

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031921\
 Data File : BN013986.D
 Acq On : 18 Mar 2021 17:31
 Operator : CG/JU
 Sample : M1714-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 18 18:00:56 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)

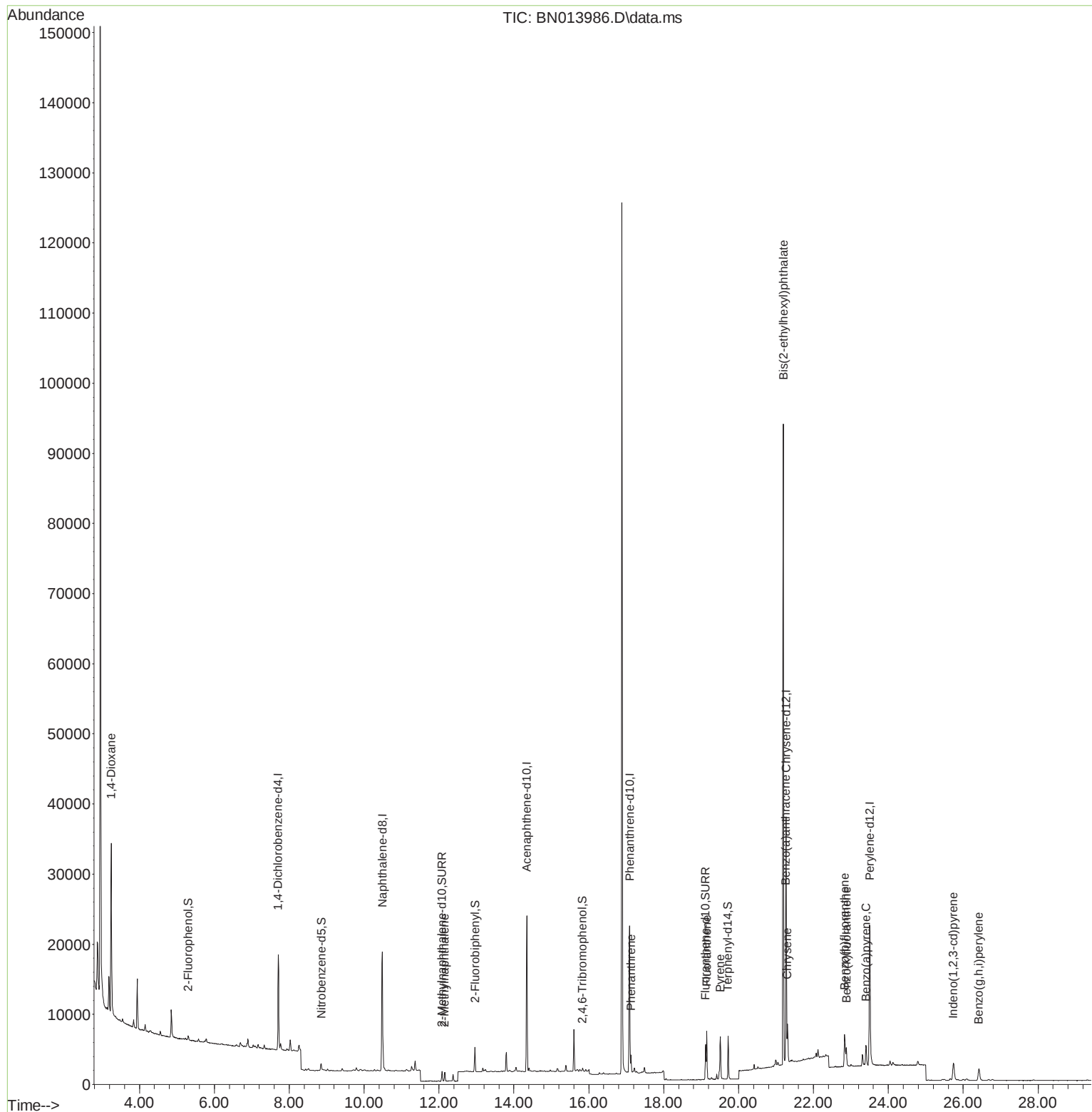
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	6350	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	24033	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	13476	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	30517	0.40	ng	# 0.00
29) Chrysene-d12	21.271	240	30903	0.40	ng	# 0.00
36) Perylene-d12	23.503	264	27457	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	459	0.03	ng	0.00
5) Phenol-d6	6.871	99	395	0.02	ng	0.00
8) Nitrobenzene-d5	8.857	82	847	0.05	ng	0.00
11) 2-Methylnaphthalene-d10	12.080	152	1950	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.831	330	309	0.06	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	2897	0.06	ng	0.00
27) Fluoranthene-d10	19.119	212	5713	0.06	ng	0.00
31) Terphenyl-d14	19.720	244	6105	0.09	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	15330	2.00	ng	97
12) 2-Methylnaphthalene	12.155	142	907	0.02	ng	# 94
25) Phenanthrene	17.128	178	2403	0.03	ng	98
28) Fluoranthene	19.149	202	5961	0.06	ng	98
30) Pyrene	19.511	202	5336	0.06	ng	97
32) Benzo(a)anthracene	21.261	228	3547	0.04	ng	94
33) Chrysene	21.303	228	5139	0.06	ng	97
34) Bis(2-ethylhexyl)phtha...	21.197	149	83785	1.85	ng	99
35) Indeno(1,2,3-cd)pyrene	25.735	276	3554	0.03	ng	96
37) Benzo(b)fluoranthene	22.832	252	6207	0.07	ng	# 74
38) Benzo(k)fluoranthene	22.877	252	3171	0.04	ng	# 65
39) Benzo(a)pyrene	23.407	252	3588	0.05	ng	# 50
41) Benzo(g,h,i)perylene	26.419	276	3627	0.04	ng	92

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

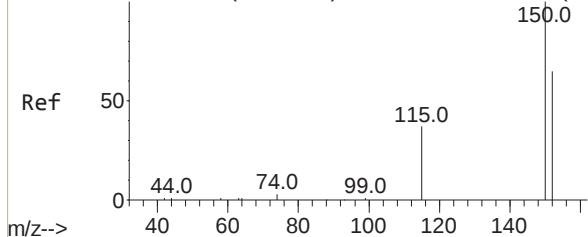
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031921\
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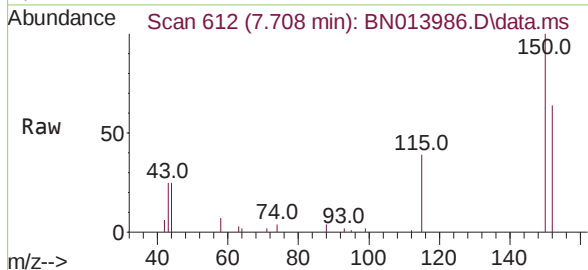


Abundance Scan 617 (7.749 min): BN013740.D\data.ms (-611) (#1)

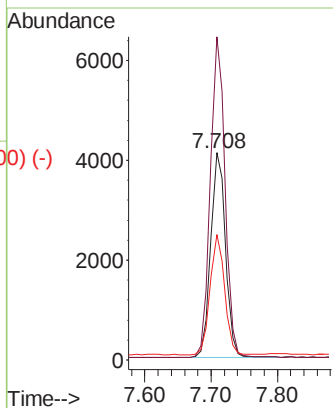
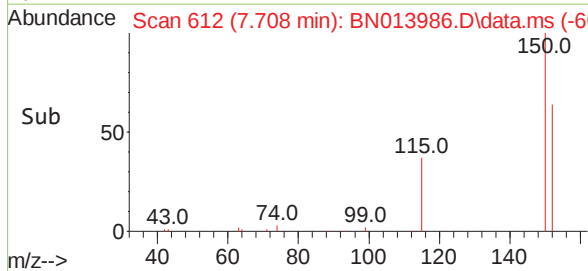


1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.708 min Scan# 612
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

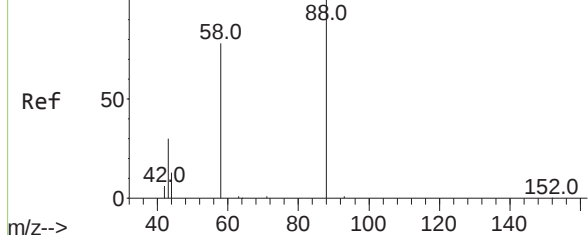
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL



