

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013766.D
 Acq On : 25 Feb 2021 13:47
 Operator : CG/JU
 Sample : M1473-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-132-149-022321

Quant Time: Feb 25 14:17:48 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)

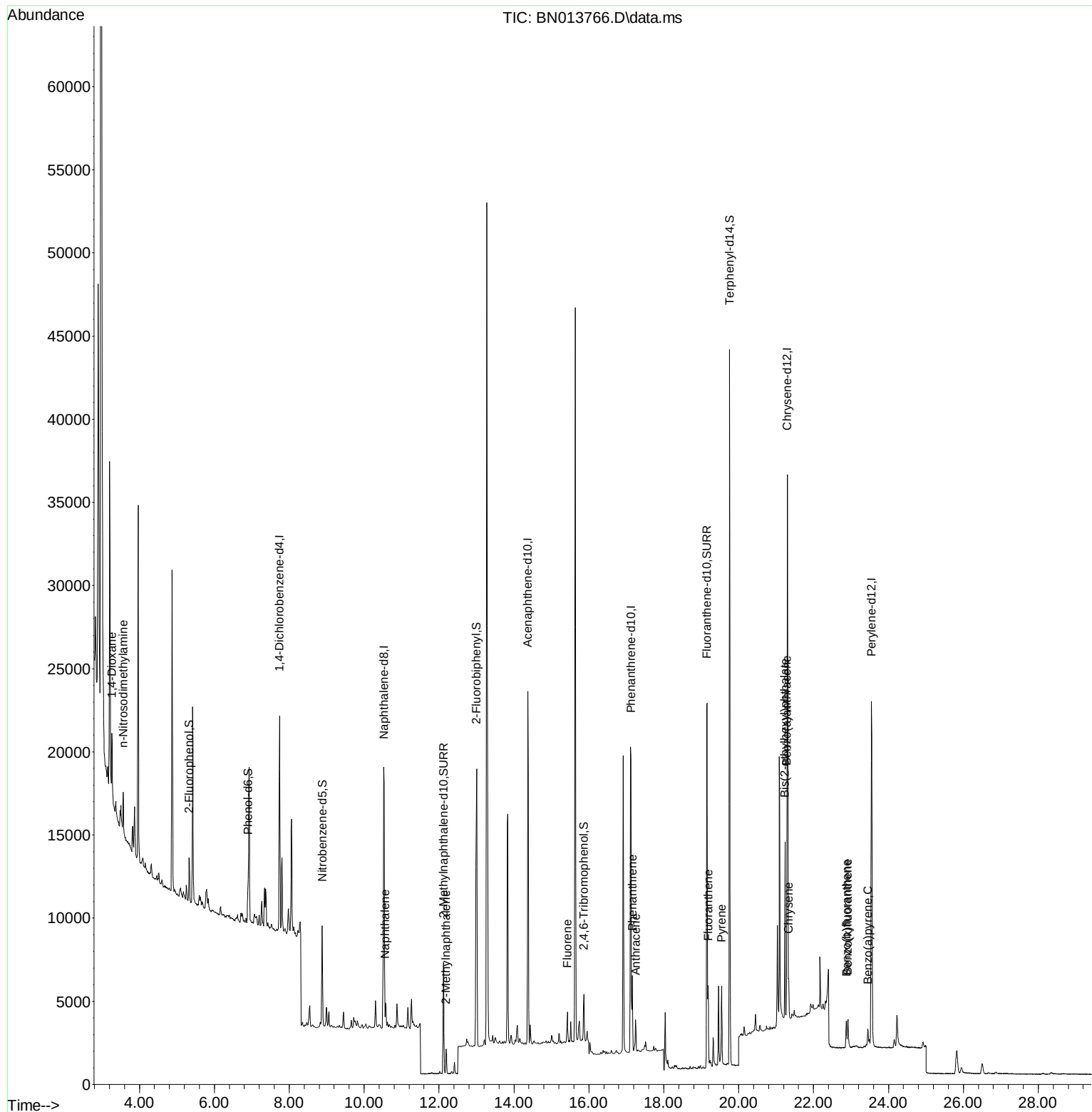
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5692	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	22319	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	12993	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	28027	0.40	ng	# 0.00
29) Chrysene-d12	21.300	240	28284	0.40	ng	0.00
36) Perylene-d12	23.548	264	27480	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	2035	0.13	ng	0.00
5) Phenol-d6	6.903	99	1638	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	4555	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	8907	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	2292	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	13786	0.30	ng	0.00
27) Fluoranthene-d10	19.156	212	24329	0.29	ng	0.00
31) Terphenyl-d14	19.756	244	41360	0.66	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.271	88	2402	0.35	ng	# 62
3) n-Nitrosodimethylamine	3.569	42	368	0.07	ng	# 1
9) Naphthalene	10.568	128	1763	0.03	ng	# 82
12) 2-Methylnaphthalene	12.191	142	1007	0.03	ng	# 89
18) Fluorene	15.425	166	1186	0.03	ng	# 91
25) Phenanthrene	17.164	178	4587	0.06	ng	100
26) Anthracene	17.250	178	1979	0.03	ng	97
28) Fluoranthene	19.186	202	4187	0.05	ng	# 95
30) Pyrene	19.543	202	4132	0.05	ng	97
32) Benzo(a)anthracene	21.290	228	2318	0.03	ng	92
33) Chrysene	21.332	228	2187	0.03	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.237	149	8603	0.21	ng	99
37) Benzo(b)fluoranthene	22.874	252	2016	0.02	ng	# 59
38) Benzo(k)fluoranthene	22.918	252	1714	0.02	ng	# 30
39) Benzo(a)pyrene	23.452	252	1603	0.02	ng	# 49

