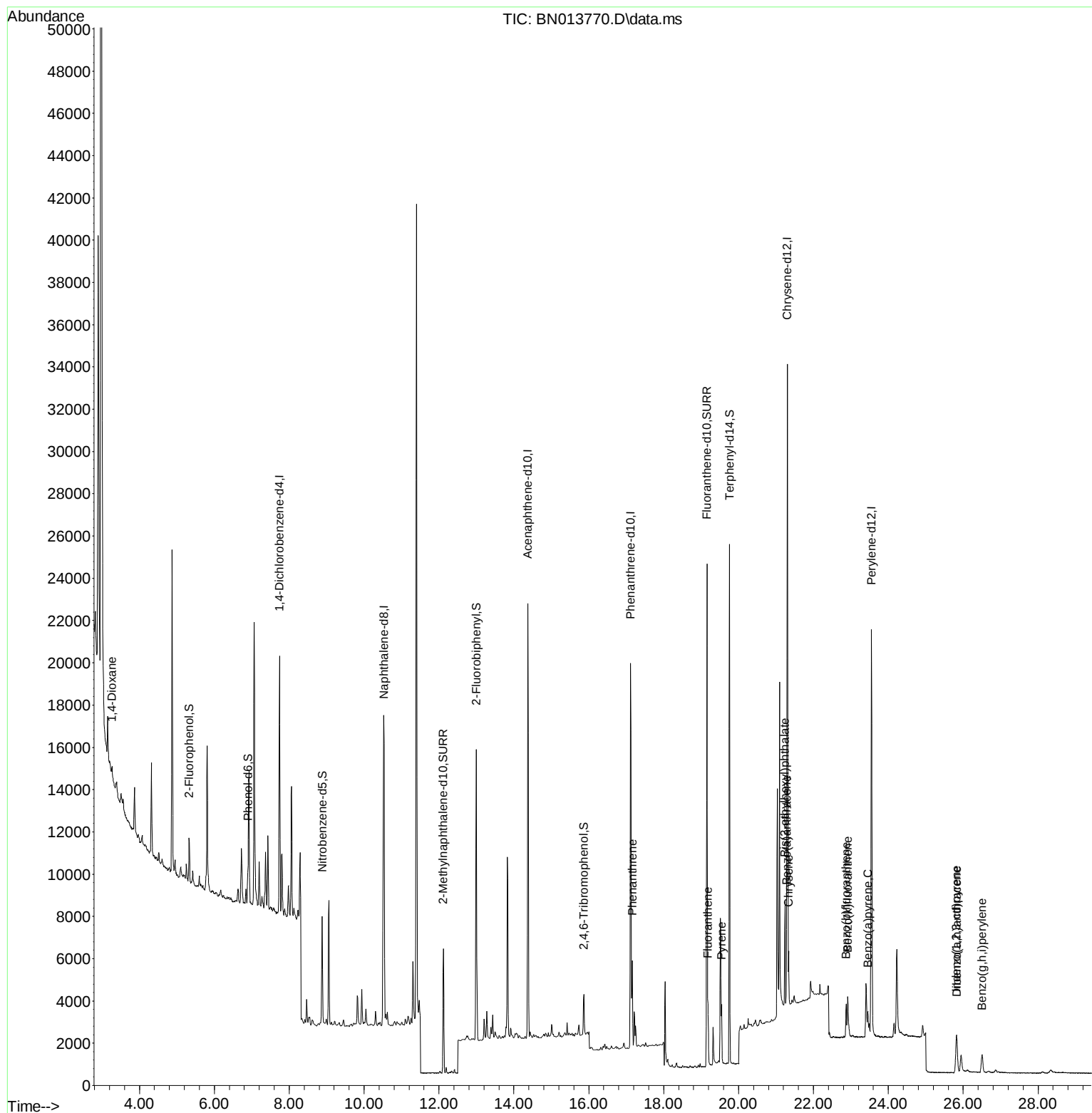
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5298	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	20929	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	12011	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	25779	0.40	ng	-0.01
29) Chrysene-d12	21.303	240	26147	0.40	ng	# 0.00
36) Perylene-d12	23.547	264	24870	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	1568	0.11	ng	0.00
5) Phenol-d6	6.903	99	1207	0.06	ng	0.00
8) Nitrobenzene-d5	8.883	82	3766	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	7777	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	1578	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	11585	0.27	ng	0.00
27) Fluoranthene-d10	19.154	212	25797	0.34	ng	0.00
31) Terphenyl-d14	19.759	244	24066	0.42	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.271	88	370	0.06	ng	# 40
25) Phenanthrene	17.165	178	4227	0.06	ng	97
28) Fluoranthene	19.183	202	2429	0.03	ng	# 92
30) Pyrene	19.546	202	2373	0.03	ng	# 95
32) Benzo(a)anthracene	21.282	228	1955	0.02	ng	# 89
33) Chrysene	21.335	228	1905	0.02	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.239	149	4769	0.12	ng	99
35) Indeno(1,2,3-cd)pyrene	25.813	276	2086	0.02	ng	# 93
37) Benzo(b)fluoranthene	22.873	252	2026	0.03	ng	# 60
38) Benzo(k)fluoranthene	22.918	252	1916	0.02	ng	# 33
39) Benzo(a)pyrene	23.452	252	1737	0.02	ng	# 54
40) Dibenzo(a,h)anthracene	25.834	278	1720	0.02	ng	# 57
41) Benzo(g,h,i)perylene	26.501	276	1740	0.02	ng	# 74

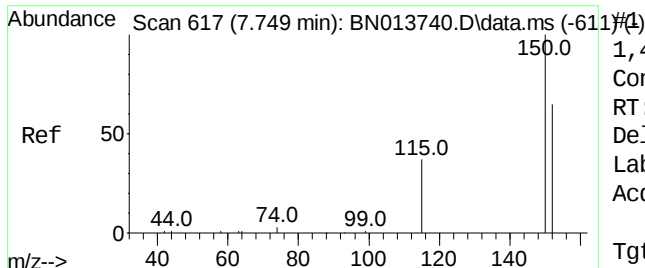
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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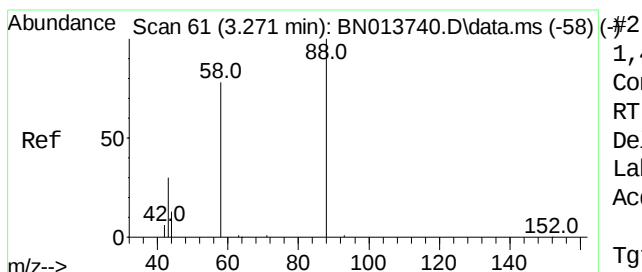
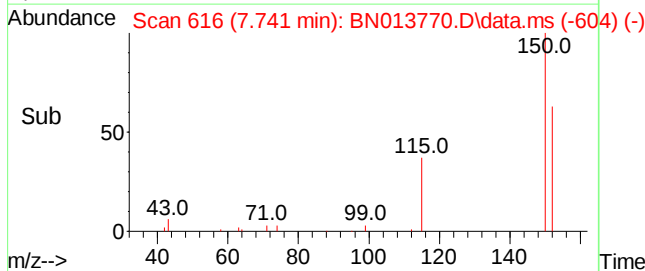
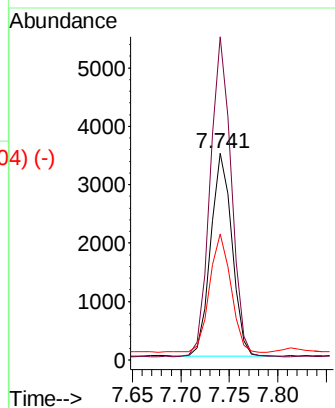
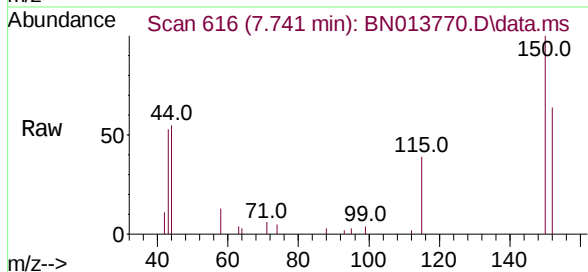