Tgt Ion: 152 Resp: 6350
Ion Ratio Lower Upper
152 100
150 155.6 121.8 182.8
115 60.5 46.6 69.8

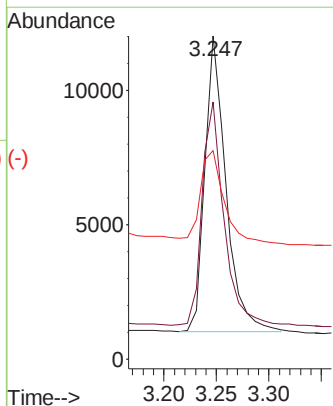
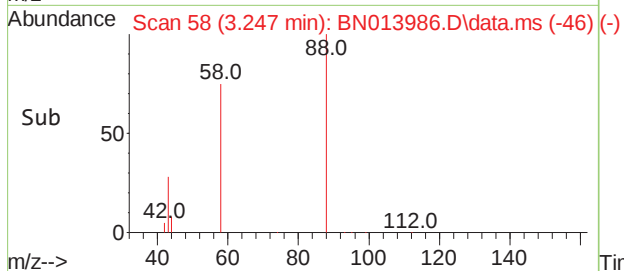
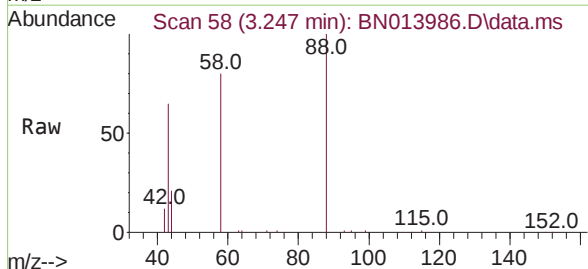


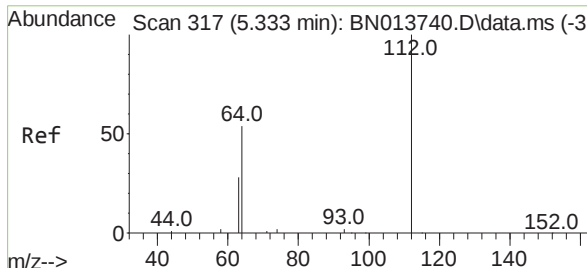
Abundance Scan 61 (3.271 min): BN013740.D\data.ms (-58) (#2)



1,4-Dioxane
Concen: 2.00 ng
RT: 3.247 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion: 88 Resp: 15330
Ion Ratio Lower Upper
88 100
58 77.5 64.6 96.8
43 34.9 26.6 40.0

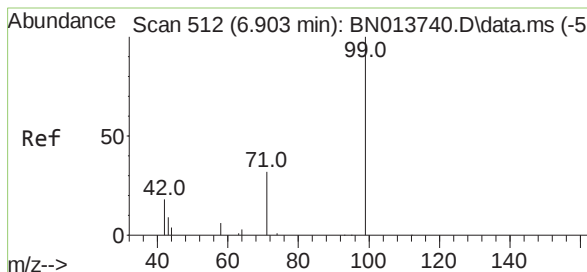
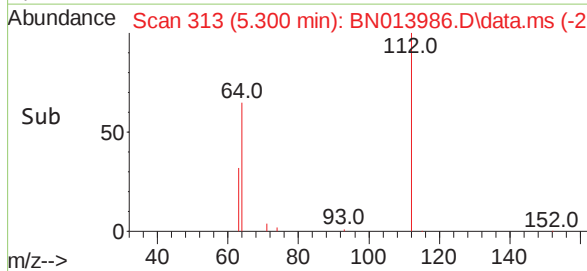
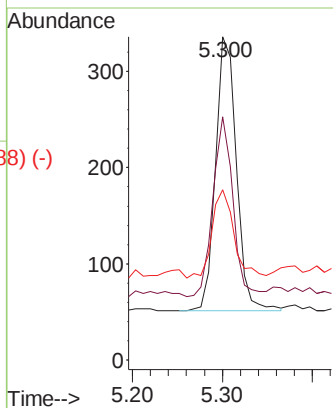
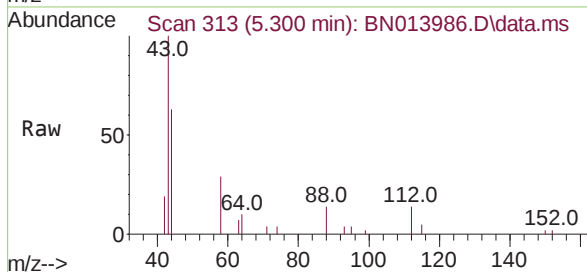




2-Fluorophenol
 Concen: 0.03 ng
 RT: 5.300 min Scan# 313
 Delta R.T. -0.000 min
 Lab File: BN013986.D
 Acq: 18 Mar 2021 17:31

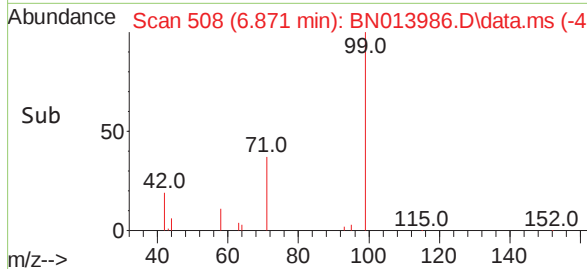
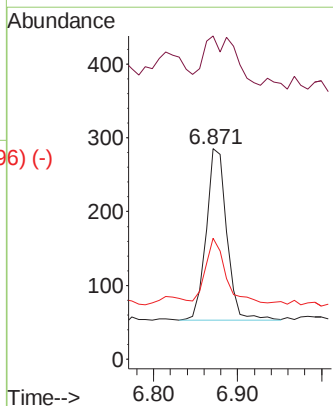
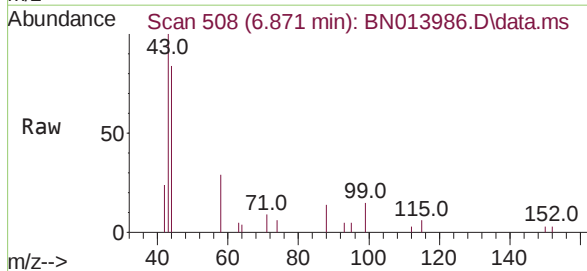
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-224-234-031721DL

Tgt Ion:	112	Resp:	459
Ion	Ratio	Lower	Upper
112	100		
64	62.3	44.3	66.5
63	34.2	23.0	34.6

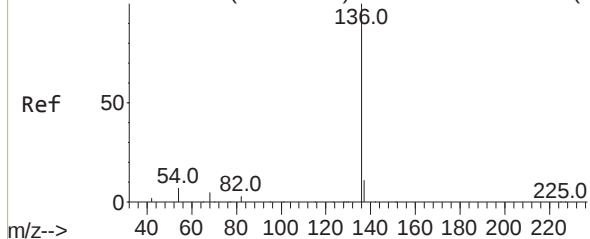


Phenol-d6
 Concen: 0.02 ng
 RT: 6.871 min Scan# 508
 Delta R.T. -0.000 min
 Lab File: BN013986.D
 Acq: 18 Mar 2021 17:31

Tgt Ion:	99	Resp:	395
Ion	Ratio	Lower	Upper
99	100		
42	43.5	15.2	22.8#
71	37.0	26.1	39.1



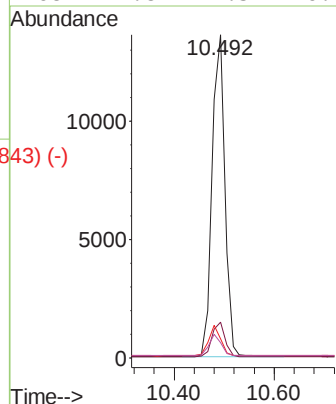
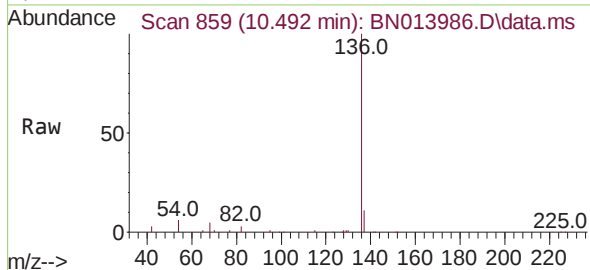
Abundance Scan 862 (10.530 min): BN013740.D\data.ms (-854#7-)