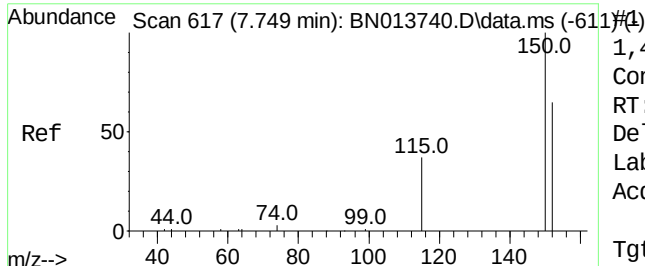
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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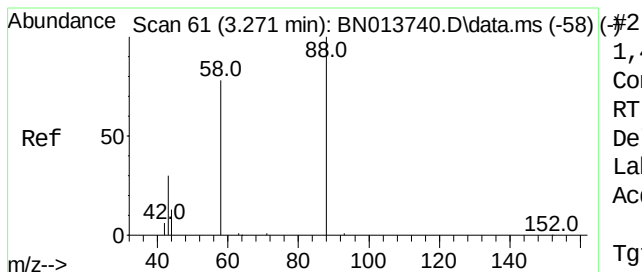
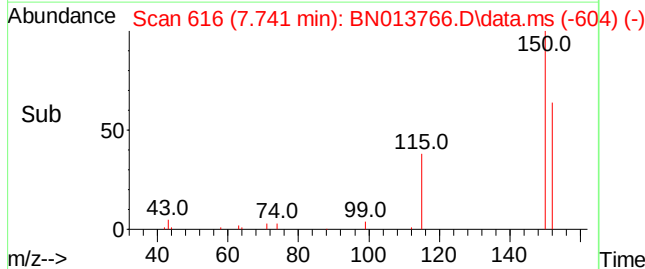
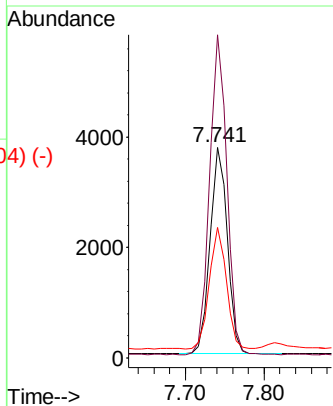
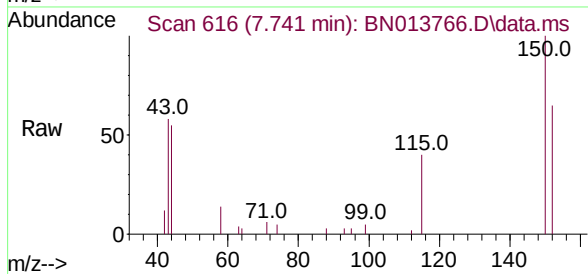




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.741 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: BN013766.D
 Acq: 25 Feb 2021 13:47