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.741 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: BN013770.D
 Acq: 25 Feb 2021 16:12

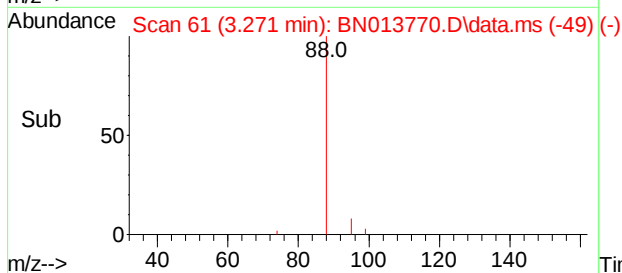
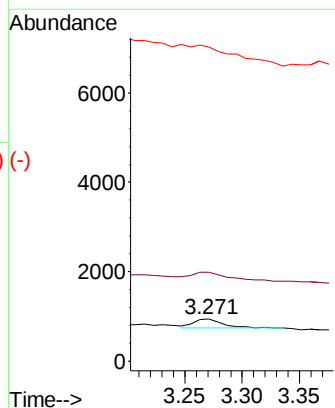
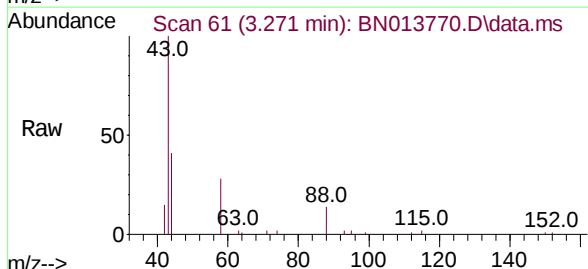
Instrument :
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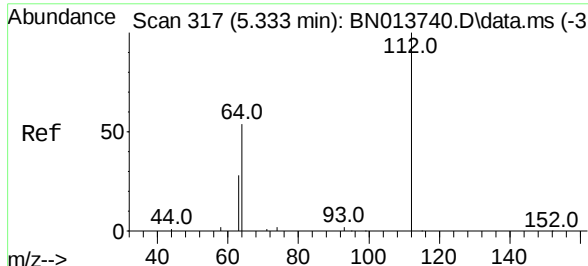
Tgt Ion:	152	Resp:	5298
Ion	Ratio	Lower	Upper
152	100		
150	156.2	121.8	182.8
115	60.8	46.6	69.8



1,4-Dioxane
 Concen: 0.06 ng
 RT: 3.271 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN013770.D
 Acq: 25 Feb 2021 16:12

Tgt Ion:	88	Resp:	370
Ion	Ratio	Lower	Upper
88	100		
58	134.1	64.6	96.8#
43	0.0	26.6	40.0#

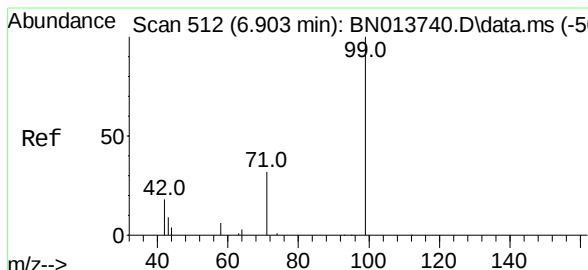
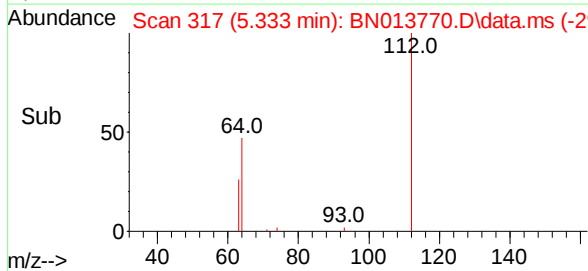
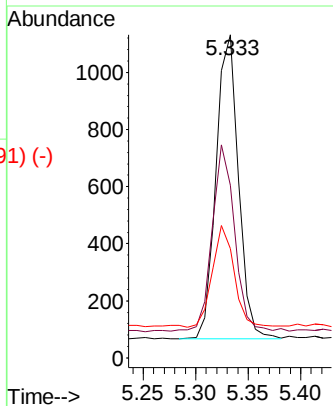
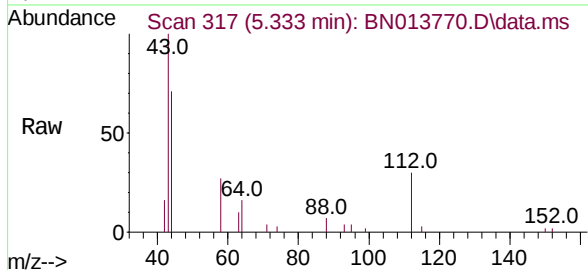




2-Fluorophenol
 Concen: 0.11 ng
 RT: 5.333 min Scan# 317
 Delta R.T. 0.008 min
 Lab File: BN013770.D
 Acq: 25 Feb 2021 16:12

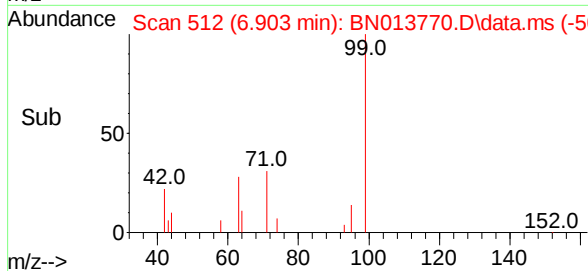
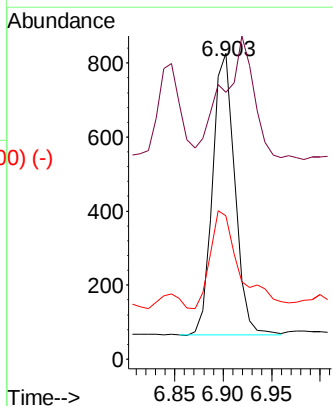
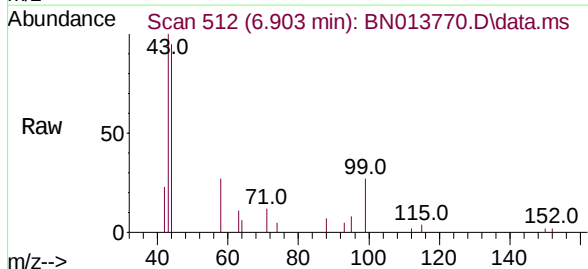
Instrument :
 BNA_N
 ClientSampleId :
 GW804-10-15-022421

Tgt Ion:	112	Resp:	1568
Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.3	66.5
63	32.8	23.0	34.6

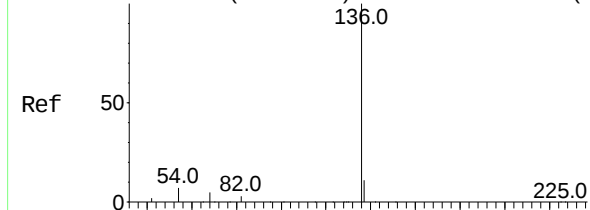


Phenol-d6
 Concen: 0.06 ng
 RT: 6.903 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BN013770.D
 Acq: 25 Feb 2021 16:12

Tgt Ion:	99	Resp:	1207
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	46.8	26.1	39.1#