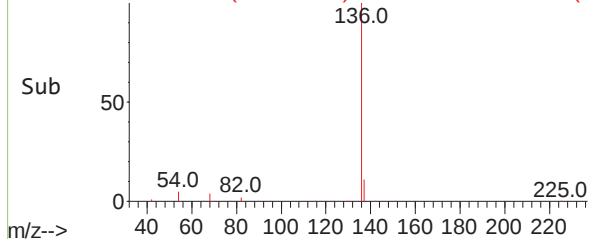
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

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

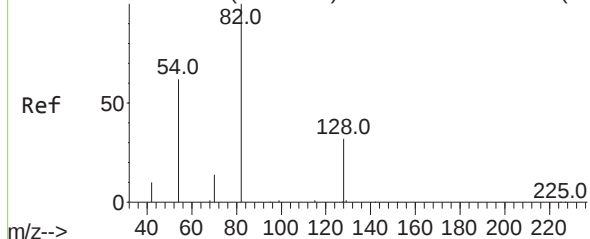
Tgt Ion:	136	Resp:	24033
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	5.8	6.4	9.6#
68	4.8	4.5	6.7



Abundance Scan 859 (10.492 min): BN013986.D\data.ms (-843) (-)

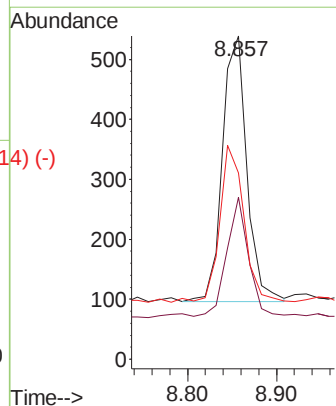
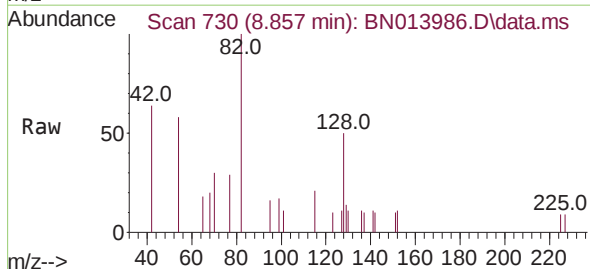


Abundance Scan 732 (8.883 min): BN013740.D\data.ms (-729#8)

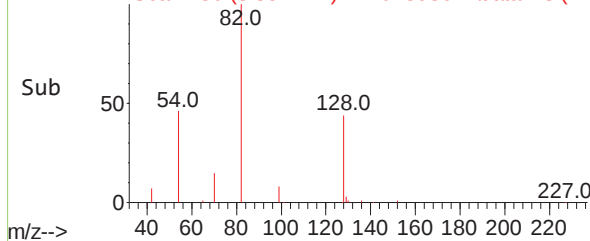


Nitrobenzene-d5
Concen: 0.05 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

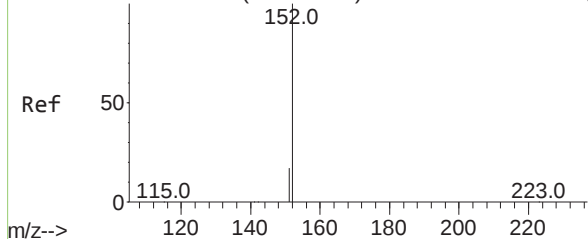
Tgt Ion:	82	Resp:	847
Ion	Ratio	Lower	Upper
82	100		
128	50.1	39.2	58.8
54	57.7	40.1	60.1



Abundance Scan 730 (8.857 min): BN013986.D\data.ms (-714) (-)



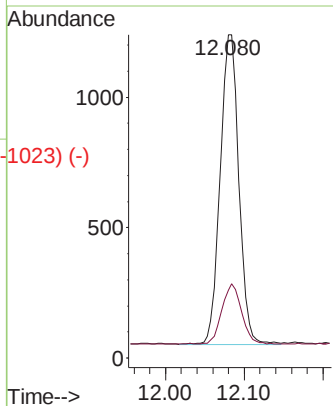
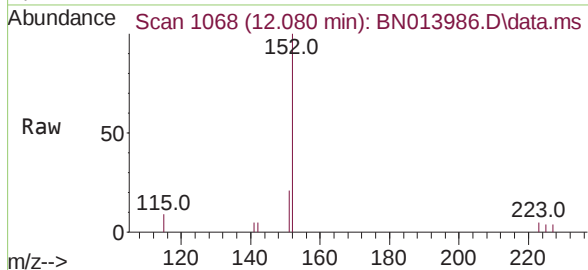
Abundance Scan 1078 (12.124 min): BN013740.D\data.ms (-1011) (-)



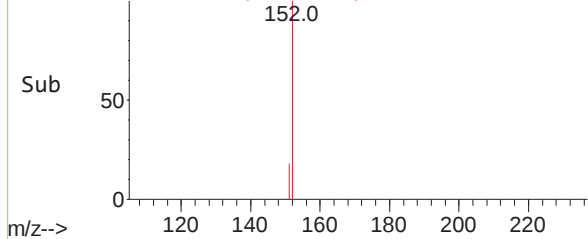
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 12.080 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

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BNA_N
ClientSampleId :
GWBR3-224-234-031721DL

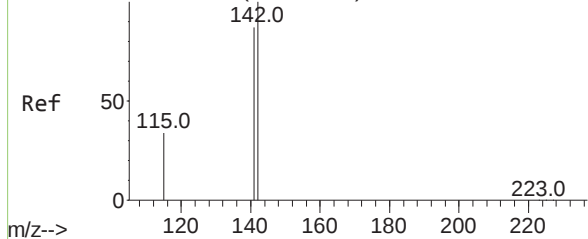
Tgt Ion:152 Resp: 1950
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2



Abundance Scan 1068 (12.080 min): BN013986.D\data.ms (-1023) (-)

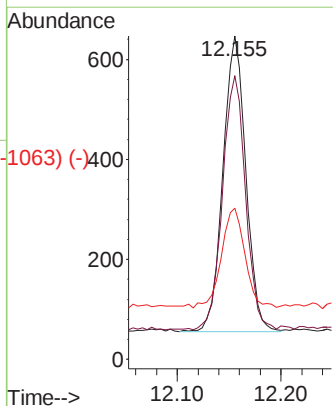
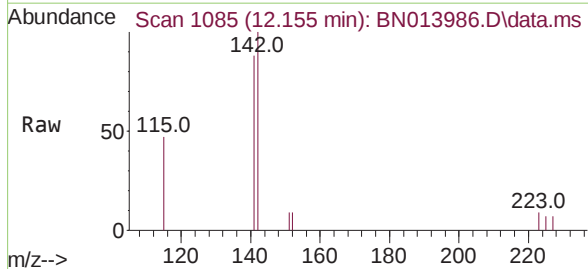


Abundance Scan 1095 (12.200 min): BN013740.D\data.ms (-1015) (-)

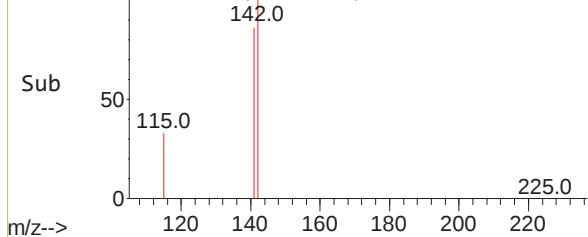


2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.155 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:142 Resp: 907
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7
115 46.8 27.4 41.0#



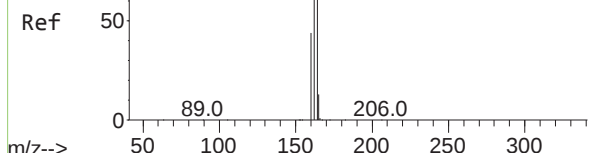
Abundance Scan 1085 (12.155 min): BN013986.D\data.ms (-1063) (-)



