

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031921\
 Data File : BN013985.D
 Acq On : 18 Mar 2021 16:55
 Operator : CG/JU
 Sample : M1714-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-209-219-031721

Quant Time: Mar 18 17:29:37 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)

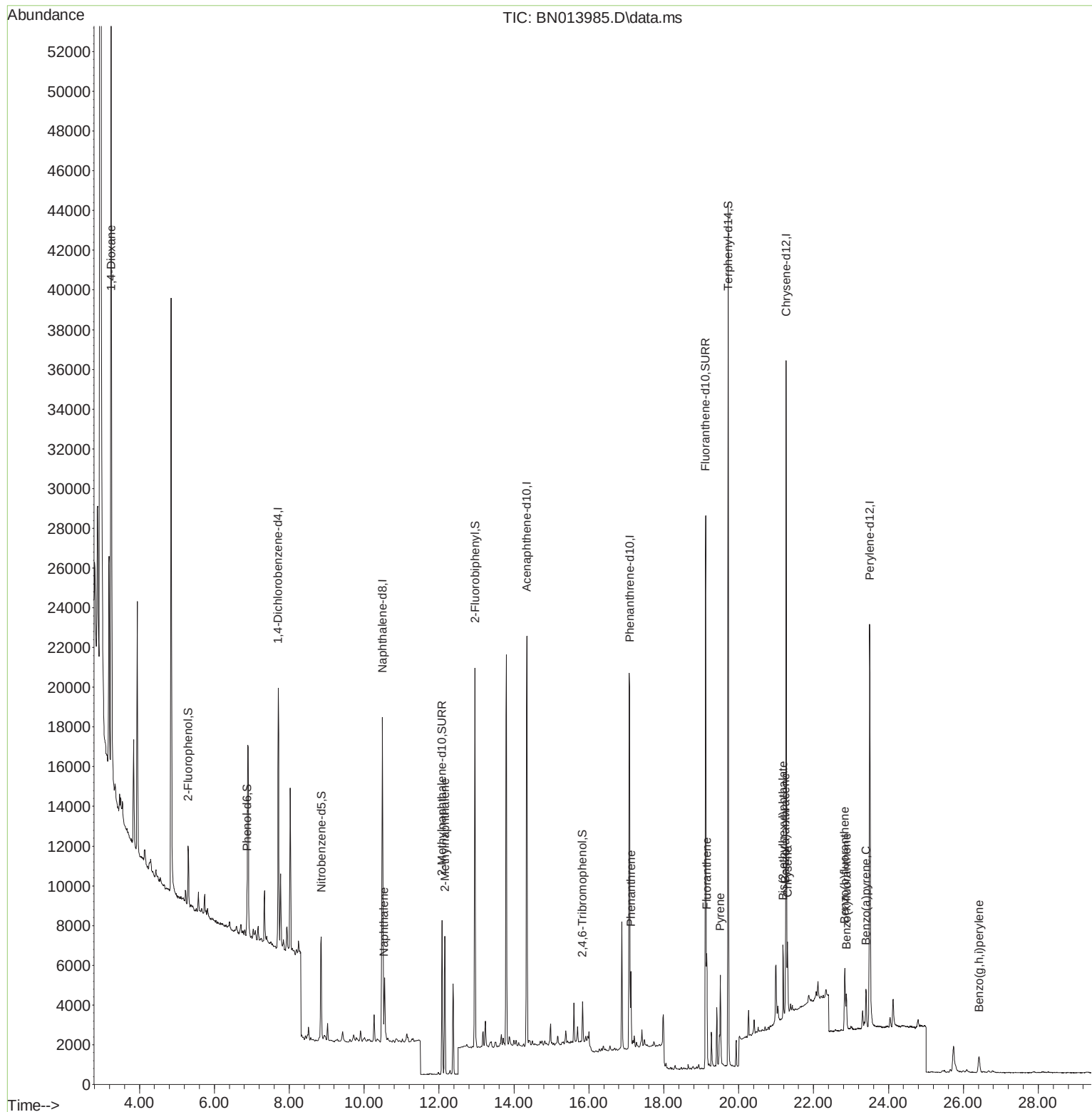
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	5992	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	22952	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	12927	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	29135	0.40	ng	# 0.00
29) Chrysene-d12	21.271	240	29531	0.40	ng	# 0.00
36) Perylene-d12	23.499	264	26542	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	2221	0.14	ng	0.00
5) Phenol-d6	6.871	99	1683	0.08	ng	0.00
8) Nitrobenzene-d5	8.857	82	4602	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.080	152	10357	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.831	330	1460	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	15737	0.34	ng	0.00
27) Fluoranthene-d10	19.119	212	31083	0.36	ng	0.00
31) Terphenyl-d14	19.720	244	41220	0.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	31990	4.42	ng	96
9) Naphthalene	10.530	128	1585	0.03	ng	# 85
12) 2-Methylnaphthalene	12.155	142	4947	0.12	ng	98
25) Phenanthrene	17.128	178	3762	0.05	ng	98
28) Fluoranthene	19.149	202	4706	0.05	ng	# 88
30) Pyrene	19.511	202	3902	0.04	ng	# 95
32) Benzo(a)anthracene	21.250	228	2298	0.03	ng	# 90
33) Chrysene	21.303	228	3080	0.03	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.186	149	3840	0.09	ng	98
37) Benzo(b)fluoranthene	22.832	252	3817	0.04	ng	# 47
38) Benzo(k)fluoranthene	22.877	252	2072	0.03	ng	# 36
39) Benzo(a)pyrene	23.400	252	2110	0.03	ng	# 12
41) Benzo(g,h,i)perylene	26.419	276	1740	0.02	ng	# 80

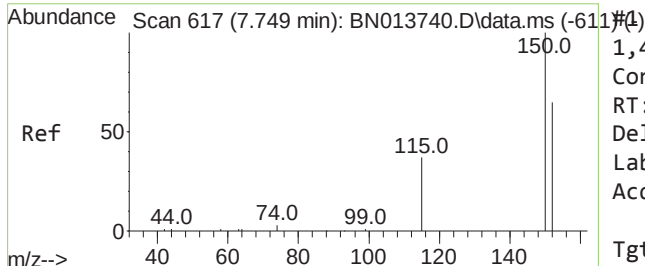
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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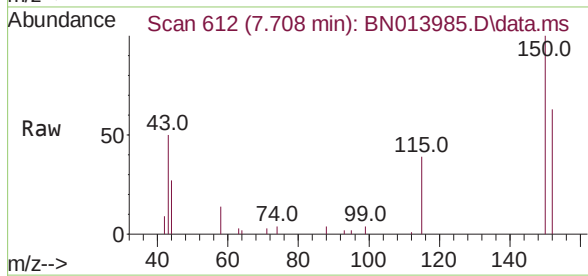
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
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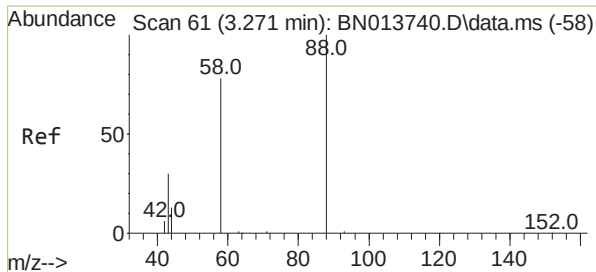
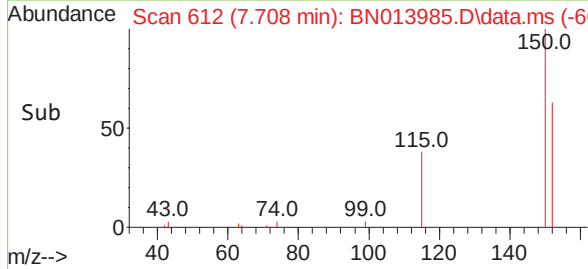
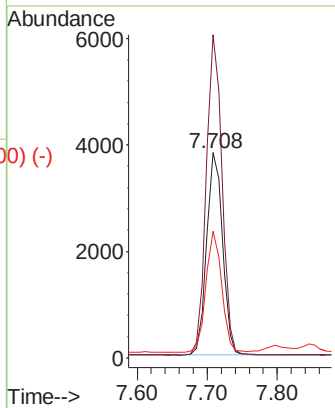