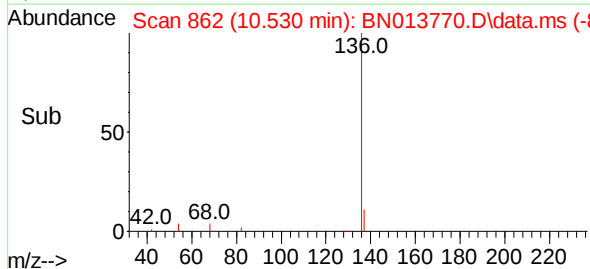
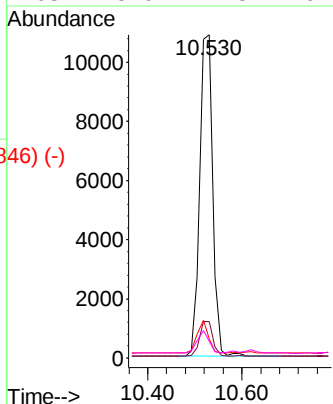
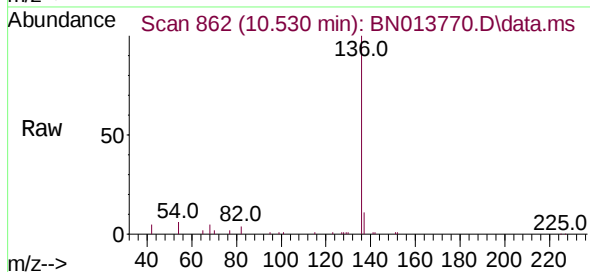
Abundance Scan 862 (10.530 min): BN013740.D\data.ms (-8547-)



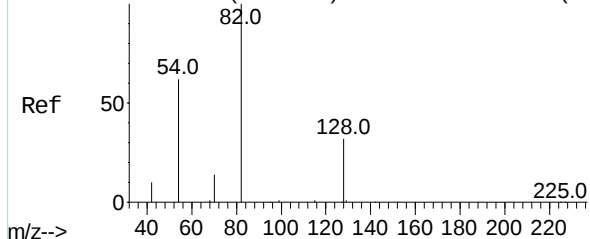
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

Tgt Ion:	136	Resp:	20929
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.0	6.4	9.6#
68	5.0	4.5	6.7

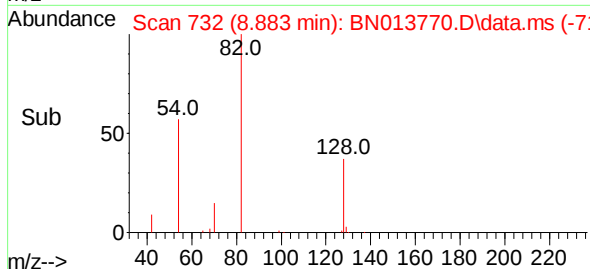
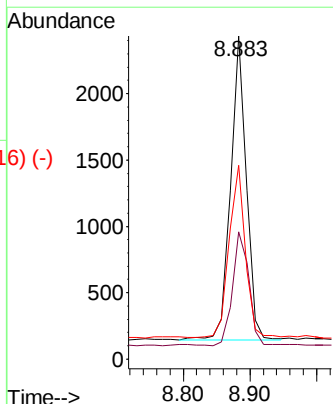
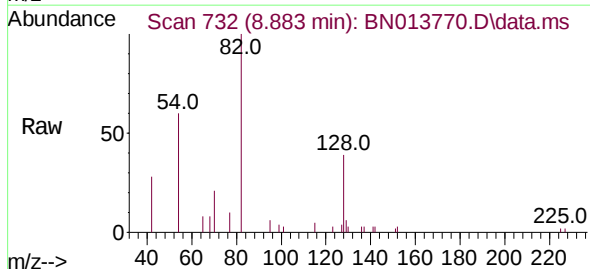


Abundance Scan 732 (8.883 min): BN013740.D\data.ms (-72978)



Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

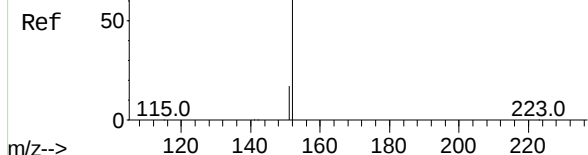
Tgt Ion:	82	Resp:	3766
Ion	Ratio	Lower	Upper
82	100		
128	39.3	39.2	58.8
54	59.9	40.1	60.1



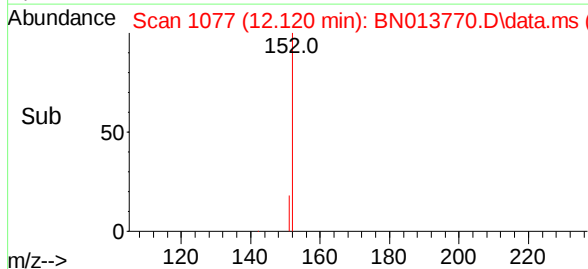
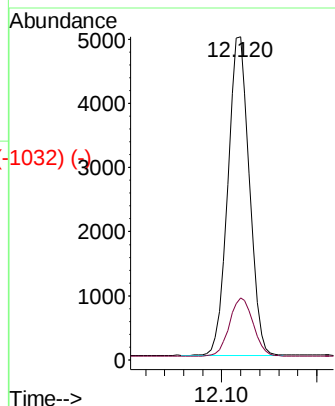
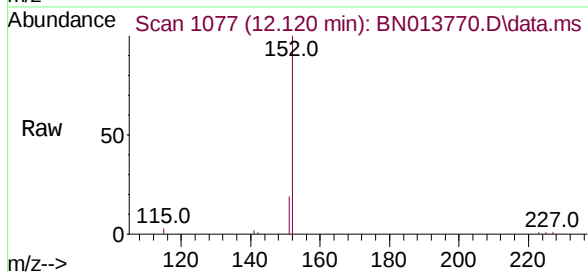
Abundance Scan 1078 (12.124 min): BN013740.D\data.ms (-1031) (-)

2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Instrument :
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GW804-10-15-022421

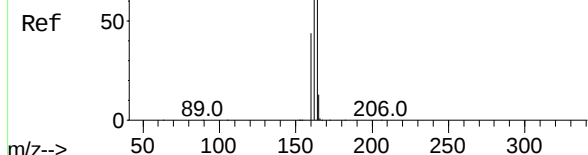


Tgt Ion:152 Resp: 7777
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

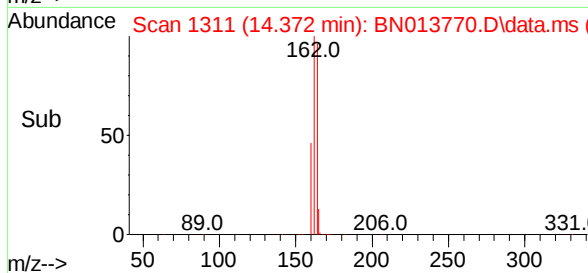
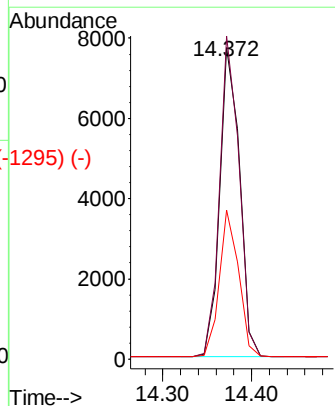
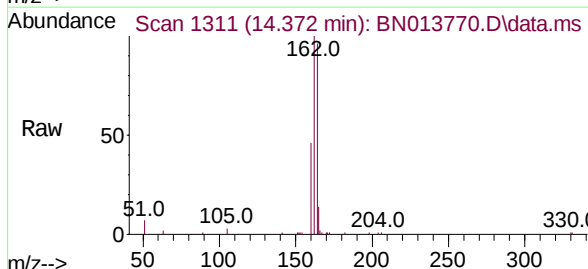


Abundance Scan 1312 (14.384 min): BN013740.D\data.ms (-1295) (-)

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12



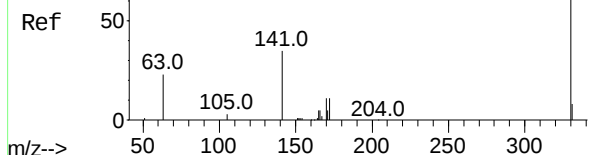
Tgt Ion:164 Resp: 12011
Ion Ratio Lower Upper
164 100
162 103.8 79.6 119.4
160 47.9 36.0 54.0