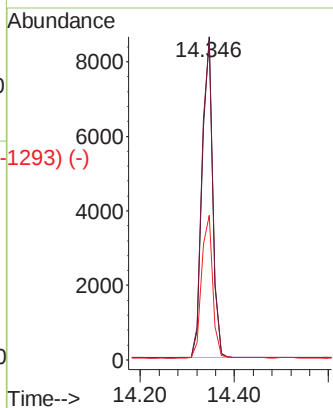
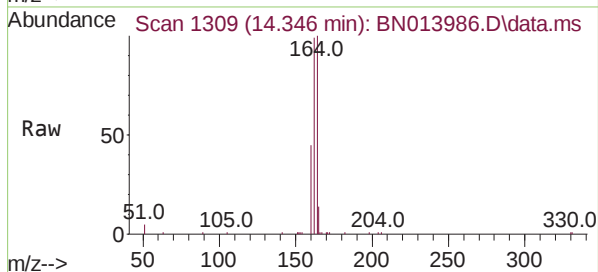
Abundance Scan 1312 (14.384 min): BN013740.D\data.ms (-1293) (-)

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

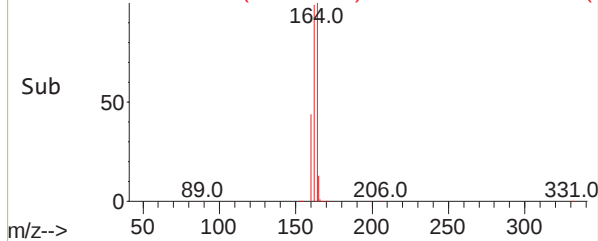
Instrument :
BNA_N
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GWBR3-224-234-031721DL



Tgt Ion:	164	Resp:	13476
Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.6	119.4
160	44.7	36.0	54.0



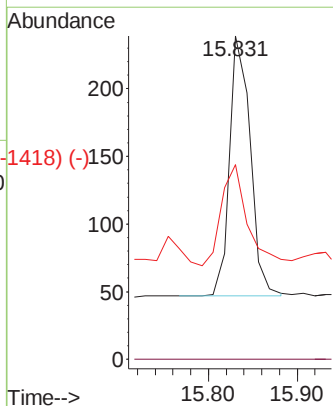
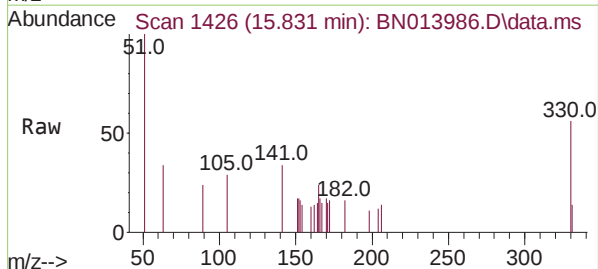
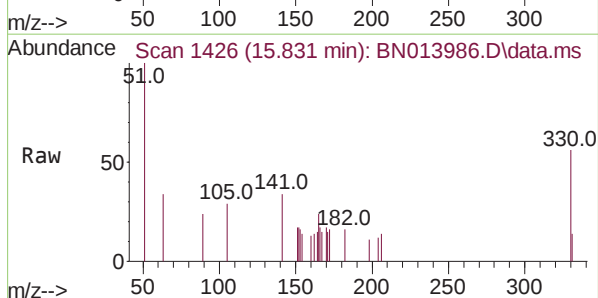
Abundance Scan 1309 (14.346 min): BN013986.D\data.ms (-1293) (-)



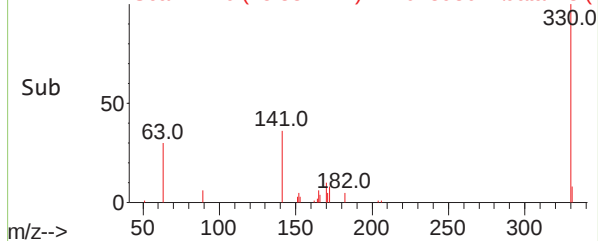
Abundance Scan 1429 (15.869 min): BN013740.D\data.ms (-1293) (-)

2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 15.831 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:	330	Resp:	309
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.5	26.8	40.2#



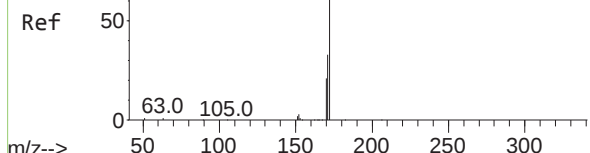
Abundance Scan 1426 (15.831 min): BN013986.D\data.ms (-1418) (-)



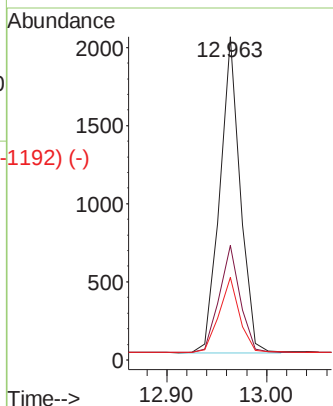
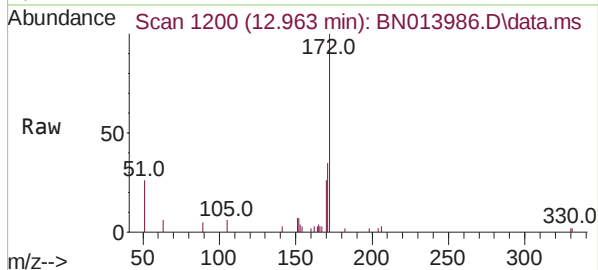
Abundance Scan 1204 (13.014 min): BN013740.D\data.ms (-1115) (-)

2-Fluorobiphenyl
Concen: 0.06 ng
RT: 12.963 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

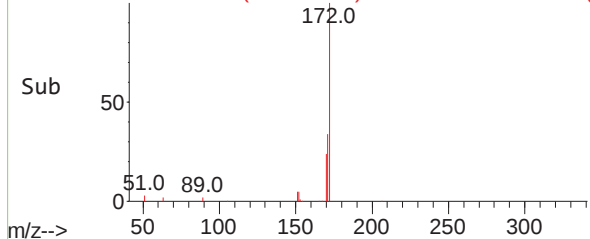
Instrument :
BNA_N
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GWBR3-224-234-031721DL



Tgt Ion:	172	Resp:	2897
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	25.5	18.9	28.3



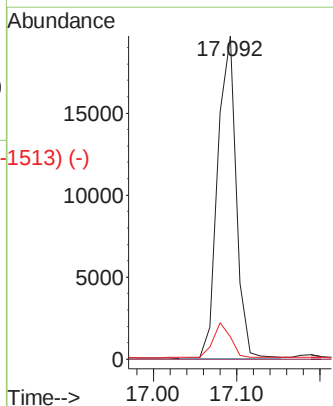
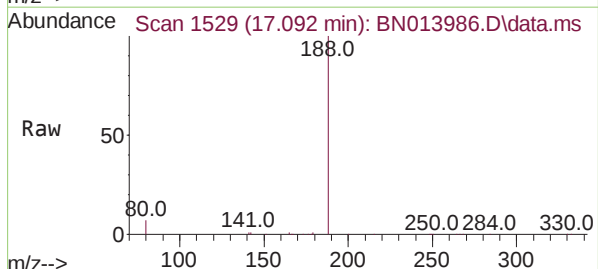
Abundance Scan 1200 (12.963 min): BN013986.D\data.ms (-1192) (-)



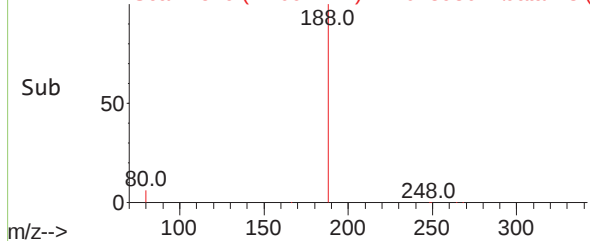
Abundance Scan 1532 (17.128 min): BN013740.D\data.ms (-1516) (-)

Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

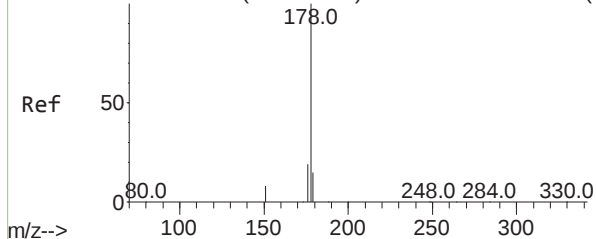
Tgt Ion:	188	Resp:	30517
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	9.0	13.6#



Abundance Scan 1529 (17.092 min): BN013986.D\data.ms (-1513) (-)