1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.708 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: BN013985.D
 Acq: 18 Mar 2021 16:55

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-209-219-031721

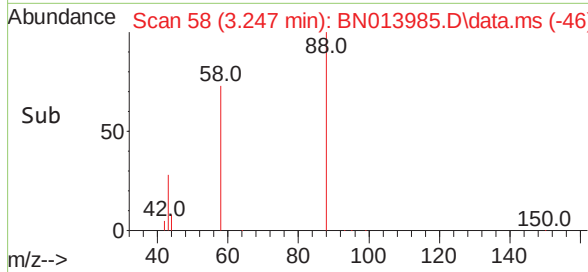
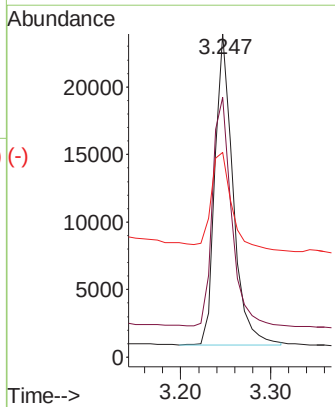
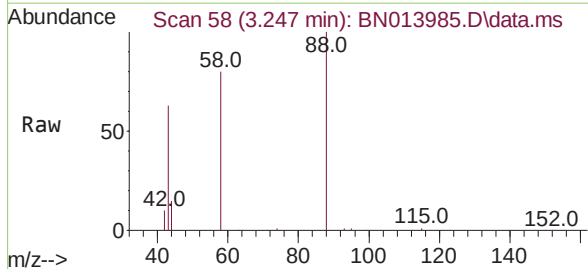


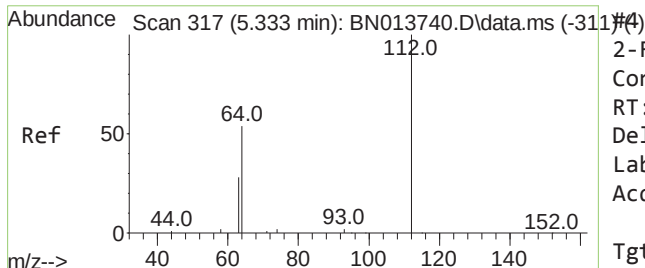
Tgt Ion:	152	Resp:	5992
Ion	Ratio	Lower	Upper
152	100		
150	157.5	121.8	182.8
115	61.9	46.6	69.8



1,4-Dioxane
 Concen: 4.42 ng
 RT: 3.247 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: BN013985.D
 Acq: 18 Mar 2021 16:55

Tgt Ion:	88	Resp:	31990
Ion	Ratio	Lower	Upper
88	100		
58	77.4	64.6	96.8
43	36.3	26.6	40.0

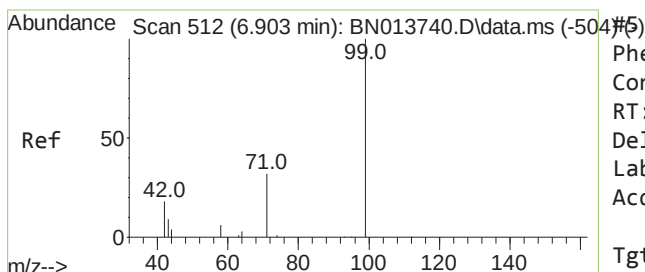
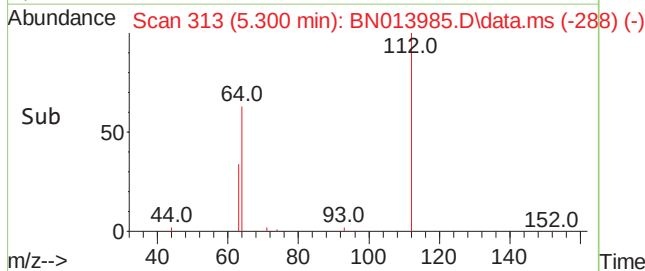
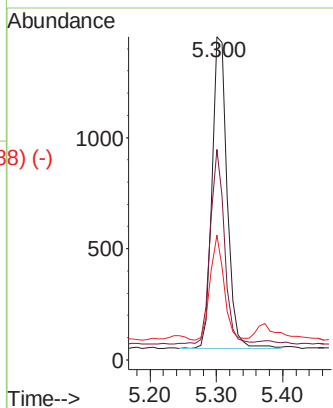
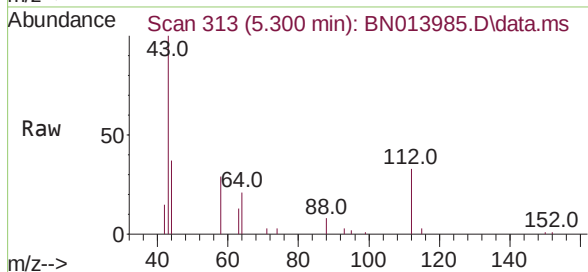




2-Fluorophenol
 Concen: 0.14 ng
 RT: 5.300 min Scan# 313
 Delta R.T. 0.000 min
 Lab File: BN013985.D
 Acq: 18 Mar 2021 16:55

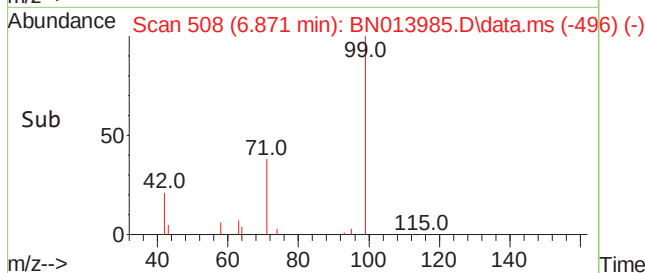
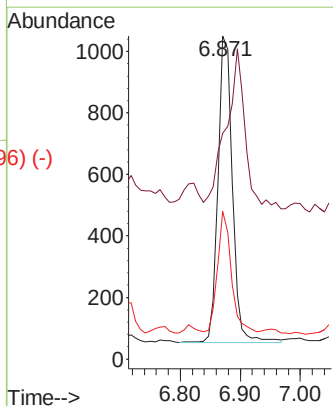
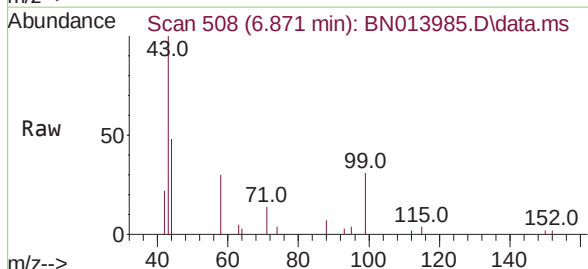
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-209-219-031721

Tgt Ion:	112	Resp:	2221
Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.3	66.5
63	30.8	23.0	34.6

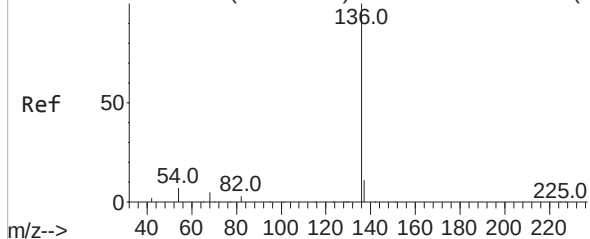


Phenol-d6
 Concen: 0.08 ng
 RT: 6.871 min Scan# 508
 Delta R.T. 0.000 min
 Lab File: BN013985.D
 Acq: 18 Mar 2021 16:55

Tgt Ion:	99	Resp:	1683
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	38.2	26.1	39.1



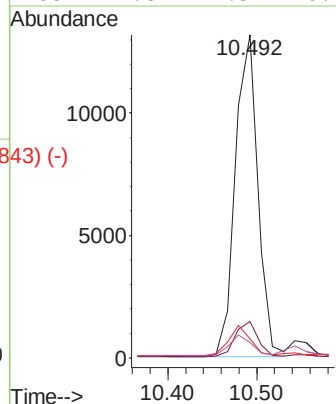
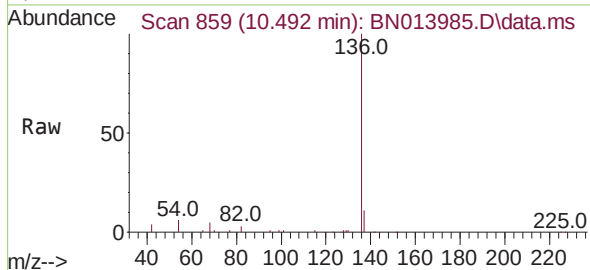
Abundance Scan 862 (10.530 min): BN013740.D\data.ms (-854#7-)