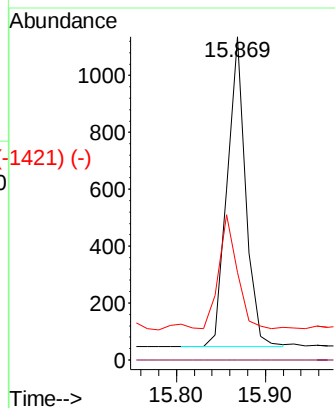
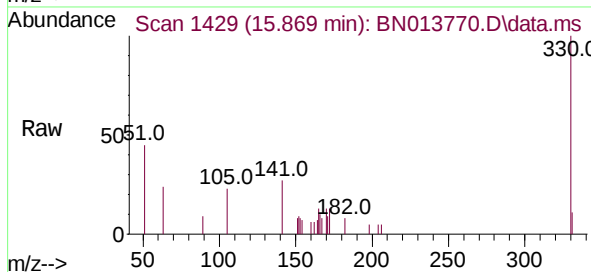
Abundance Scan 1429 (15.869 min): BN013740.D\data.ms (-1421) (-)

2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

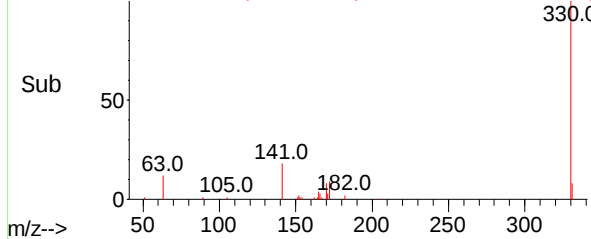
Instrument :
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ClientSampleId :
GW804-10-15-022421



Tgt Ion:	330	Resp:	1578
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	36.2	26.8	40.2

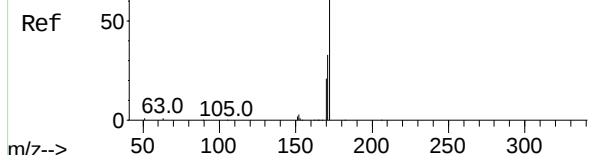


Abundance Scan 1429 (15.869 min): BN013770.D\data.ms (-1421) (-)

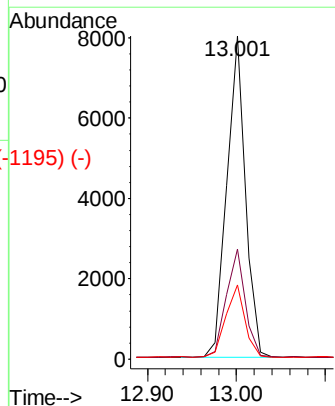
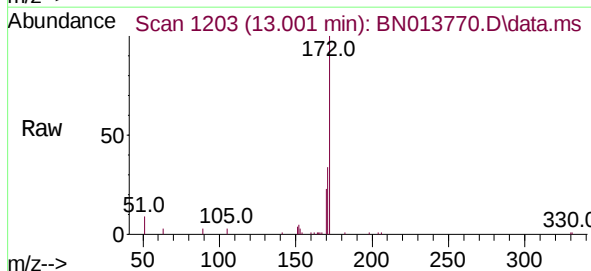


Abundance Scan 1204 (13.014 min): BN013740.D\data.ms (-1205) (-)

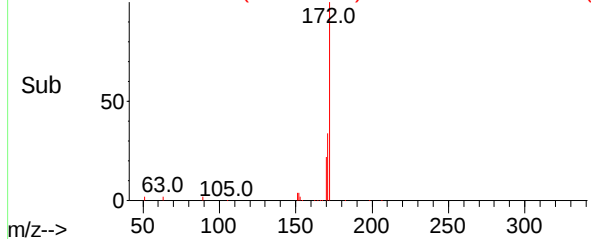
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12



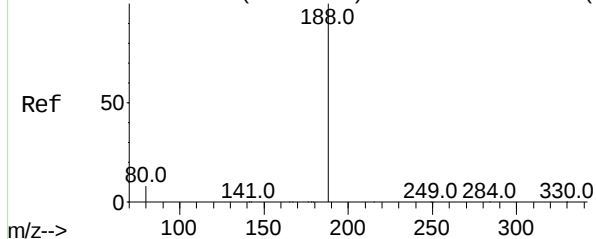
Tgt Ion:	172	Resp:	11585
Ion Ratio	Lower	Upper	
172	100		
171	34.1	28.6	42.8
170	22.9	18.9	28.3



Abundance Scan 1203 (13.001 min): BN013770.D\data.ms (-1195) (-)



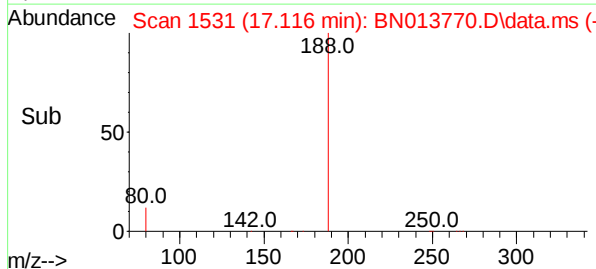
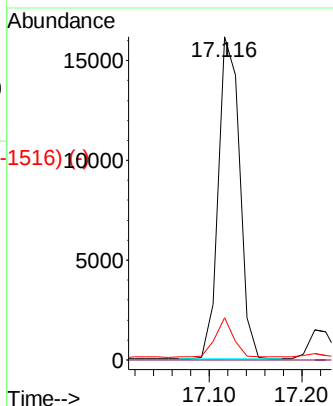
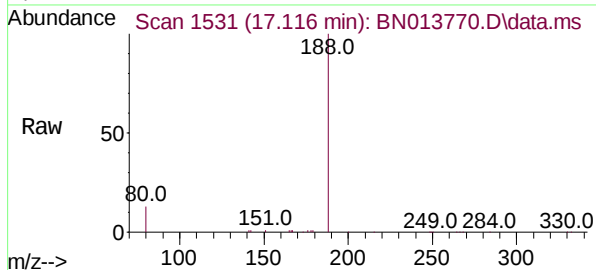
Abundance Scan 1532 (17.128 min): BN013740.D\data.ms (-1516) (-)



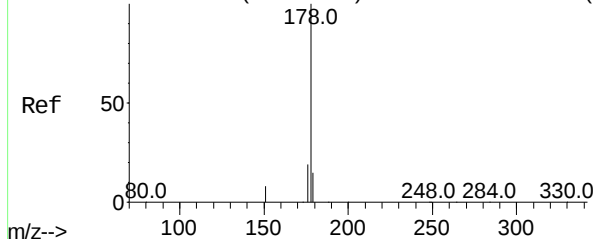
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013770.D
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Tgt Ion:	188	Resp:	25779
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.1	9.0	13.6

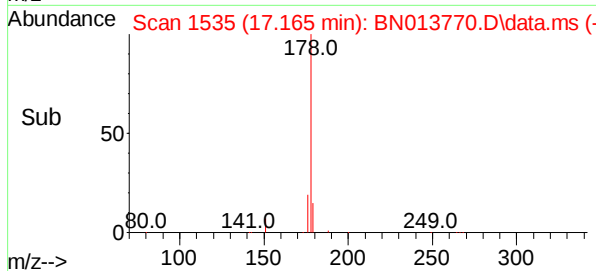
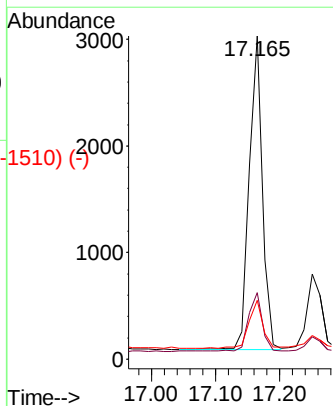
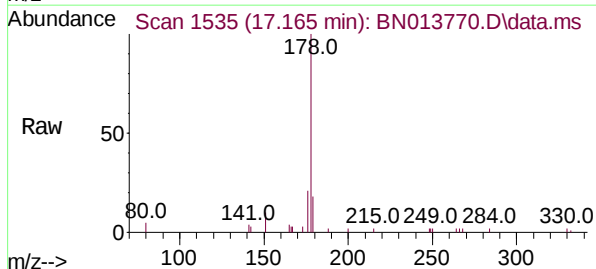


Abundance Scan 1535 (17.165 min): BN013740.D\data.ms (-1525) (-)