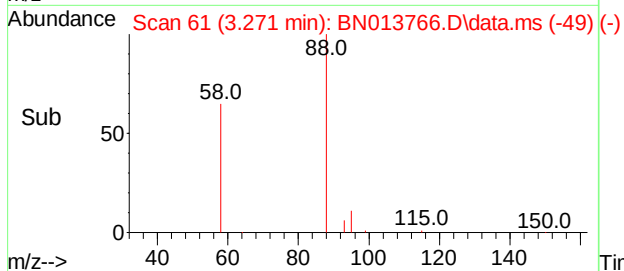
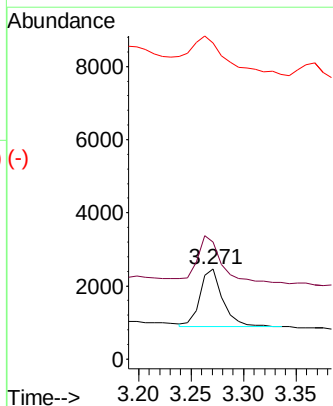
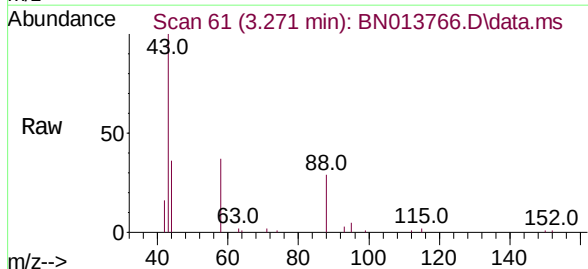
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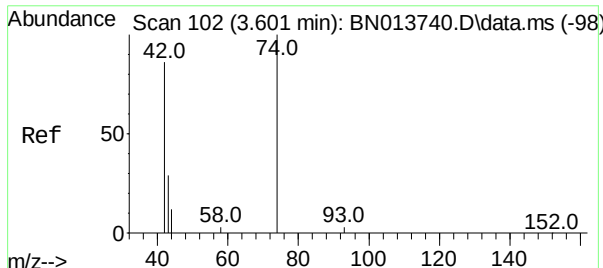
Tgt Ion:	152	Resp:	5692
Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.8	182.8
115	61.9	46.6	69.8



1,4-Dioxane
 Concen: 0.35 ng
 RT: 3.271 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN013766.D
 Acq: 25 Feb 2021 13:47

Tgt Ion:	88	Resp:	2402
Ion	Ratio	Lower	Upper
88	100		
58	81.0	64.6	96.8
43	107.0	26.6	40.0#

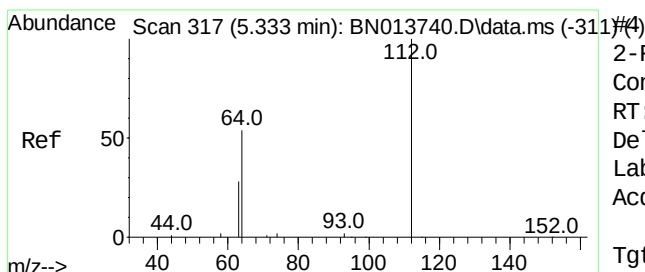
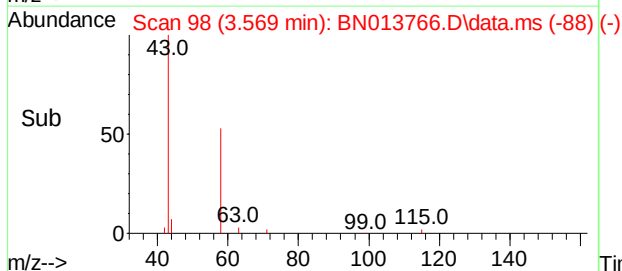
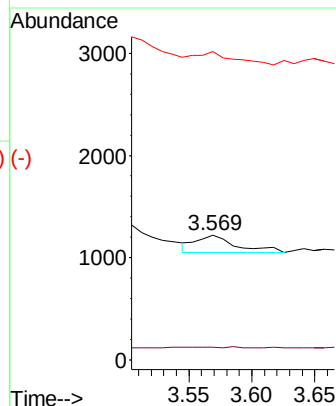
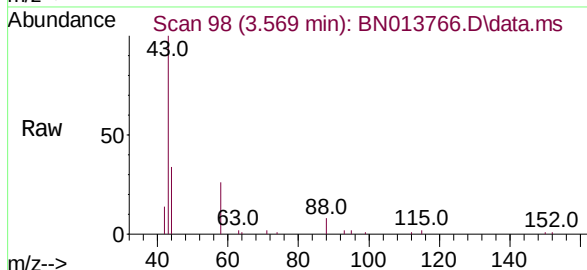




n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.569 min Scan# 98
Delta R.T. -0.016 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