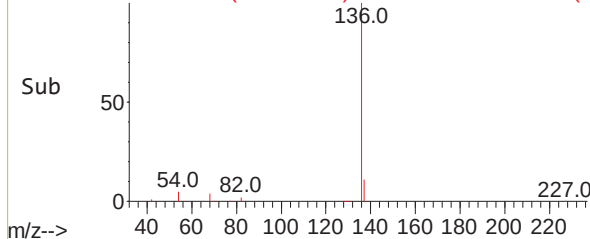
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721

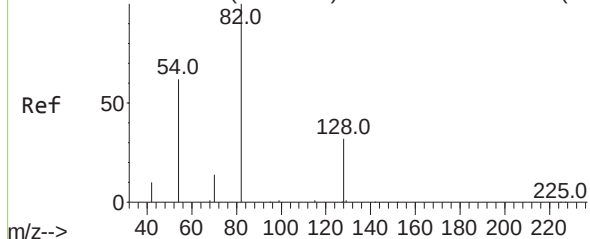
Tgt Ion:	136	Resp:	22952
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.9	6.4	9.6#
68	4.8	4.5	6.7



Abundance Scan 859 (10.492 min): BN013985.D\data.ms (-843) (-)

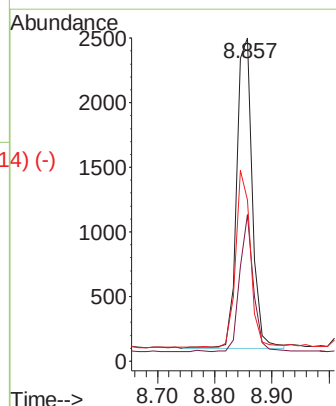
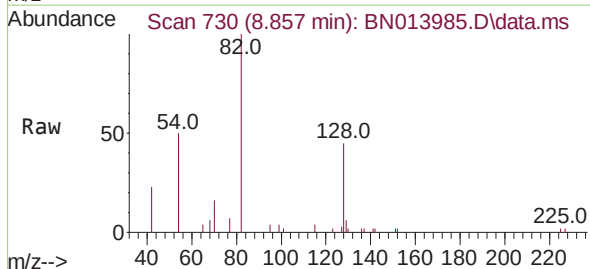


Abundance Scan 732 (8.883 min): BN013740.D\data.ms (-729#8)

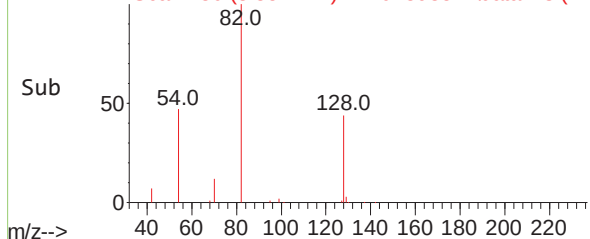


Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

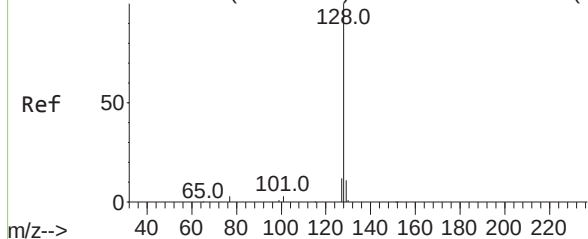
Tgt Ion:	82	Resp:	4602
Ion	Ratio	Lower	Upper
82	100		
128	45.4	39.2	58.8
54	49.8	40.1	60.1



Abundance Scan 730 (8.857 min): BN013985.D\data.ms (-714) (-)



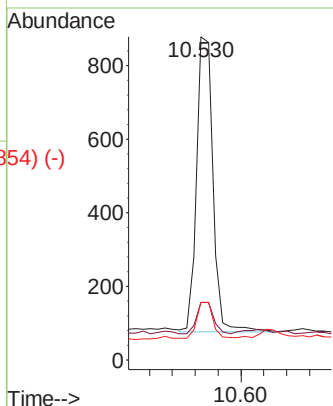
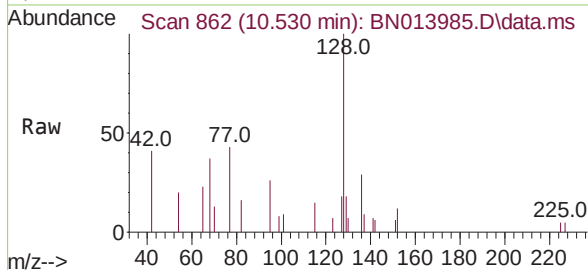
Abundance Scan 866 (10.581 min): BN013740.D\data.ms (-866) (-)



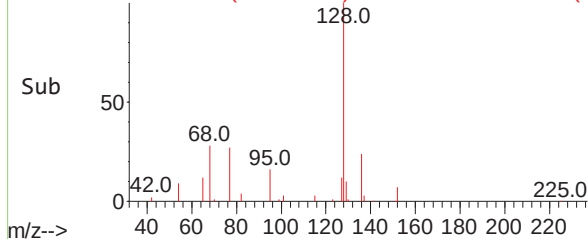
Naphthalene
Concen: 0.03 ng
RT: 10.530 min Scan# 862
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
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GWBR3-209-219-031721

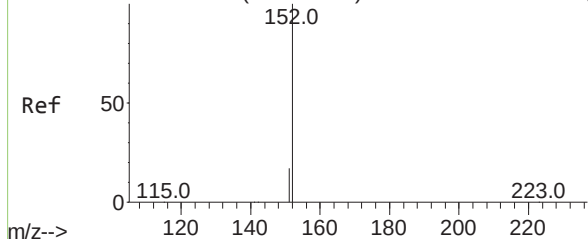
Tgt Ion:	128	Resp:	1585
Ion	Ratio	Lower	Upper
128	100		
129	17.8	9.0	13.4#
127	17.9	10.4	15.6#



Abundance Scan 862 (10.530 min): BN013985.D\data.ms (-854) (-)

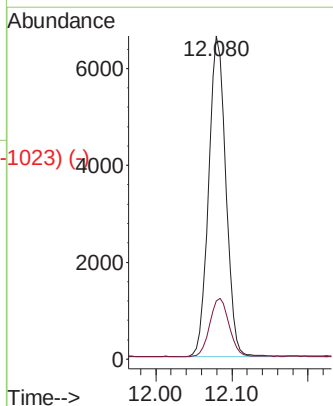
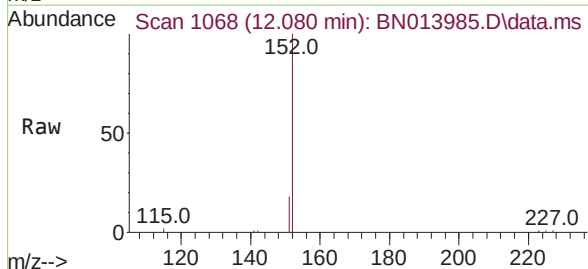


Abundance Scan 1078 (12.124 min): BN013740.D\data.ms (-1078) (-)

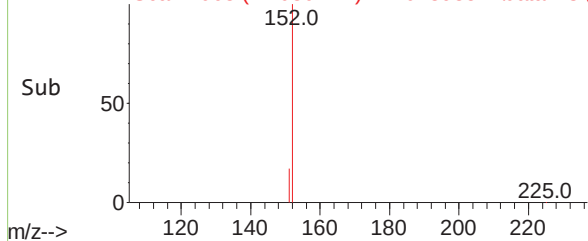


2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.080 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

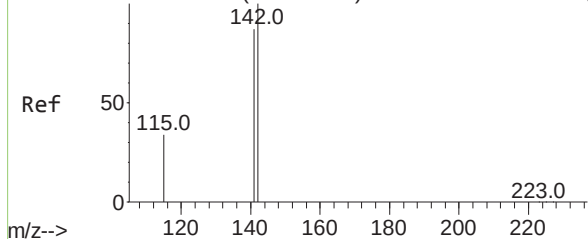
Tgt Ion:	152	Resp:	10357
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2