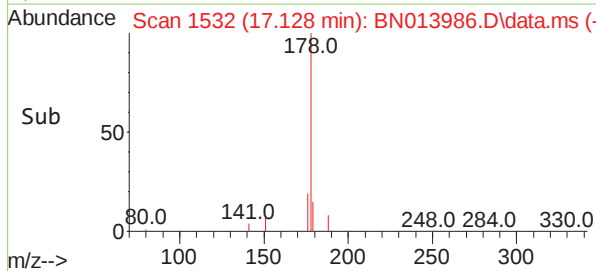
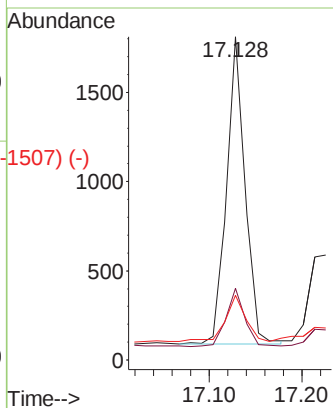
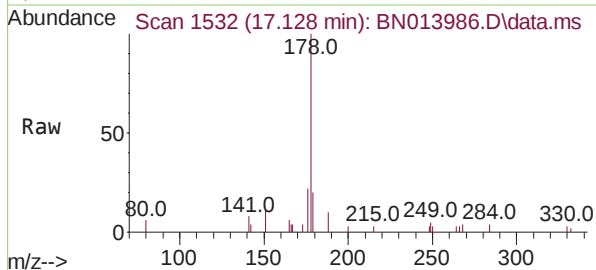
Abundance Scan 1535 (17.165 min): BN013740.D\data.ms (-1525) (-)



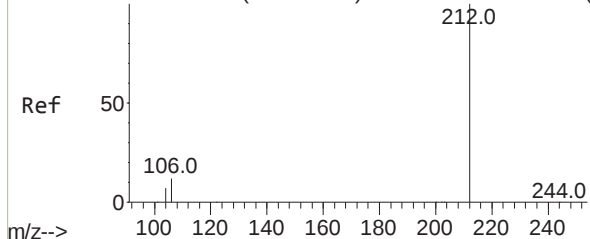
Phenanthrene
Concen: 0.03 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

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

Tgt Ion:	178	Resp:	2403
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	16.8	12.3	18.5

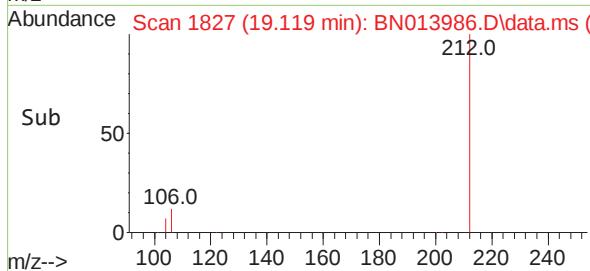
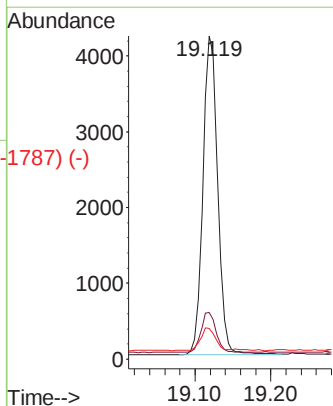
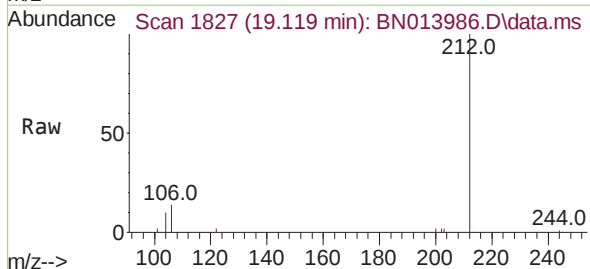


Abundance Scan 1835 (19.159 min): BN013740.D\data.ms (-1825) (-)

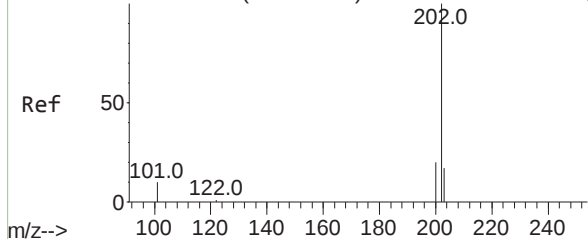


Fluoranthene-d10
Concen: 0.06 ng
RT: 19.119 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:	212	Resp:	5713
Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.7	14.5
104	7.7	5.5	8.3



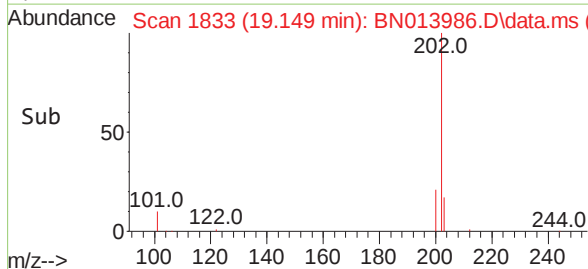
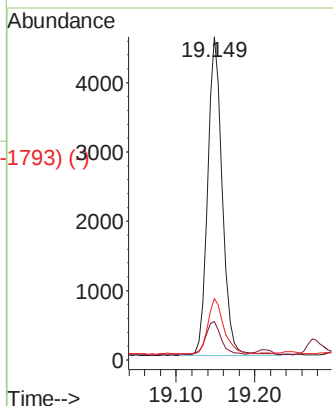
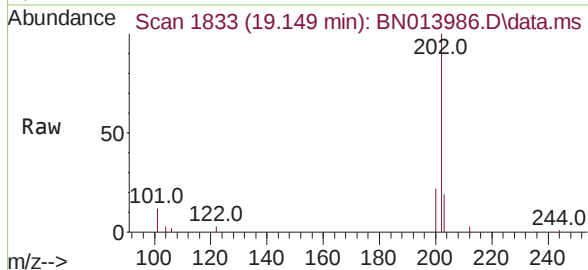
Abundance Scan 1841 (19.188 min): BN013740.D\data.ms (-1823) (-)



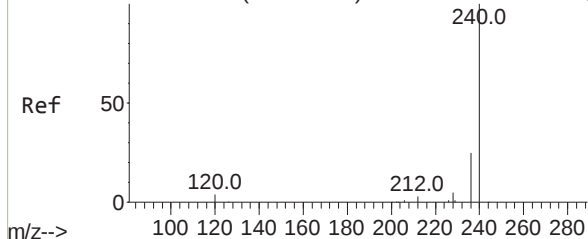
Fluoranthene
Concen: 0.06 ng
RT: 19.149 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

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

Tgt Ion:	202	Resp:	5961
Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.1	12.1
203	18.6	13.9	20.9

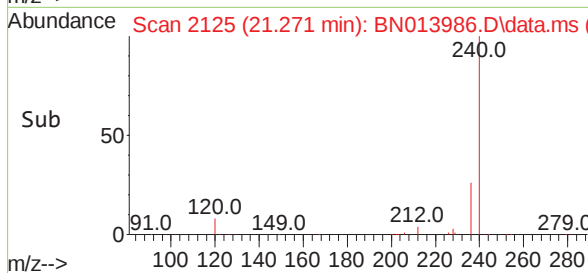
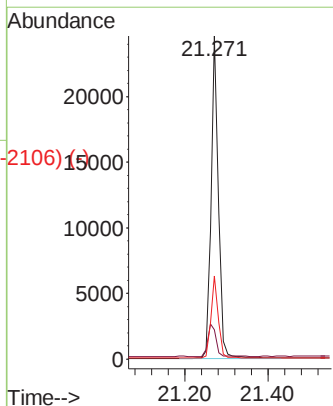
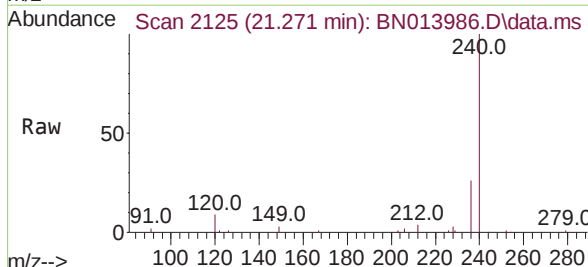


Abundance Scan 2129 (21.314 min): BN013740.D\data.ms (-2124) (-)