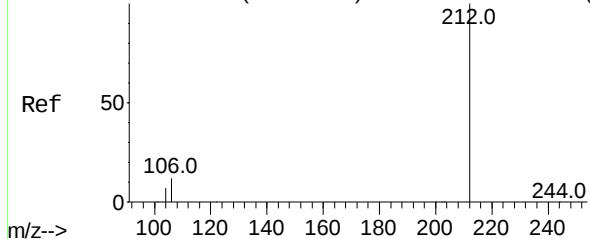


Phenanthrene
Concen: 0.06 ng
RT: 17.165 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:	178	Resp:	4227
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.0	22.4
179	16.1	12.3	18.5



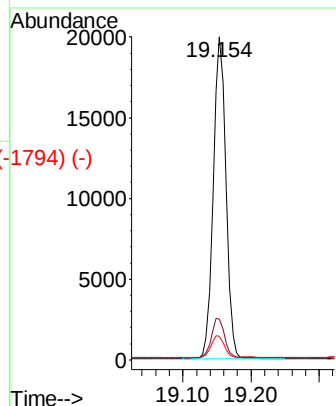
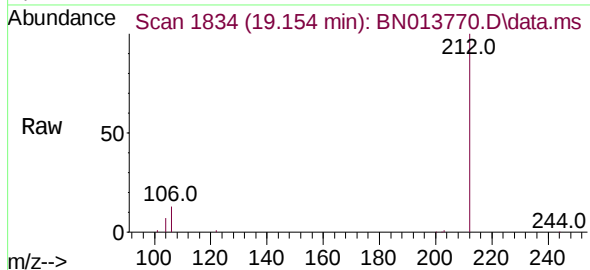
Abundance Scan 1835 (19.159 min): BN013740.D\data.ms (-1825) (-)



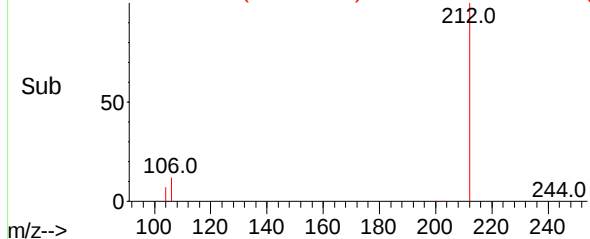
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BN013770.D
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ClientSampleId :
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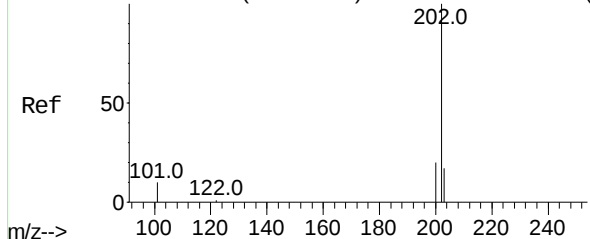
Tgt Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.7	14.5
104	7.1	5.5	8.3



Abundance Scan 1834 (19.154 min): BN013770.D\data.ms (-1794) (-)

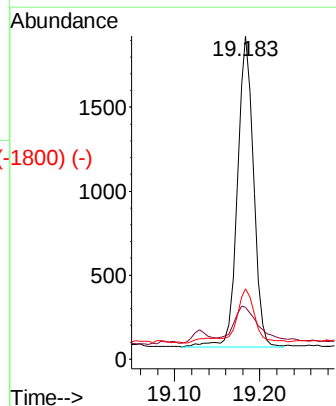
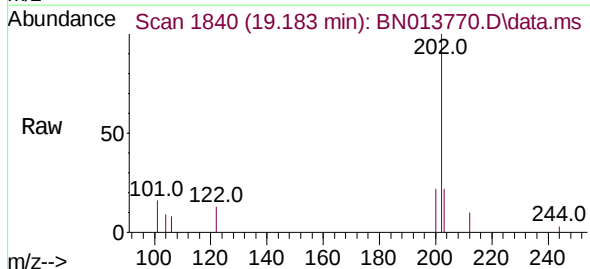


Abundance Scan 1841 (19.188 min): BN013740.D\data.ms (-1823) (-)

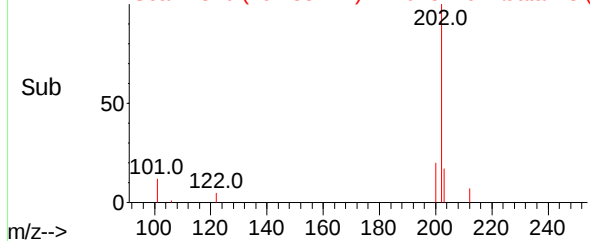


Fluoranthene
Concen: 0.03 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.002 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

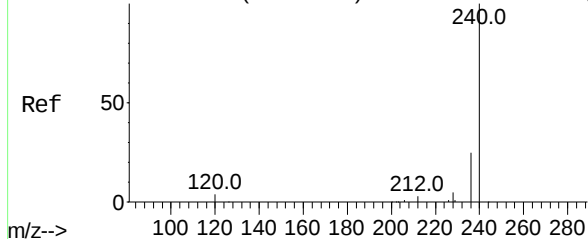
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.9	8.1	12.1#
203	17.7	13.9	20.9



Abundance Scan 1840 (19.183 min): BN013770.D\data.ms (-1800) (-)



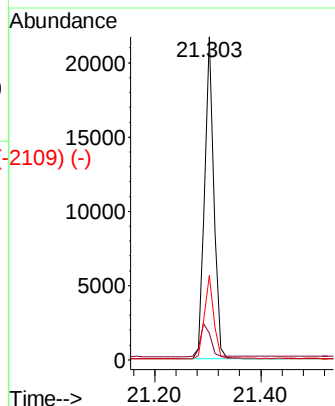
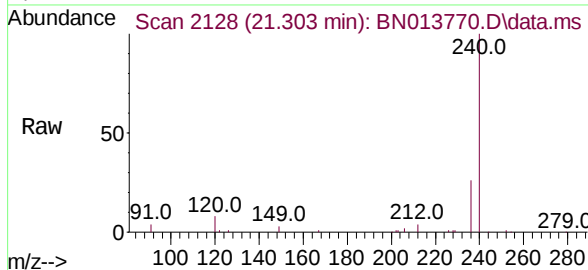
Abundance Scan 2129 (21.314 min): BN013740.D\data.ms (-2129) (-)



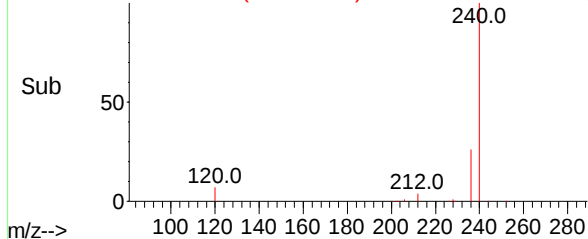
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

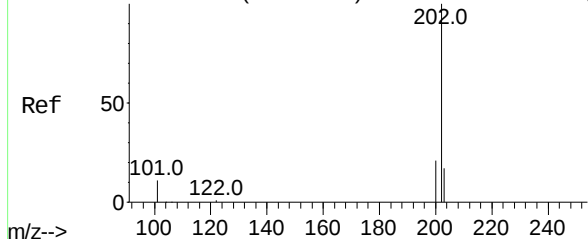
Tgt Ion:	240	Resp:	26147
Ion	Ratio	Lower	Upper
240	100		
120	8.3	10.2	15.4#
236	26.1	21.3	31.9



Abundance Scan 2128 (21.303 min): BN013770.D\data.ms (-2109) (-)

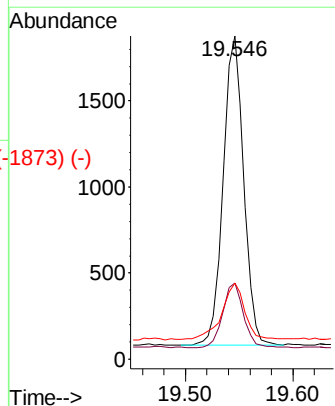
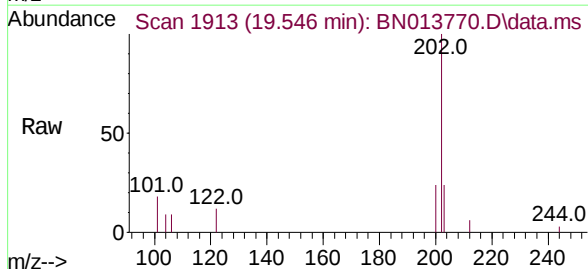