Abundance Scan 1068 (12.080 min): BN013985.D\data.ms (-1023) (-)



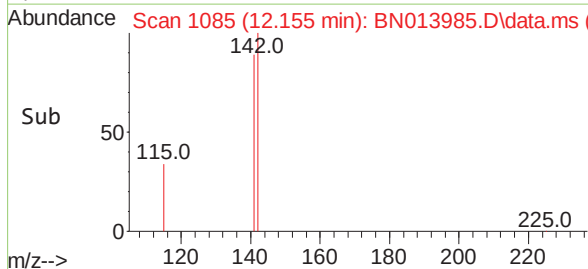
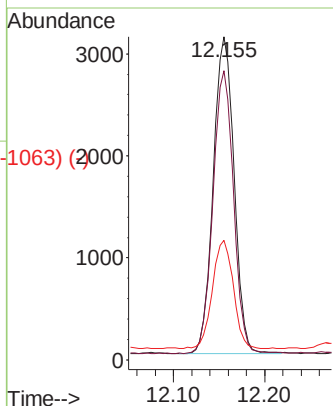
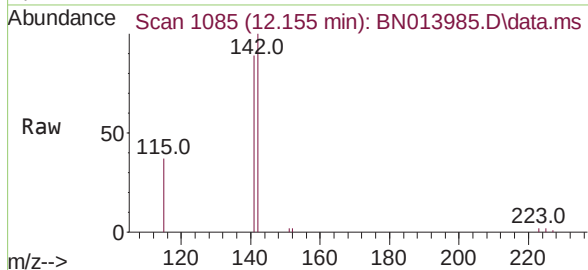
Abundance Scan 1095 (12.200 min): BN013740.D\data.ms (-1063) (-)



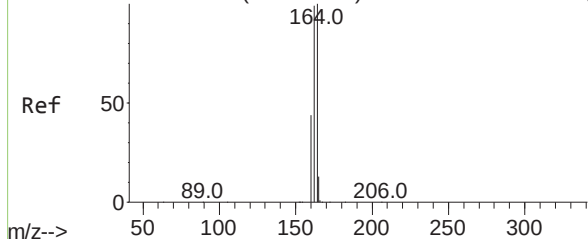
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.155 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721

Tgt Ion:	142	Resp:	4947
Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.5	105.7
115	37.1	27.4	41.0

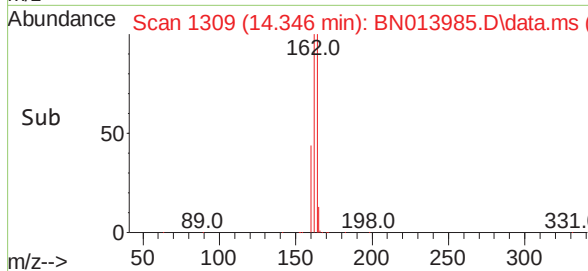
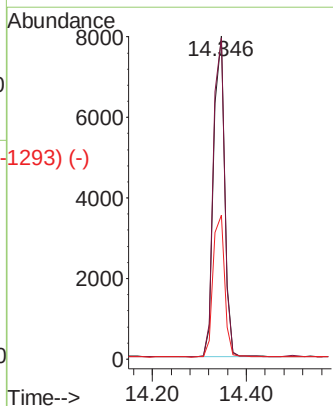
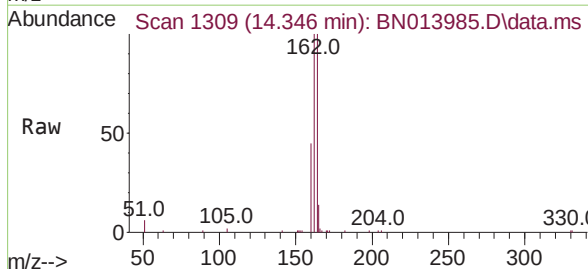


Abundance Scan 1312 (14.384 min): BN013740.D\data.ms (-1293) (-)

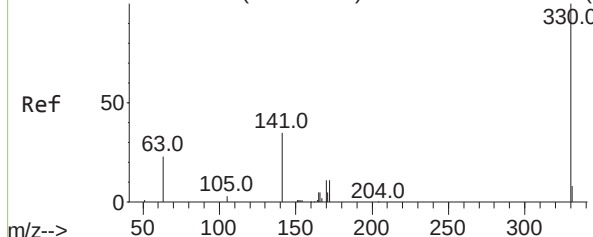


Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:	164	Resp:	12927
Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.6	119.4
160	44.6	36.0	54.0



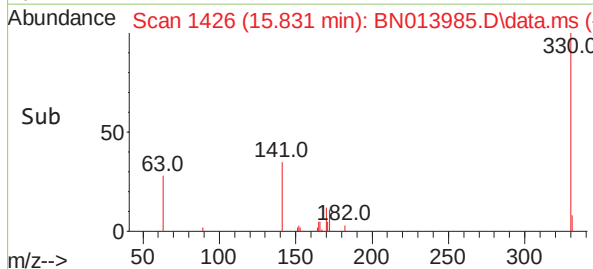
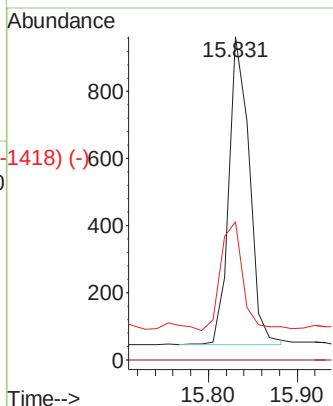
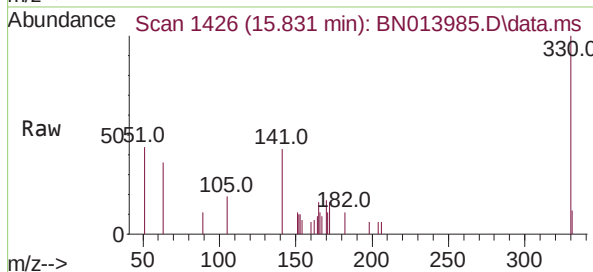
Abundance Scan 1429 (15.869 min): BN013740.D\data.ms (-1418) (-)



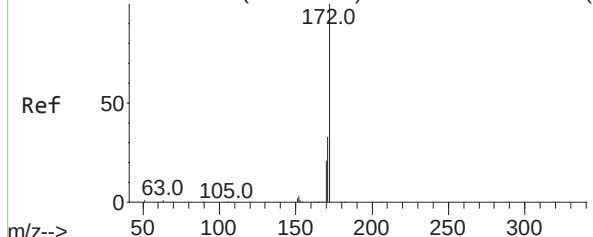
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.831 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
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Tgt Ion:330 Resp: 1460
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.4 26.8 40.2

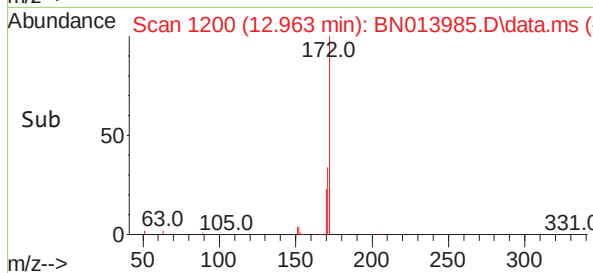
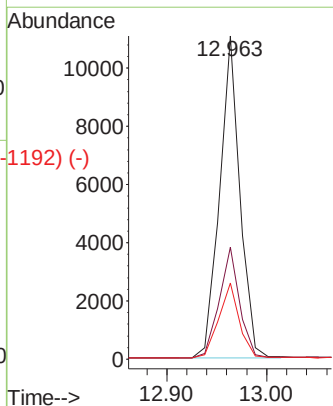
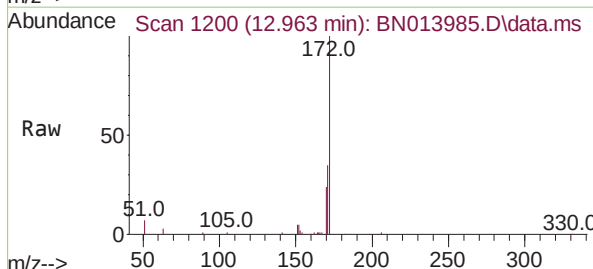


Abundance Scan 1204 (13.014 min): BN013740.D\data.ms (-1192) (-)