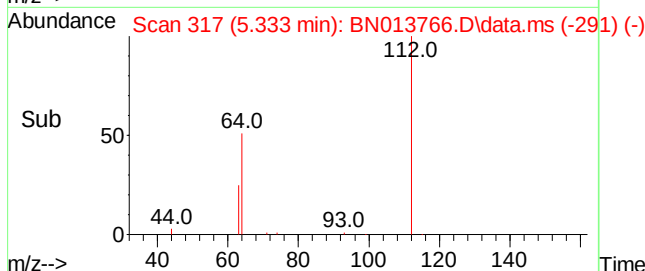
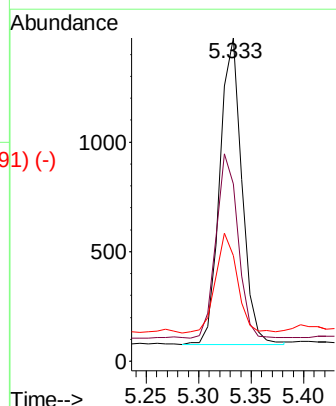
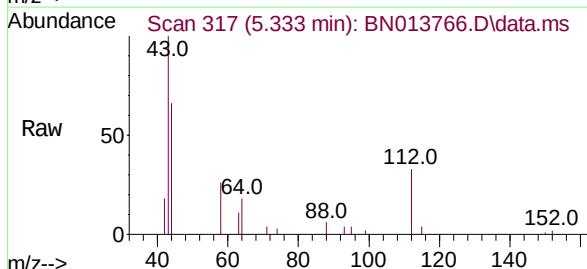
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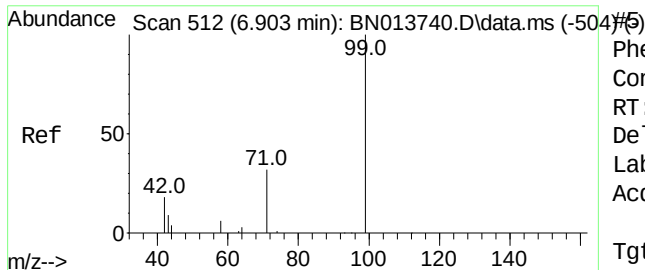
Tgt Ion:	42	Resp:	368
Ion	Ratio	Lower	Upper
42	100		
74	1.6	95.0	142.6#
44	60.9	5.8	8.8#



2-Fluorophenol
Concen: 0.13 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Tgt Ion:	112	Resp:	2035
Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.3	66.5
63	32.2	23.0	34.6

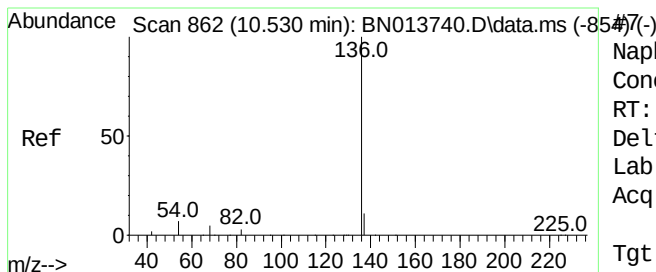
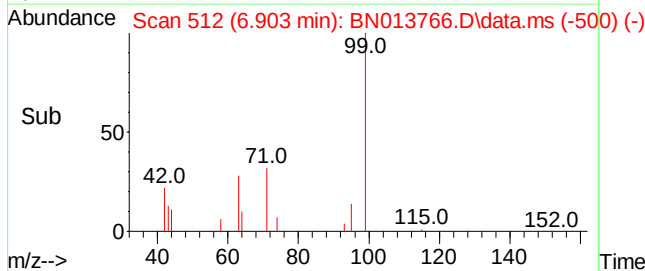
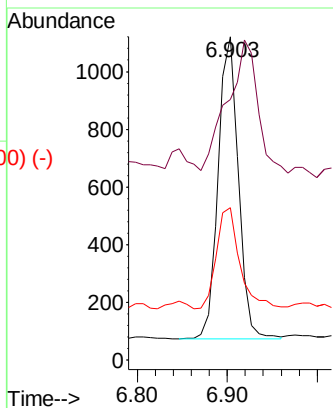
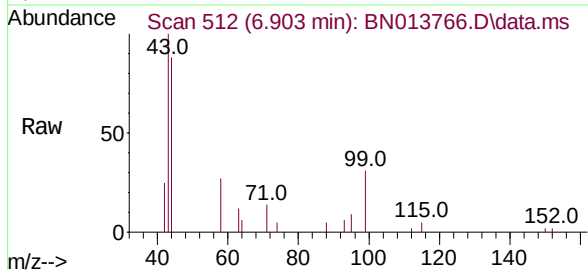