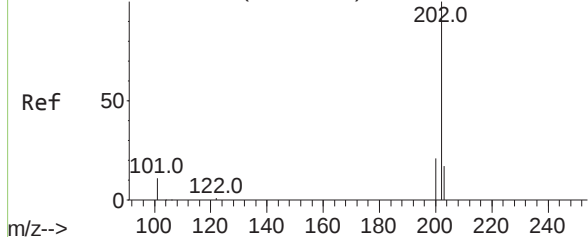


Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:	240	Resp:	30903
Ion	Ratio	Lower	Upper
240	100		
120	9.1	10.2	15.4#
236	25.8	21.3	31.9



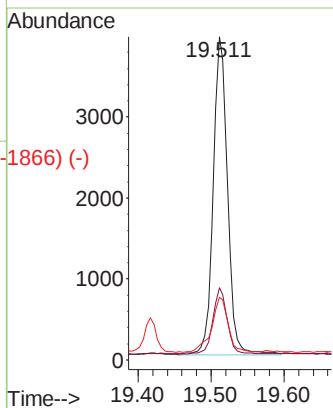
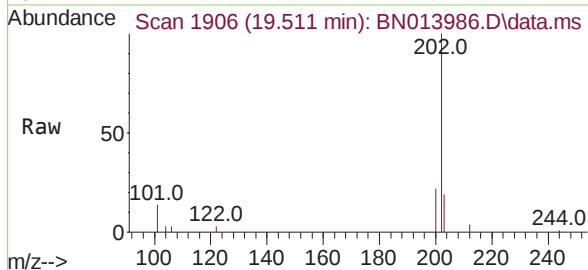
Abundance Scan 1914 (19.551 min): BN013740.D\data.ms (-1932) (-)



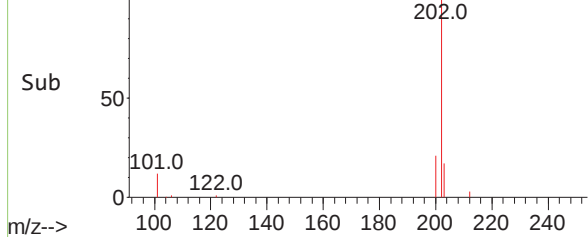
Pyrene
Concen: 0.06 ng
RT: 19.511 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

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

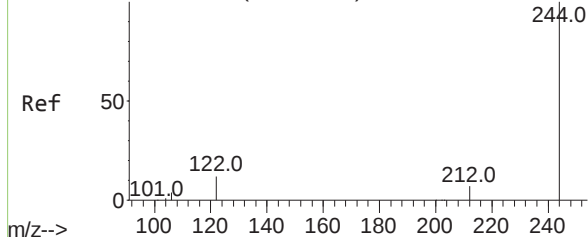
Tgt Ion:	202	Resp:	5336
Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	19.9	14.0	21.0



Abundance Scan 1906 (19.511 min): BN013986.D\data.ms (-1866) (-)

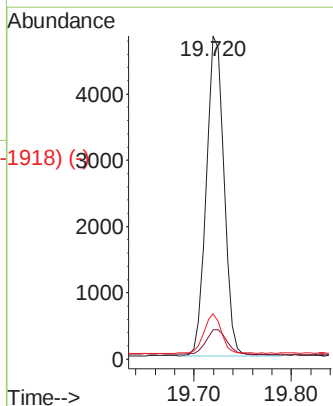
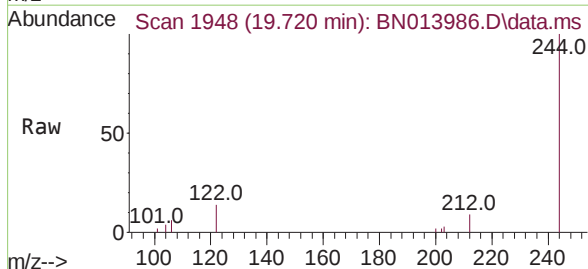


Abundance Scan 1957 (19.764 min): BN013740.D\data.ms (-1943) (-)

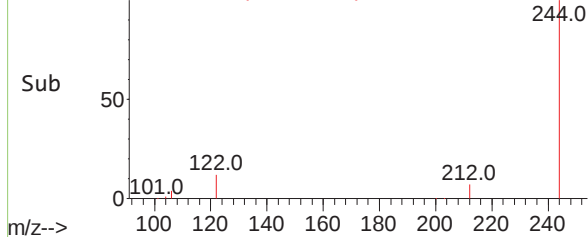


Terphenyl-d14
Concen: 0.09 ng
RT: 19.720 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

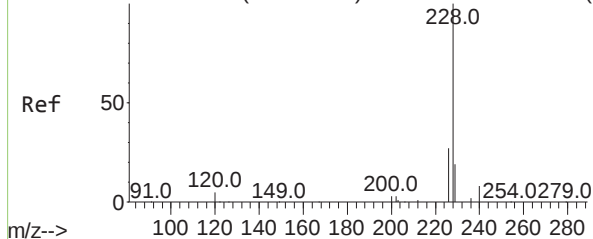
Tgt Ion:	244	Resp:	6105
Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.1	9.1#
122	13.9	9.8	14.8



Abundance Scan 1948 (19.720 min): BN013986.D\data.ms (-1918) (-)



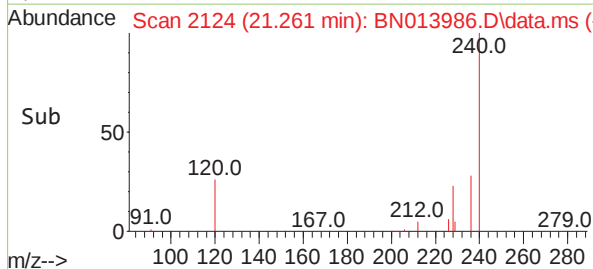
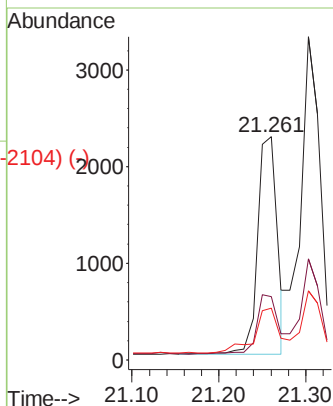
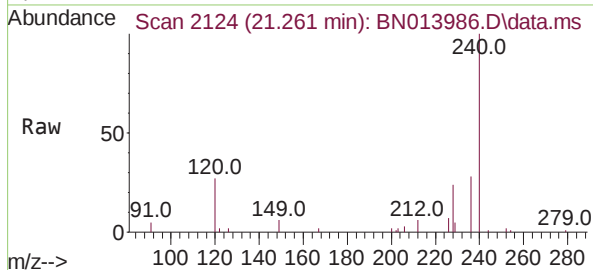
Abundance Scan 2127 (21.293 min): BN013740.D\data.ms (-2127) (-)



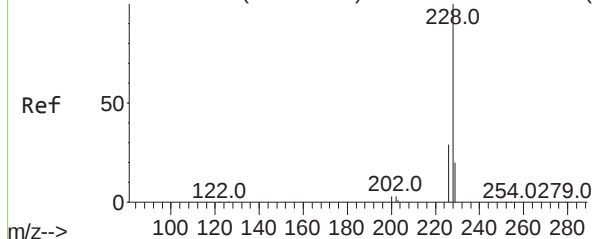
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.261 min Scan# 2124
Delta R.T. 0.011 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

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

Tgt Ion:	228	Resp:	3547
Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.5	30.7
229	23.1	16.2	24.4

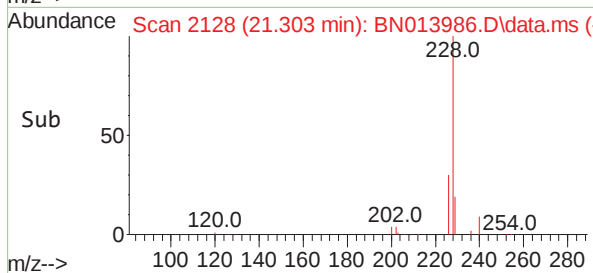
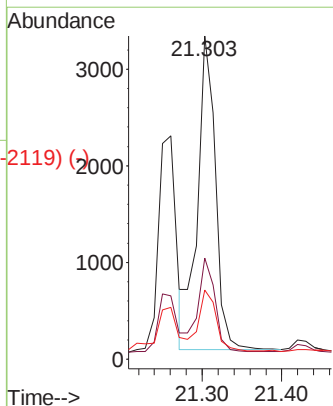
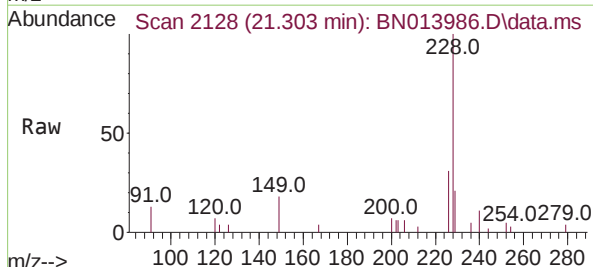