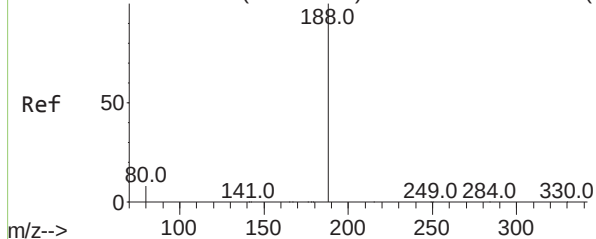


2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.963 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:172 Resp: 15737
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.5 18.9 28.3



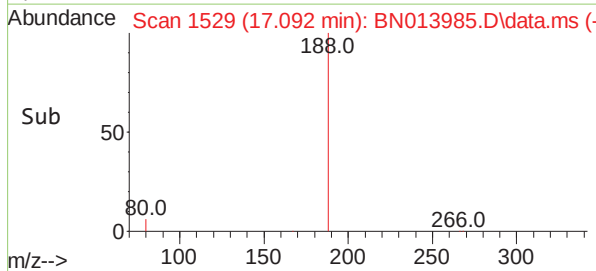
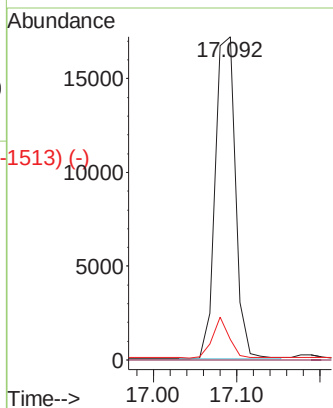
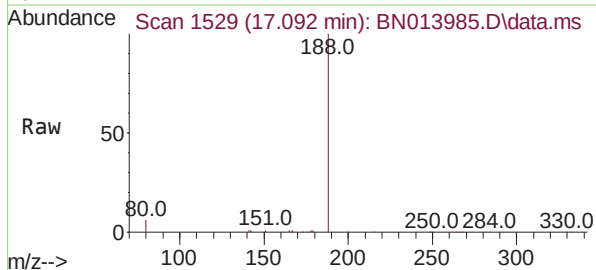
Abundance Scan 1532 (17.128 min): BN013740.D\data.ms (-1513) (-)



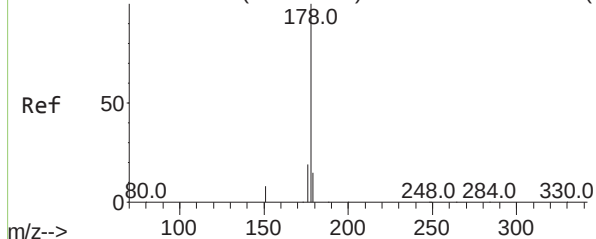
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721

Tgt Ion:188 Resp: 29135
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.4 9.0 13.6#

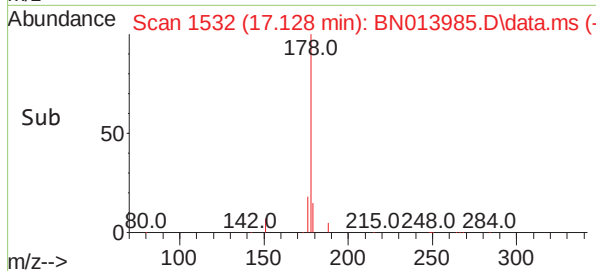
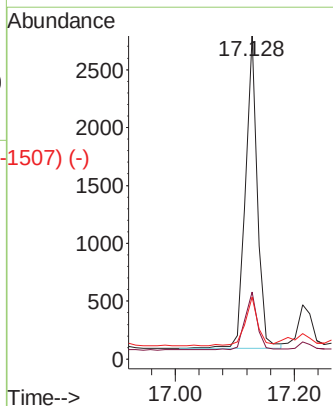
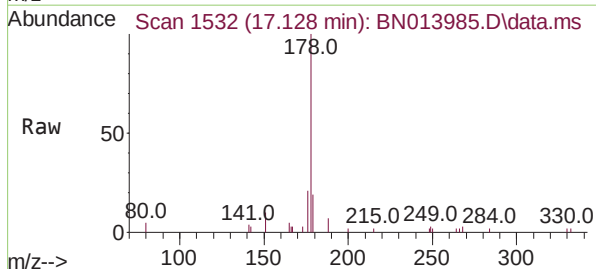


Abundance Scan 1535 (17.165 min): BN013740.D\data.ms (-1525) (-)

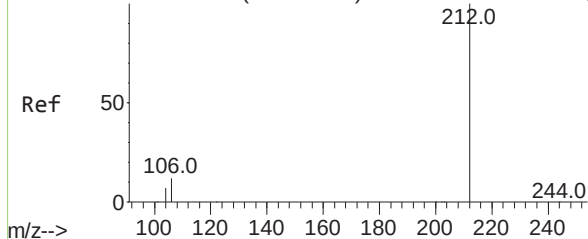


Phenanthrene
Concen: 0.05 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:178 Resp: 3762
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 16.8 12.3 18.5



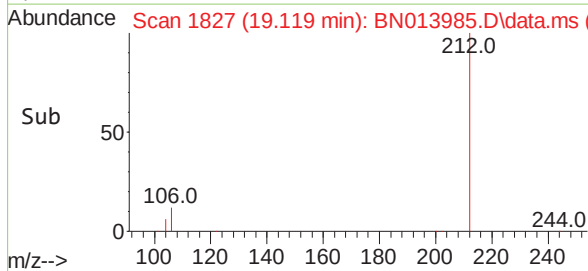
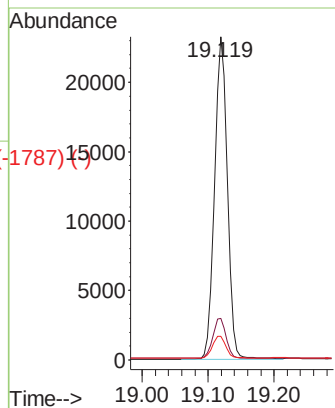
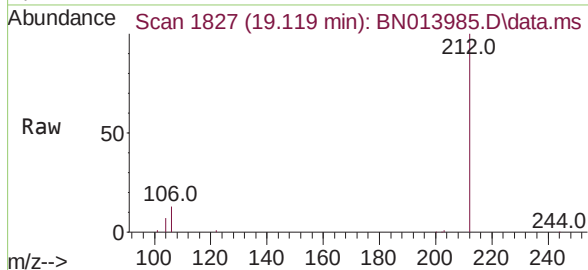
Abundance Scan 1835 (19.159 min): BN013740.D\data.ms (-1825) (-)



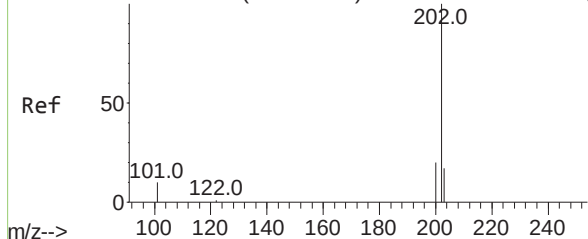
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.119 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721

Tgt Ion:212 Resp: 31083
Ion Ratio Lower Upper
212 100
106 12.7 9.7 14.5
104 7.2 5.5 8.3

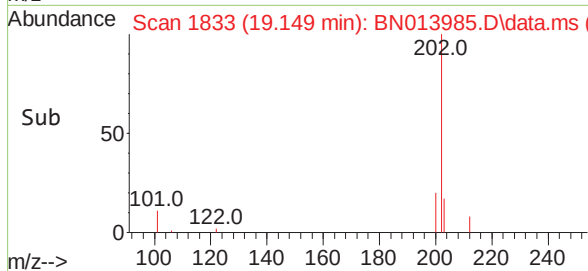
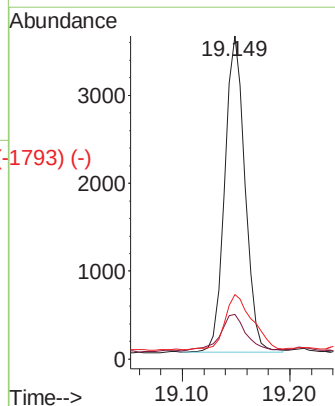
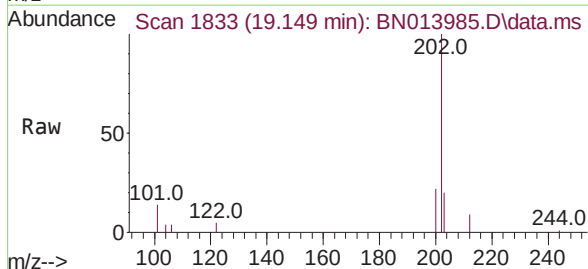