Phenol-d6
 Concen: 0.08 ng
 RT: 6.903 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BN013766.D
 Acq: 25 Feb 2021 13:47

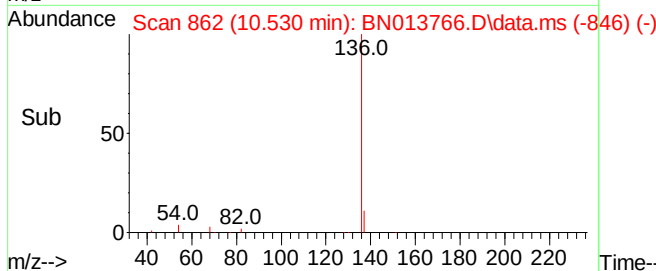
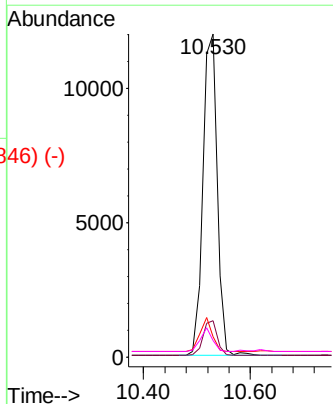
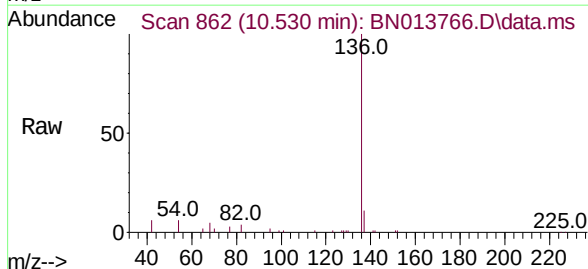
Instrument :
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 GWBR1-132-149-022321

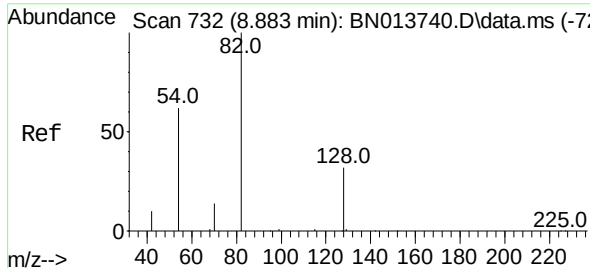
Tgt Ion:	99	Resp:	1638
Ion	Ratio	Lower	Upper
99	100		
42	66.4	15.2	22.8#
71	38.4	26.1	39.1



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.530 min Scan# 862
 Delta R.T. -0.000 min
 Lab File: BN013766.D
 Acq: 25 Feb 2021 13:47

Tgt Ion:	136	Resp:	22319
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.2	6.4	9.6#
68	5.1	4.5	6.7