Abundance Scan 2132 (21.346 min): BN013740.D\data.ms (-2132) (-)

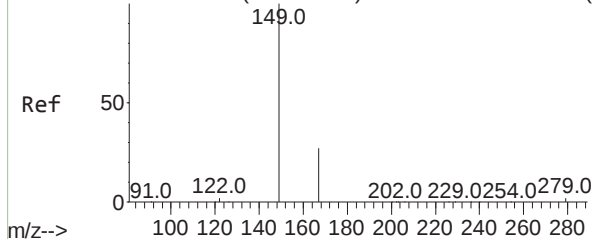


Chrysene
Concen: 0.06 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:	228	Resp:	5139
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	21.4	15.1	22.7



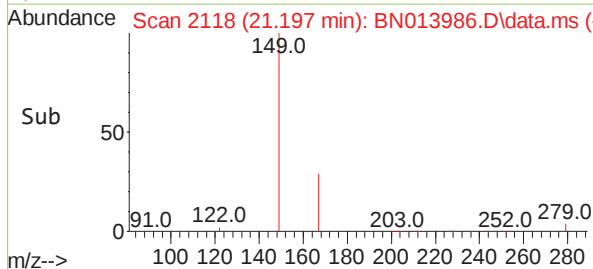
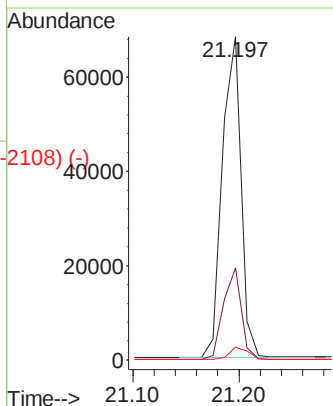
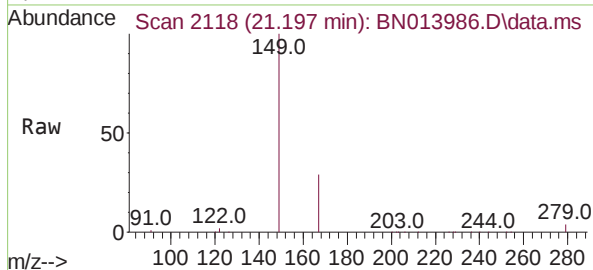
Abundance Scan 2123 (21.250 min): BN013740.D\data.ms (-2123) (-)



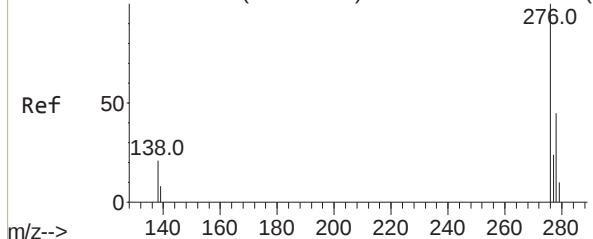
Bis(2-ethylhexyl)phthalate
Concen: 1.85 ng
RT: 21.197 min Scan# 2118
Delta R.T. 0.011 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

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

Tgt Ion:	149	Resp:	83785
Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	3.8	3.5	5.3

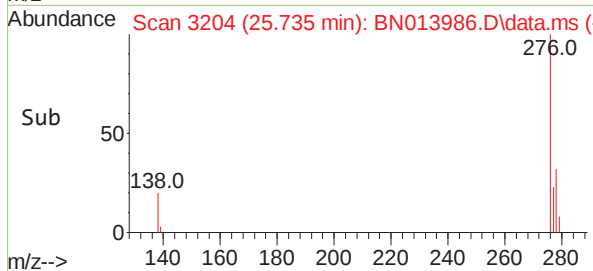
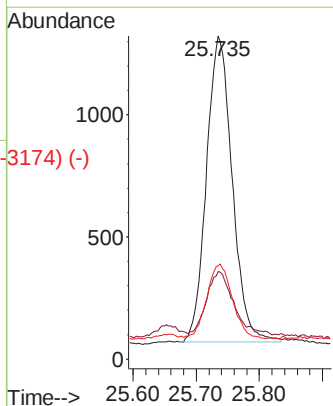
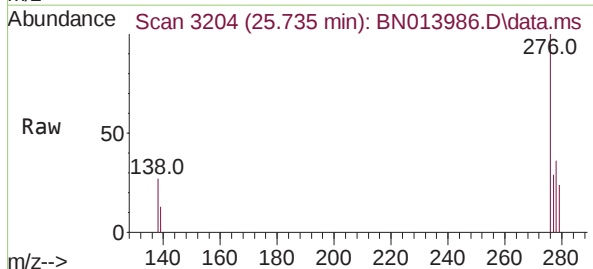


Abundance Scan 3232 (25.831 min): BN013740.D\data.ms (-3232) (-)



Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.735 min Scan# 3204
Delta R.T. 0.003 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

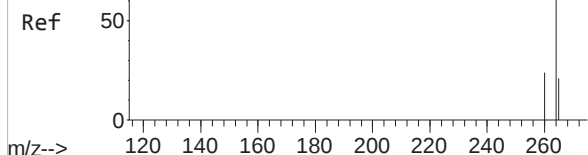
Tgt Ion:	276	Resp:	3554
Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.8	29.6
277	24.2	19.9	29.9



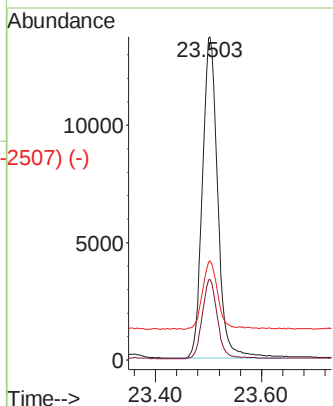
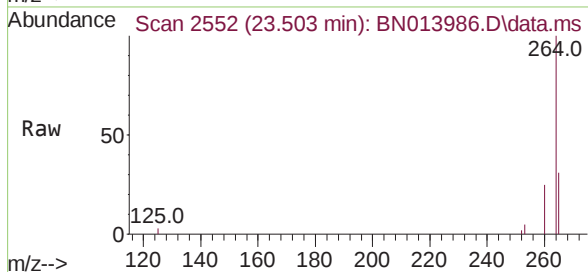
Abundance Scan 2568 (23.558 min): BN013740.D\data.ms (-2532) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.503 min Scan# 2552
Delta R.T. 0.003 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

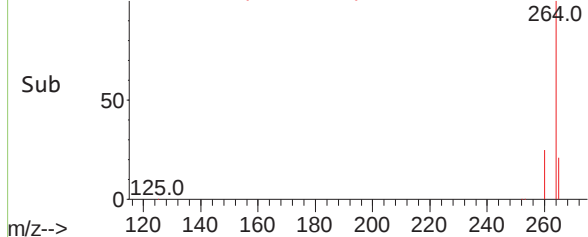
Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721DL



Tgt Ion:	264	Resp:	27457
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	30.8	66.2	99.4#



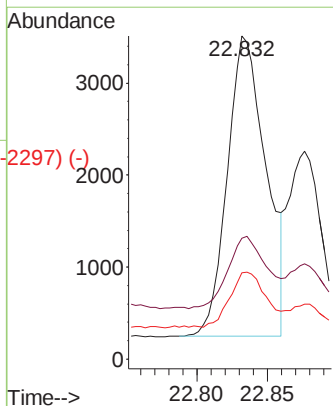
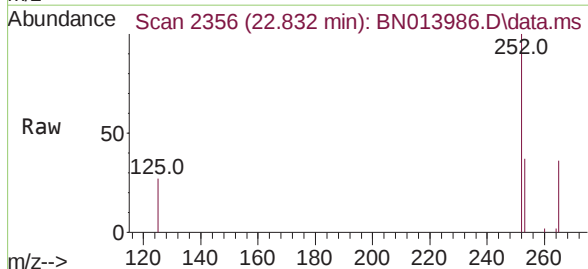
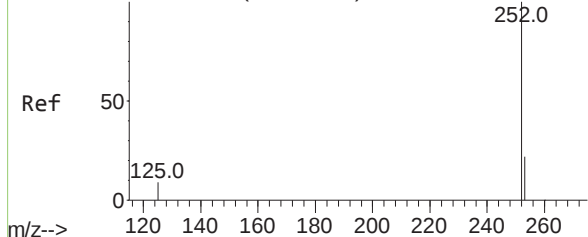
Abundance Scan 2552 (23.503 min): BN013986.D\data.ms (-2507) (-)