Abundance Scan 1841 (19.188 min): BN013740.D\data.ms (-1823) (-)

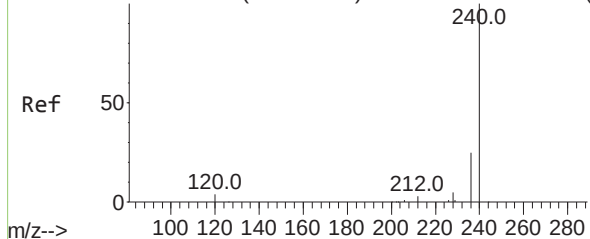


Fluoranthene
Concen: 0.05 ng
RT: 19.149 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:202 Resp: 4706
Ion Ratio Lower Upper
202 100
101 14.5 8.1 12.1#
203 23.0 13.9 20.9#



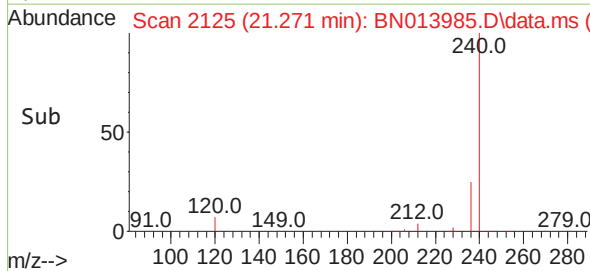
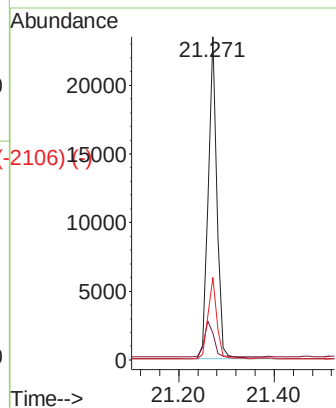
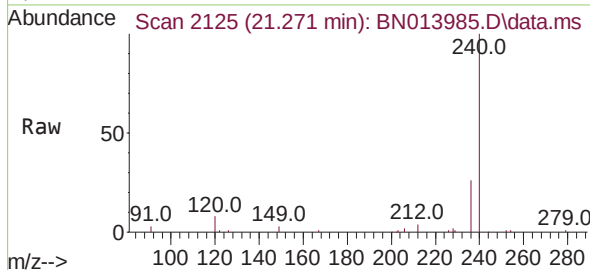
Abundance Scan 2129 (21.314 min): BN013740.D\data.ms (-240) (-)



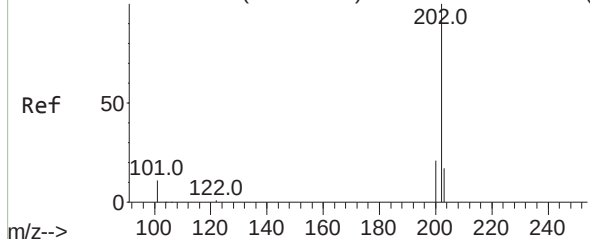
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:240 Resp: 29531
Ion Ratio Lower Upper
240 100
120 8.3 10.2 15.4#
236 25.6 21.3 31.9

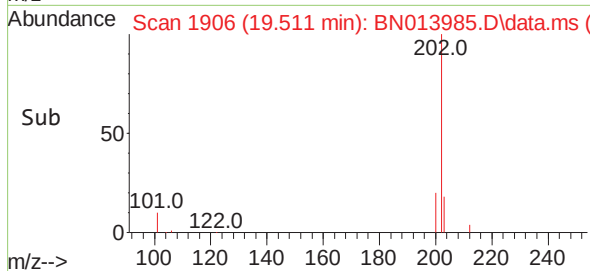
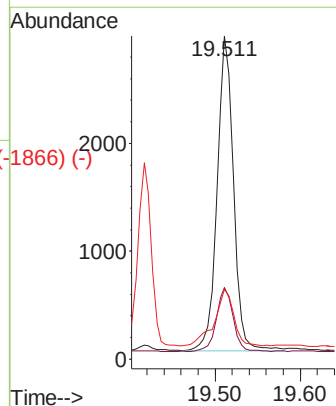
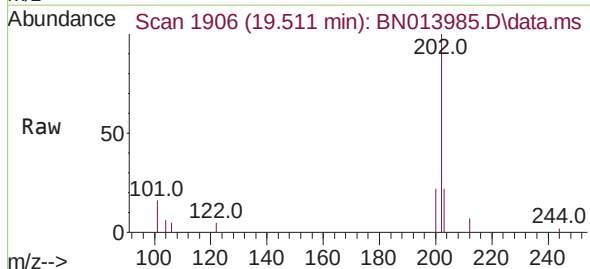


Abundance Scan 1914 (19.551 min): BN013740.D\data.ms (-202) (-)



Pyrene
Concen: 0.04 ng
RT: 19.511 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:202 Resp: 3902
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 21.2 14.0 21.0#



Abundance Scan 1957 (19.764 min): BN013740.D\data.ms (-1918) (-)

Terphenyl-d14

Concen: 0.63 ng

RT: 19.720 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BN013985.D

Acq: 18 Mar 2021 16:55

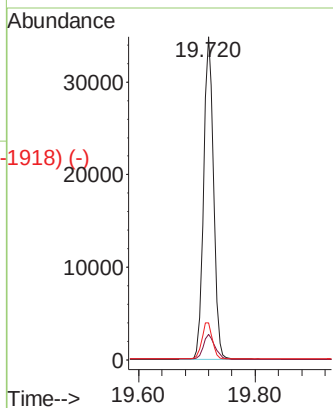
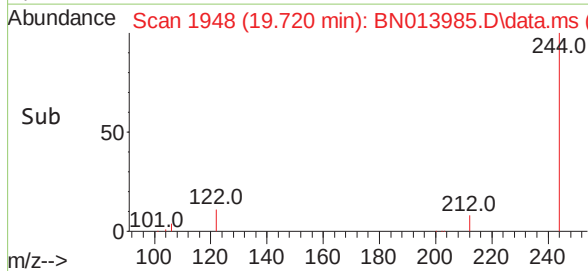
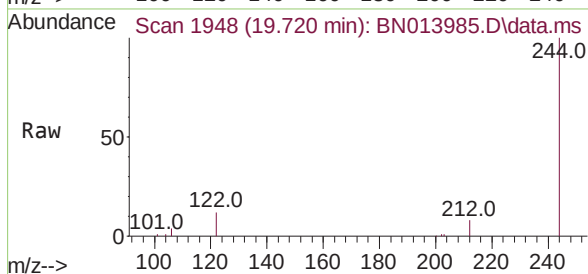
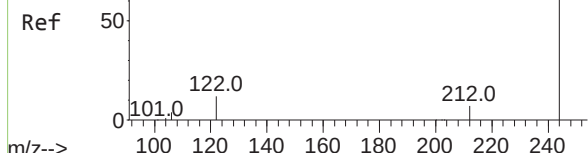
Tgt Ion:244 Resp: 41220

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

122 11.5 9.8 14.8



Abundance Scan 2127 (21.293 min): BN013740.D\data.ms (-2104) (-)

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.250 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BN013985.D