Abundance Scan 1914 (19.551 min): BN013740.D\data.ms (-1914) (-)

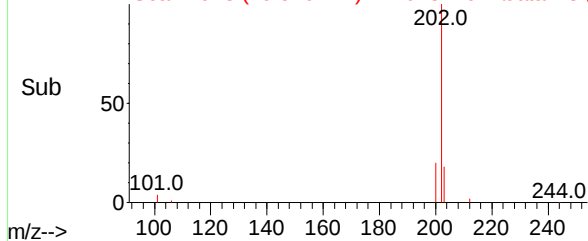


Pyrene
Concen: 0.03 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.002 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:	202	Resp:	2373
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.3	24.5
203	21.3	14.0	21.0#



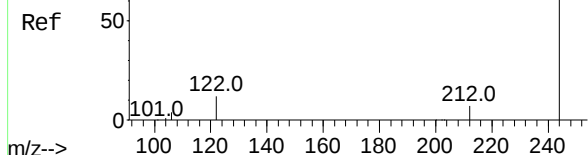
Abundance Scan 1913 (19.546 min): BN013770.D\data.ms (-1873) (-)



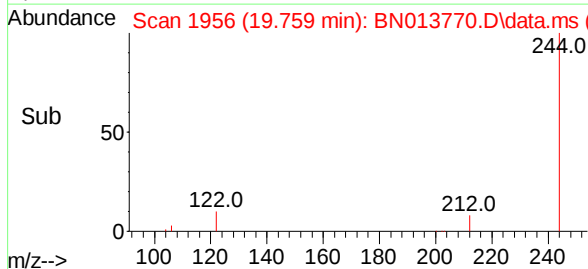
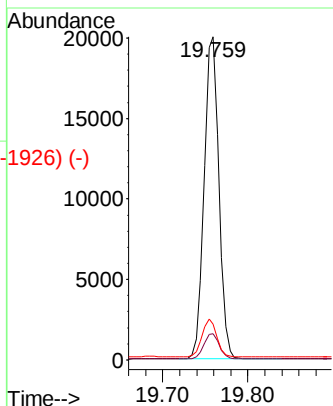
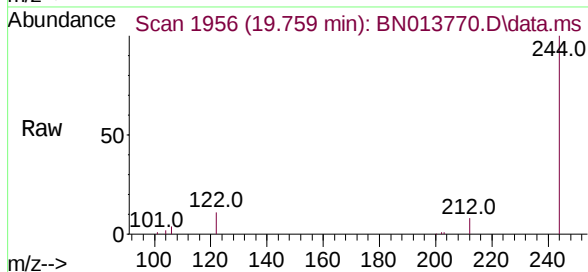
Abundance Scan 1957 (19.764 min): BN013740.D\data.ms (-1981) (-)

Terphenyl-d14
Concen: 0.42 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Instrument :
BNA_N
ClientSampleId :
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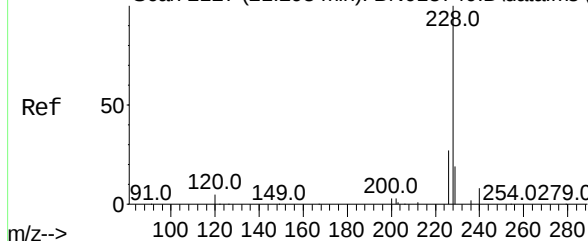


Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	11.1	9.8	14.8

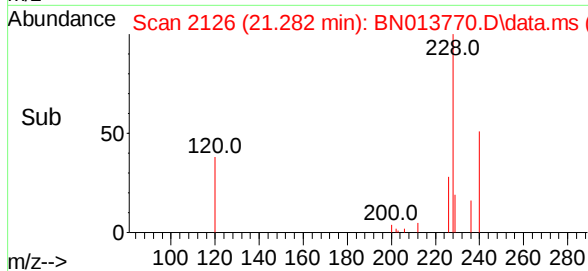
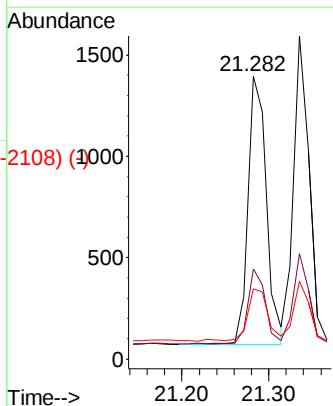
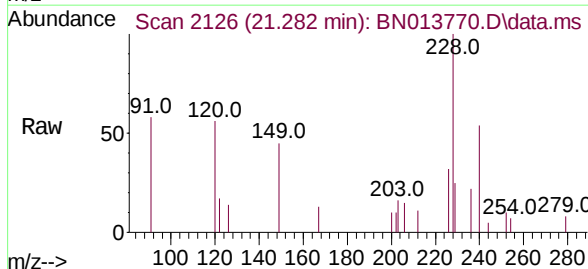


Abundance Scan 2127 (21.293 min): BN013740.D\data.ms (-2120) (-)

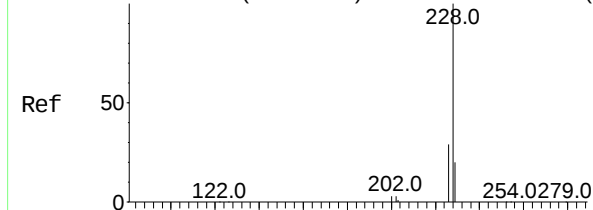
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12



Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	20.5	30.7#
229	24.9	16.2	24.4#



Abundance Scan 2132 (21.346 min): BN013740.D\data.ms (-2122) (-)



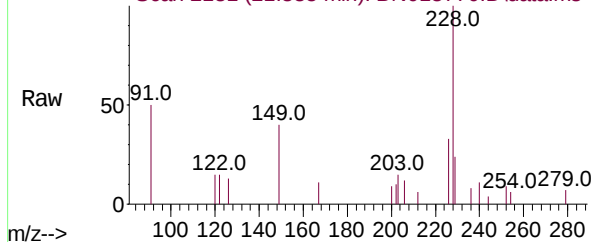
Chrysene
Concen: 0.02 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

m/z-->

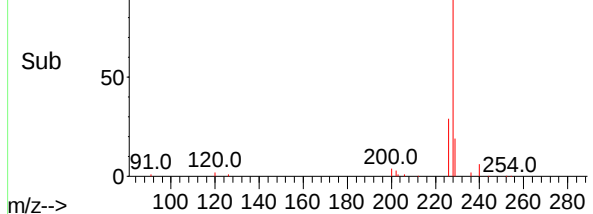
Tgt Ion:	228	Resp:	1905
Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.3	36.5
229	24.2	15.1	22.7#

Abundance Scan 2131 (21.335 min): BN013770.D\data.ms

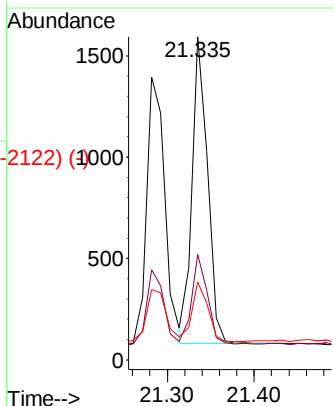


m/z-->

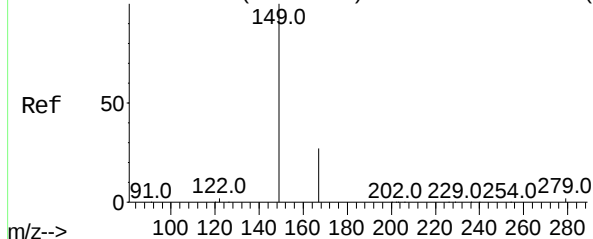
Abundance Scan 2131 (21.335 min): BN013770.D\data.ms (-2122) (-)



m/z-->



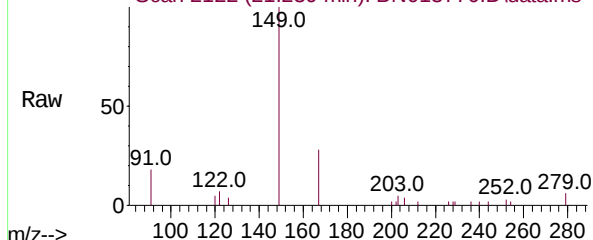
Abundance Scan 2123 (21.250 min): BN013740.D\data.ms (-2122) (-)



Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

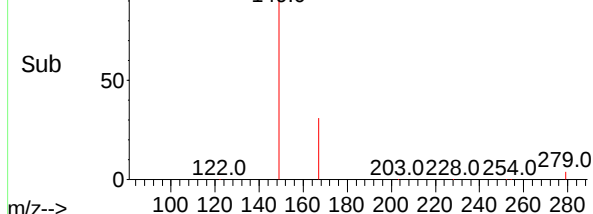
Tgt Ion:	149	Resp:	4769
Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.4	3.5	5.3

Abundance Scan 2122 (21.239 min): BN013770.D\data.ms

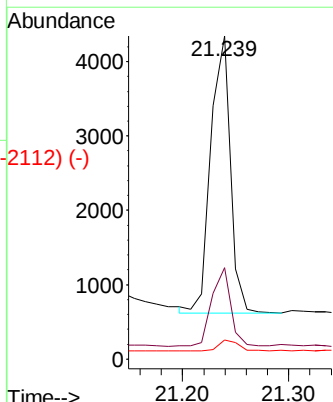


m/z-->

Abundance Scan 2122 (21.239 min): BN013770.D\data.ms (-2112) (-)



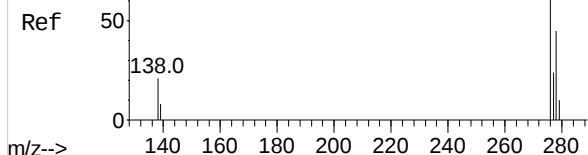
m/z-->



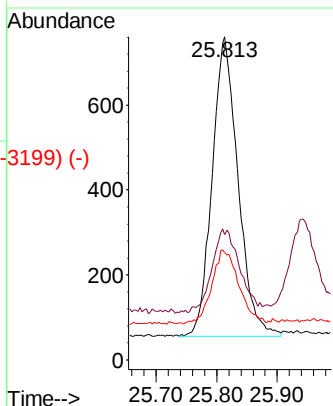
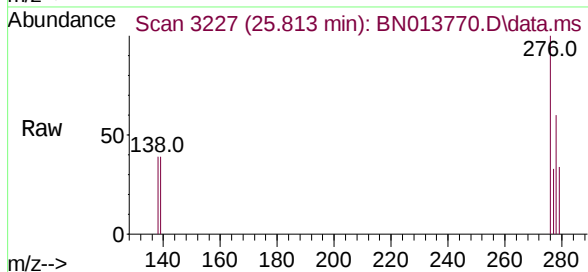
Abundance Scan 3232 (25.831 min): BN013740.D\data.ms (-3205) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.813 min Scan# 3227
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

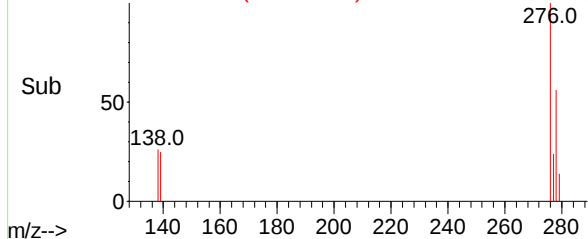
Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421



Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	19.8	29.6#
277	26.3	19.9	29.9

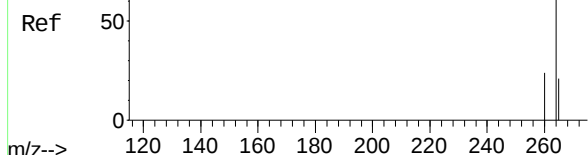


Abundance Scan 3227 (25.813 min): BN013770.D\data.ms (-3199) (-)

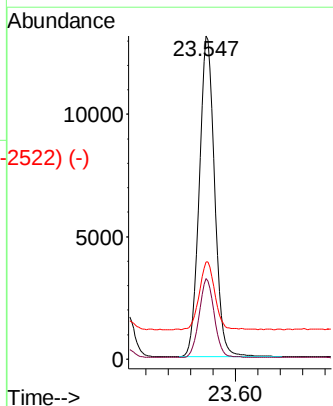
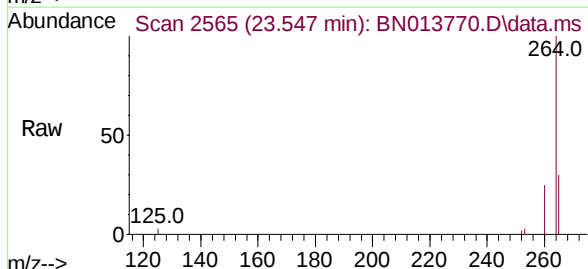


Abundance Scan 2568 (23.558 min): BN013740.D\data.ms (-2530) (-)

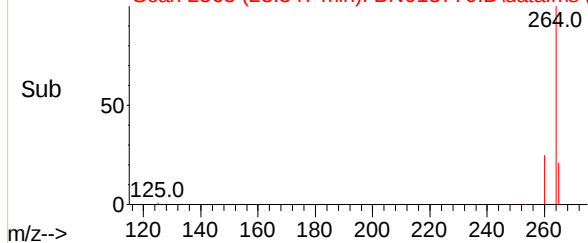
Perylene-d12
Concen: 0.40 ng
RT: 23.547 min Scan# 2565
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12



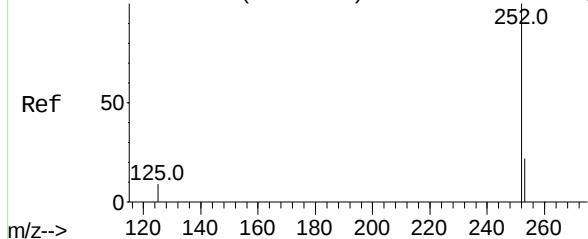
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	30.2	66.2	99.4#



Abundance Scan 2565 (23.547 min): BN013770.D\data.ms (-2522) (-)



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

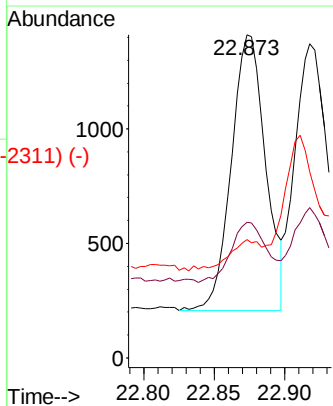
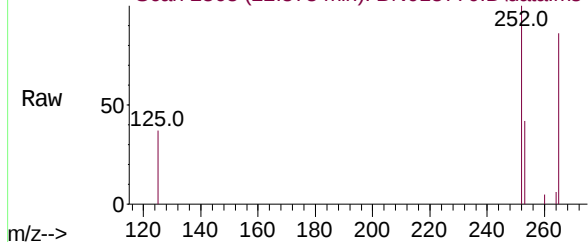


Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.873 min Scan# 2368
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

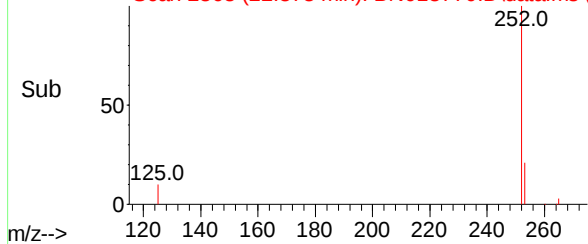
Tgt Ion:	252	Resp:	2026
Ion	Ratio	Lower	Upper
252	100		
253	41.9	20.4	30.6#
125	36.6	11.6	17.4#

Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

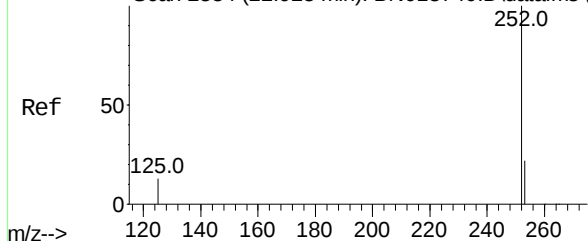
Abundance Scan 2368 (22.873 min): BN013770.D\data.ms



Abundance Scan 2368 (22.873 min): BN013770.D\data.ms (-2311) (-)



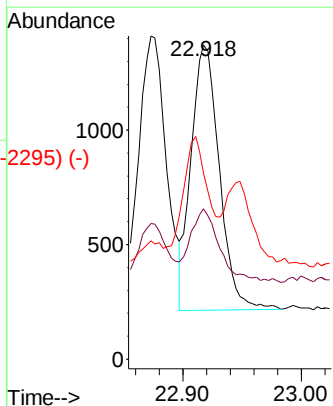
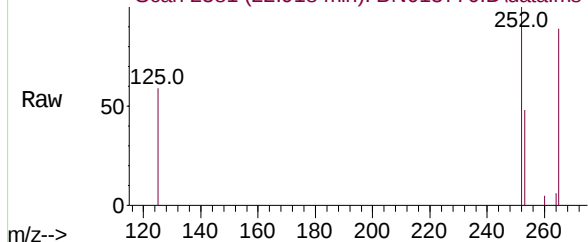
Abundance Scan 2384 (22.928 min): BN013740.D\data.ms (-2384) (-)



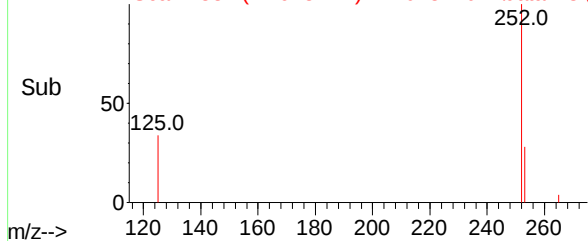
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.918 min Scan# 2381
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:	252	Resp:	1916
Ion	Ratio	Lower	Upper
252	100		
253	47.8	20.5	30.7#
125	59.1	12.3	18.5#

Abundance Scan 2381 (22.918 min): BN013770.D\data.ms



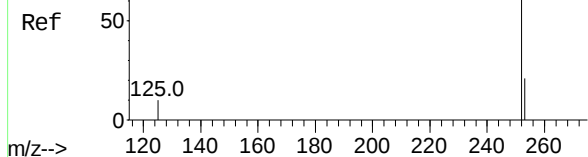
Abundance Scan 2381 (22.918 min): BN013770.D\data.ms (-2295) (-)



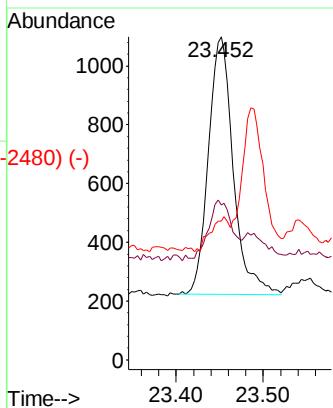
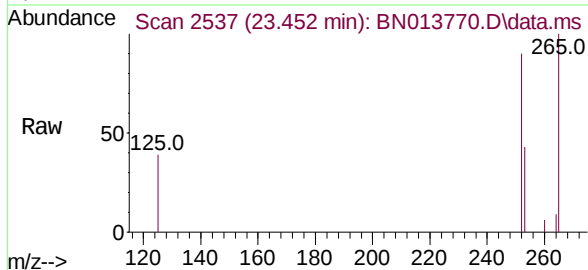
Abundance Scan 2539 (23.458 min): BN013740.D\data.ms (-2529) (-)

Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.452 min Scan# 2537
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

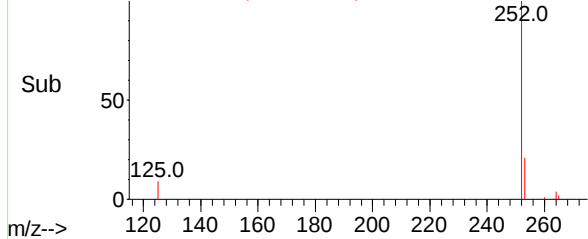
Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421



Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.9	21.8	32.6#
125	42.9	14.6	21.8#

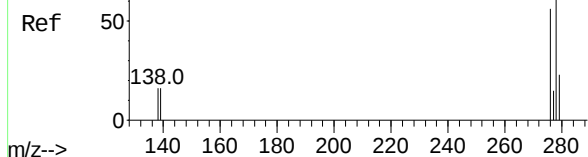


Abundance Scan 2537 (23.452 min): BN013770.D\data.ms (-2480) (-)

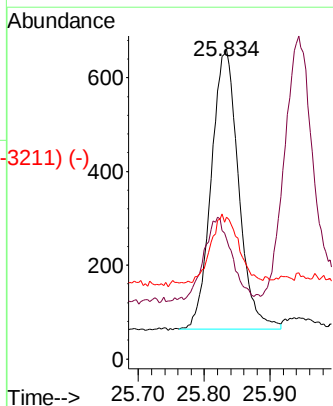
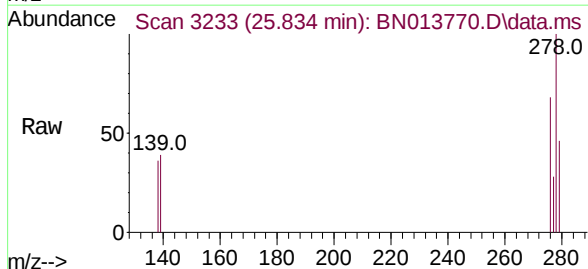


Abundance Scan 3239 (25.854 min): BN013740.D\data.ms (-3219) (-)

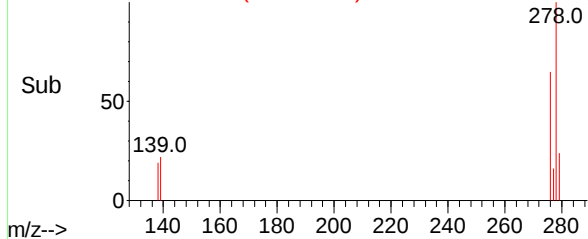
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.834 min Scan# 3233
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12



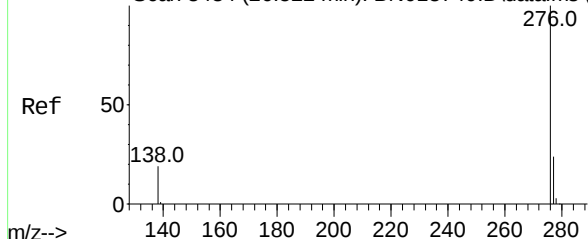
Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.8	13.1	19.7#
279	45.9	21.4	32.0#



Abundance Scan 3233 (25.834 min): BN013770.D\data.ms (-3211) (-)

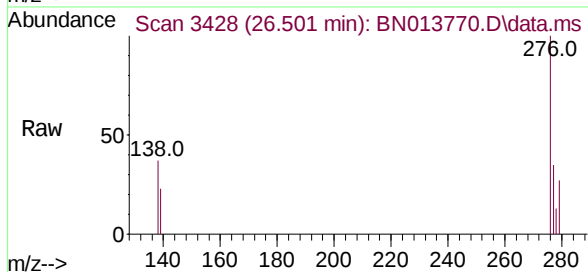


Abundance Scan 3434 (26.522 min): BN013740.D\data.ms (-3434) (-)



Benzo(g,h,i)perylene
 Concen: 0.02 ng
 RT: 26.501 min Scan# 3428
 Delta R.T. -0.008 min
 Lab File: BN013770.D
 Acq: 25 Feb 2021 16:12

Instrument :
 BNA_N
 ClientSampleId :
 GW804-10-15-022421



Tgt Ion:	276	Resp:	1740
Ion Ratio	Lower	Upper	
276	100		
277	35.2	20.0	30.0#
138	37.3	17.8	26.8#