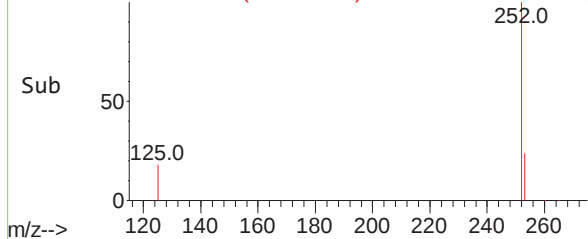
Abundance Scan 2371 (22.883 min): BN013740.D\data.ms (-2339) (-)

Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 22.832 min Scan# 2356
Delta R.T. 0.003 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

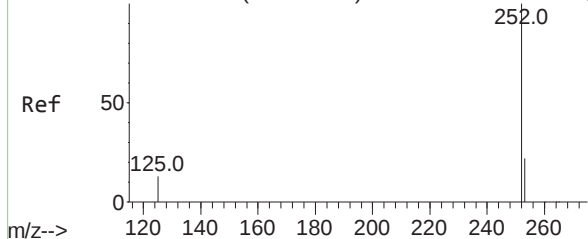
Tgt Ion:	252	Resp:	6207
Ion	Ratio	Lower	Upper
252	100		
253	37.4	20.4	30.6#
125	26.7	11.6	17.4#



Abundance Scan 2356 (22.832 min): BN013986.D\data.ms (-2297) (-)



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

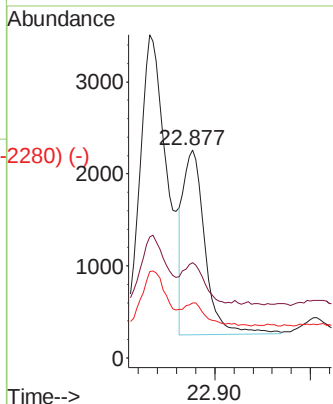
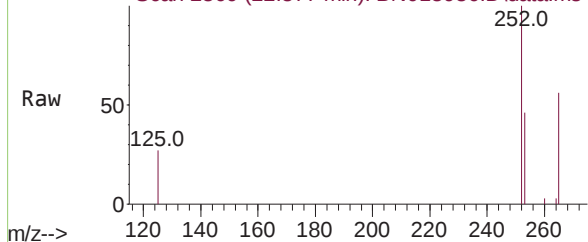


Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.877 min Scan# 2369
Delta R.T. 0.003 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

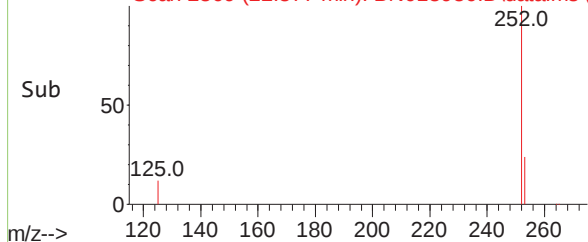
Tgt Ion:252 Resp: 3171
Ion Ratio Lower Upper
252 100
253 45.9 20.5 30.7#
125 26.6 12.3 18.5#

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

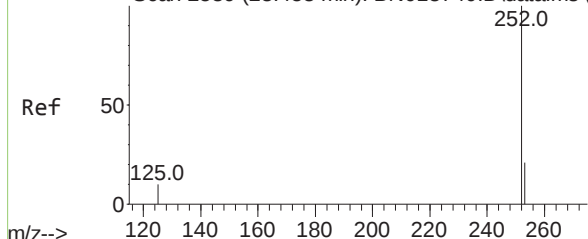
Abundance Scan 2369 (22.877 min): BN013986.D\data.ms



Abundance Scan 2369 (22.877 min): BN013986.D\data.ms (-2280) (-)



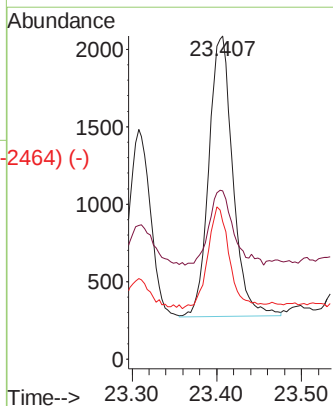
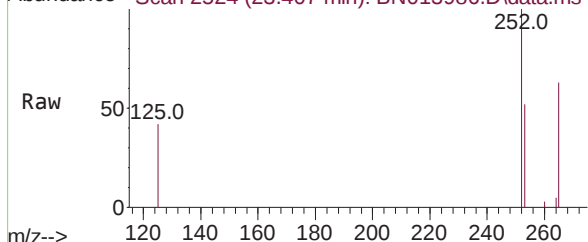
Abundance Scan 2539 (23.458 min): BN013740.D\data.ms (-2280) (-)



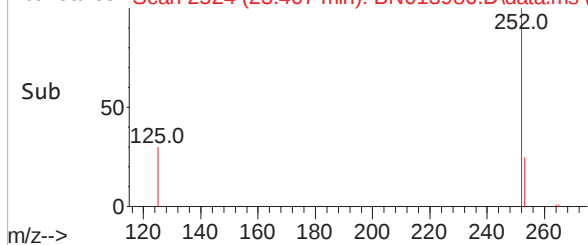
Benzo(a)pyrene
Concen: 0.05 ng
RT: 23.407 min Scan# 2524
Delta R.T. 0.007 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

Tgt Ion:252 Resp: 3588
Ion Ratio Lower Upper
252 100
253 52.0 21.8 32.6#
125 42.5 14.6 21.8#

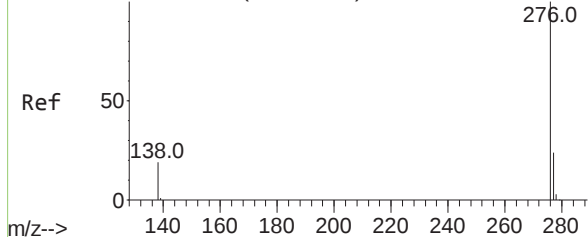
Abundance Scan 2524 (23.407 min): BN013986.D\data.ms



Abundance Scan 2524 (23.407 min): BN013986.D\data.ms (-2464) (-)



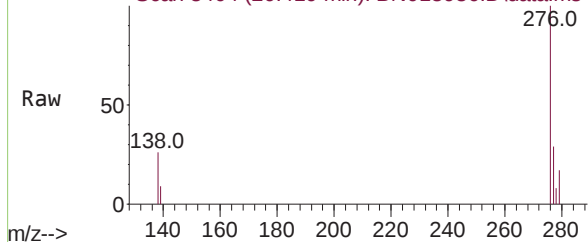
Abundance Scan 3434 (26.522 min): BN013740.D\data.ms (-3434) (-)



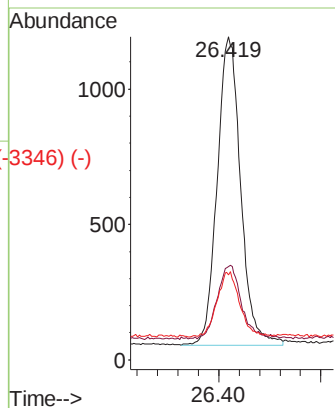
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.419 min Scan# 3404
Delta R.T. -0.000 min
Lab File: BN013986.D
Acq: 18 Mar 2021 17:31

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

Abundance Scan 3404 (26.419 min): BN013986.D\data.ms



Tgt Ion:	276	Resp:	3627
Ion	Ratio	Lower	Upper
276	100		
277	28.8	20.0	30.0
138	26.3	17.8	26.8



Abundance Scan 3404 (26.419 min): BN013986.D\data.ms (-3346) (-)