Acq: 18 Mar 2021 16:55

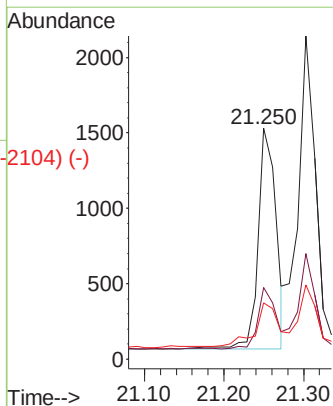
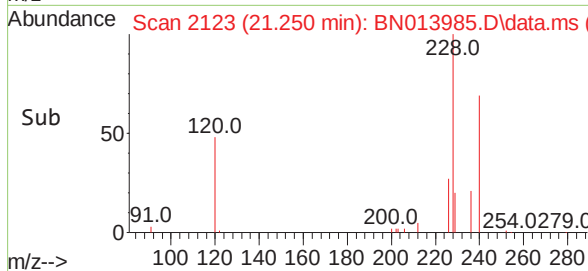
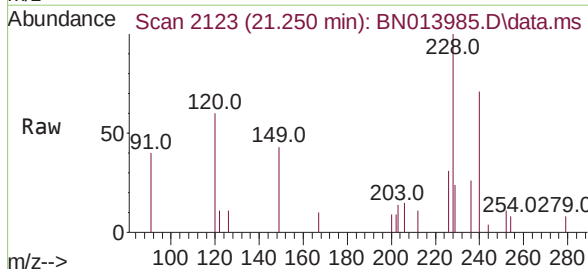
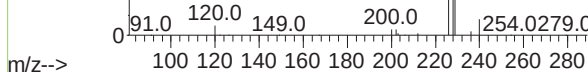
Tgt Ion:228 Resp: 2298

Ion Ratio Lower Upper

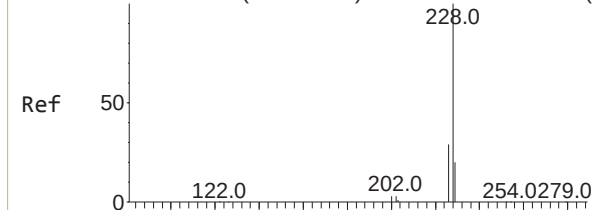
228 100

226 30.9 20.5 30.7#

229 24.4 16.2 24.4#



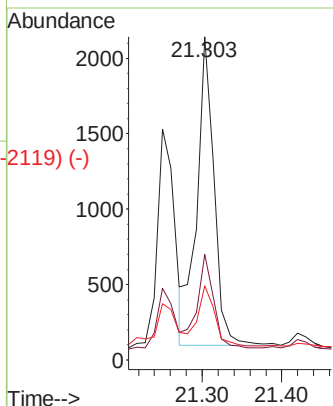
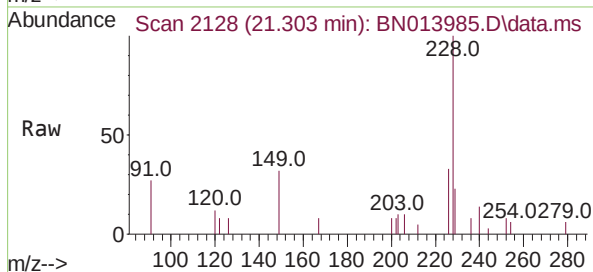
Abundance Scan 2132 (21.346 min): BN013740.D\data.ms (-2129) (-)



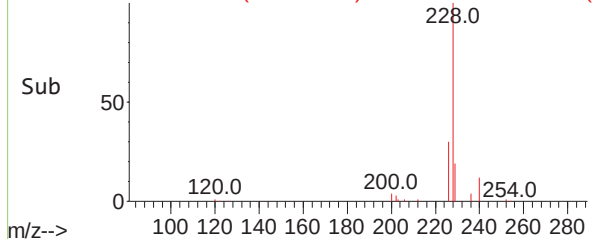
Chrysene
Concen: 0.03 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
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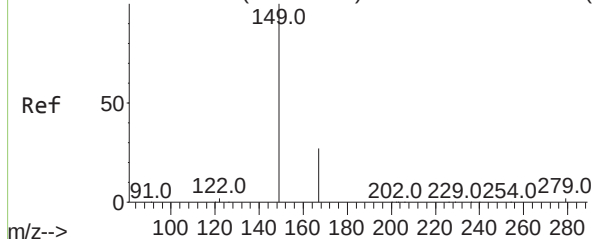
Tgt Ion:	228	Resp:	3080
Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.3	36.5
229	23.0	15.1	22.7#



Abundance Scan 2128 (21.303 min): BN013985.D\data.ms (-2119) (-)

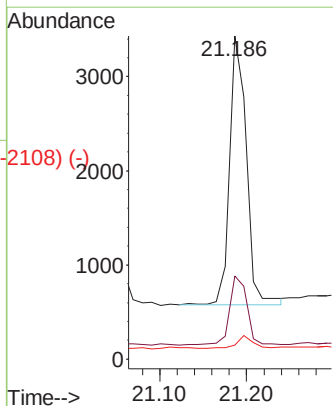
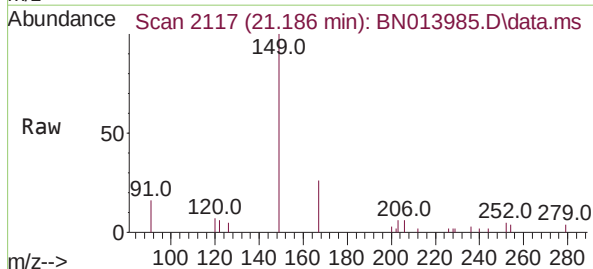


Abundance Scan 2123 (21.250 min): BN013740.D\data.ms (-2120) (-)

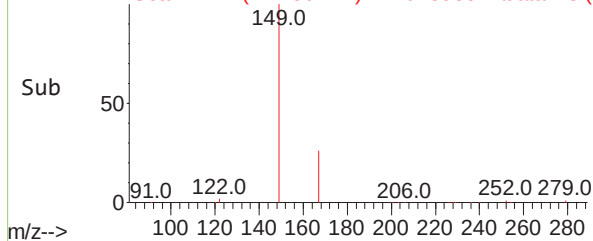


Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.186 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Tgt Ion:	149	Resp:	3840
Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.1	33.1
279	4.1	3.5	5.3



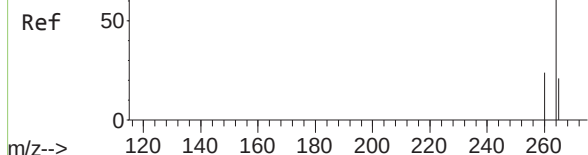
Abundance Scan 2117 (21.186 min): BN013985.D\data.ms (-2108) (-)



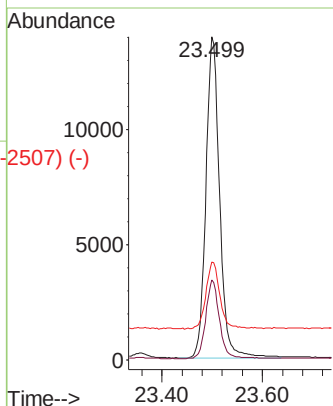
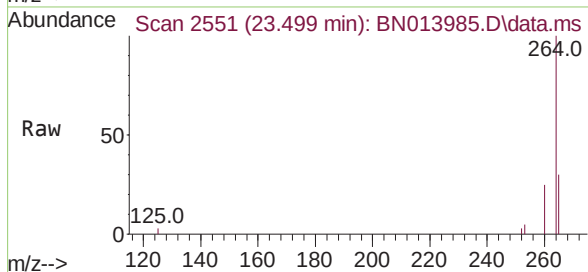
Abundance Scan 2568 (23.558 min): BN013740.D\data.ms (-2507) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.499 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

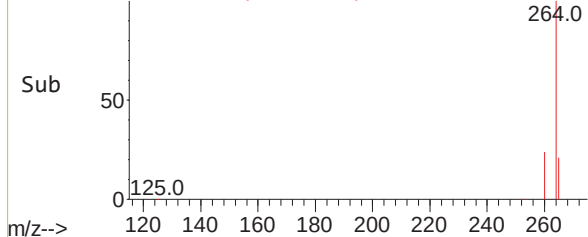
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	264	Resp:	26542
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	30.3	66.2	99.4#



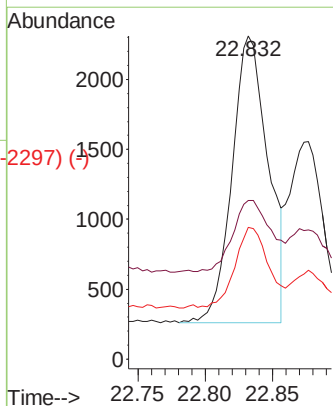
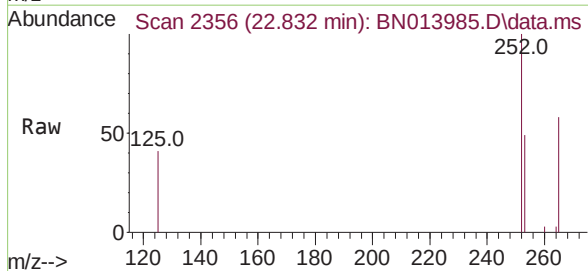
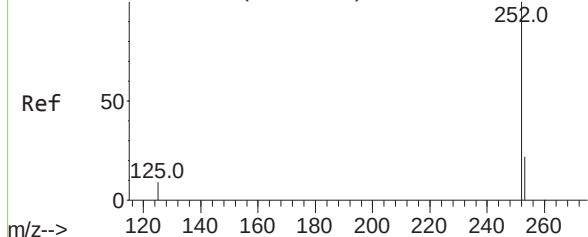
Abundance Scan 2551 (23.499 min): BN013985.D\data.ms (-2507) (-)



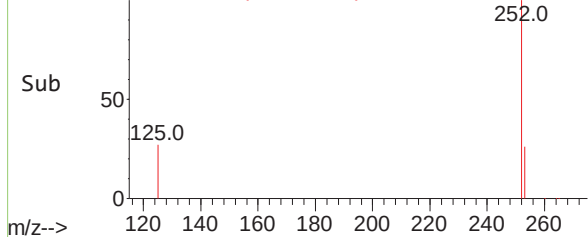
Abundance Scan 2371 (22.883 min): BN013740.D\data.ms (-2507) (-)

Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.832 min Scan# 2356
Delta R.T. 0.003 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

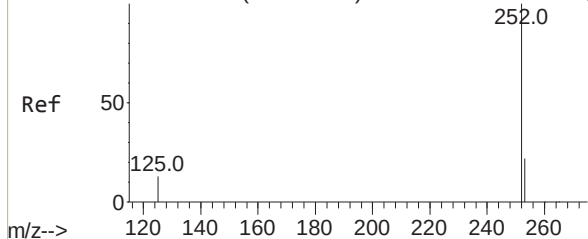
Tgt Ion:	252	Resp:	3817
Ion	Ratio	Lower	Upper
252	100		
253	49.2	20.4	30.6#
125	40.8	11.6	17.4#



Abundance Scan 2356 (22.832 min): BN013985.D\data.ms (-2297) (-)



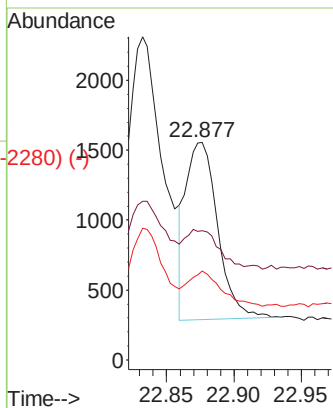
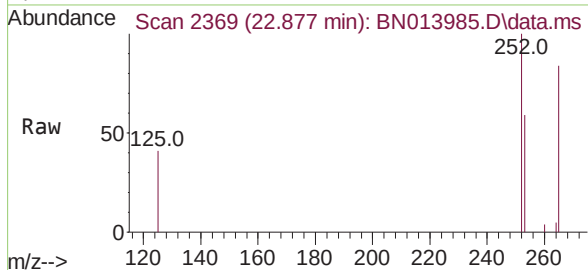
Abundance Scan 2384 (22.928 min): BN013740.D\data.ms (-2384) (-)



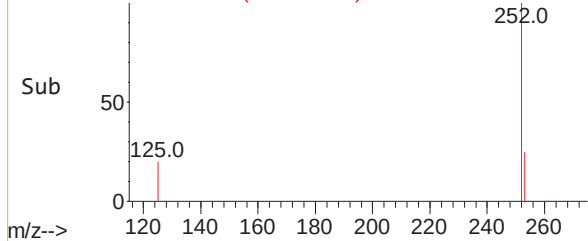
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.877 min Scan# 2369
Delta R.T. 0.003 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721

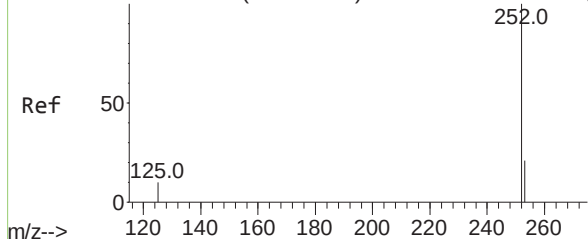
Tgt Ion:252 Resp: 2072
Ion Ratio Lower Upper
252 100
253 59.3 20.5 30.7#
125 40.8 12.3 18.5#



Abundance Scan 2369 (22.877 min): BN013985.D\data.ms (-2280) (-)

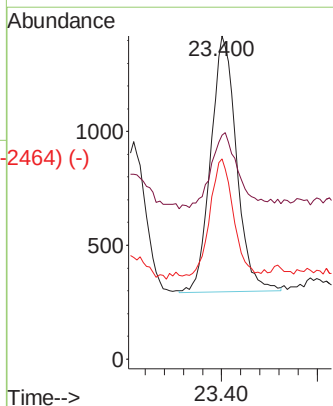
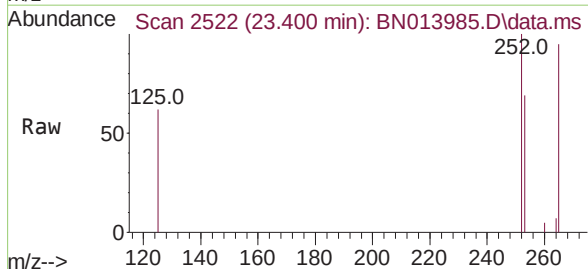


Abundance Scan 2539 (23.458 min): BN013740.D\data.ms (-2539) (-)

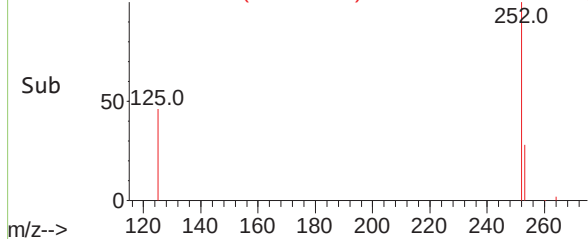


Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.400 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

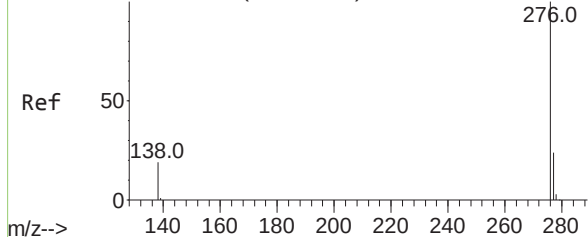
Tgt Ion:252 Resp: 2110
Ion Ratio Lower Upper
252 100
253 69.2 21.8 32.6#
125 62.0 14.6 21.8#



Abundance Scan 2522 (23.400 min): BN013985.D\data.ms (-2464) (-)



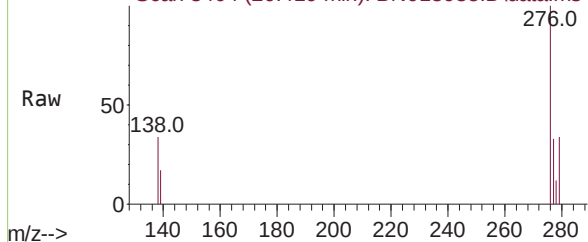
Abundance Scan 3434 (26.522 min): BN013740.D\data.ms (-3441) (-)



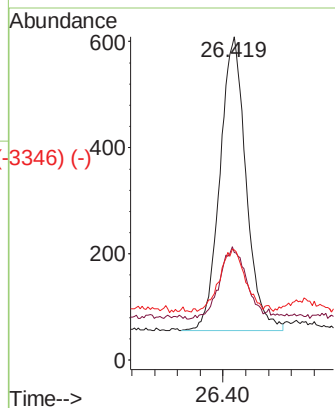
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.419 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BN013985.D
Acq: 18 Mar 2021 16:55

Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721

Abundance Scan 3404 (26.419 min): BN013985.D\data.ms



Tgt Ion:	276	Resp:	1740
Ion	Ratio	Lower	Upper
276	100		
277	33.3	20.0	30.0#
138	34.2	17.8	26.8#



Abundance Scan 3404 (26.419 min): BN013985.D\data.ms (-3346) (-)