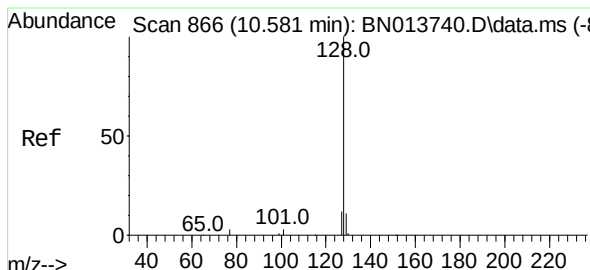
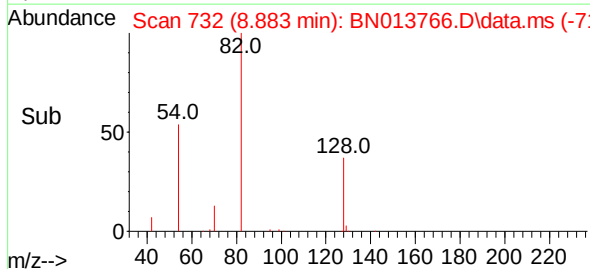
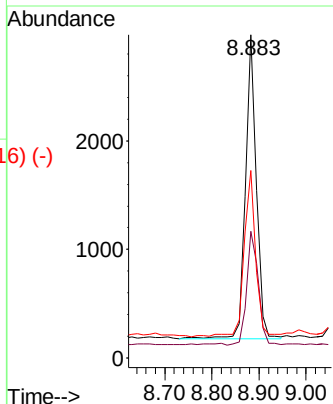
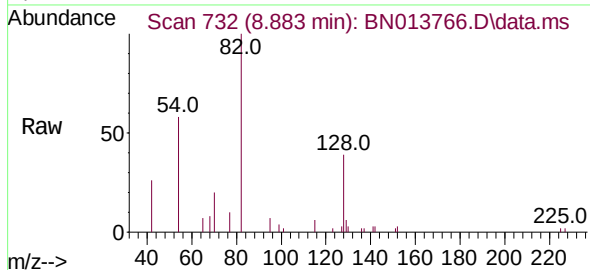




Nitrobenzene-d5
 Concen: 0.32 ng
 RT: 8.883 min Scan# 732
 Delta R.T. -0.000 min
 Lab File: BN013766.D
 Acq: 25 Feb 2021 13:47

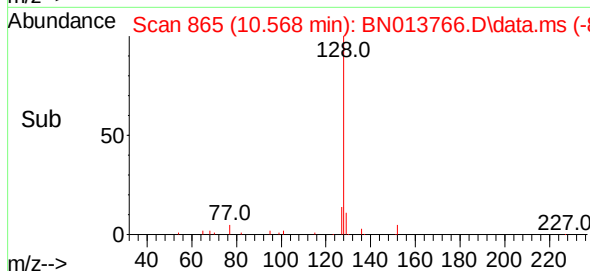
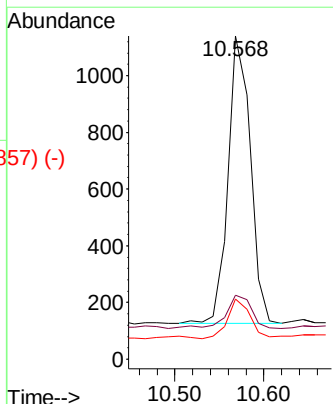
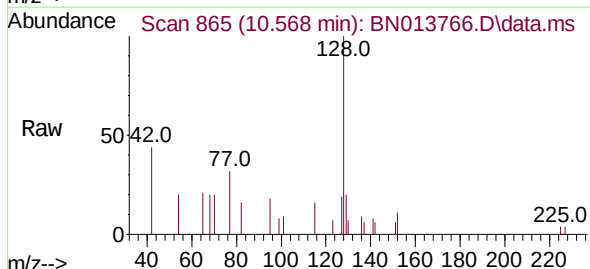
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-132-149-022321

Tgt Ion:	82	Resp:	4555
Ion	Ratio	Lower	Upper
82	100		
128	39.3	39.2	58.8
54	58.0	40.1	60.1

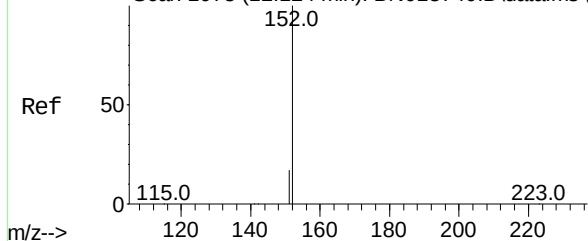


Naphthalene
 Concen: 0.03 ng
 RT: 10.568 min Scan# 865
 Delta R.T. -0.000 min
 Lab File: BN013766.D
 Acq: 25 Feb 2021 13:47

Tgt Ion:	128	Resp:	1763
Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.0	13.4#
127	18.7	10.4	15.6#



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

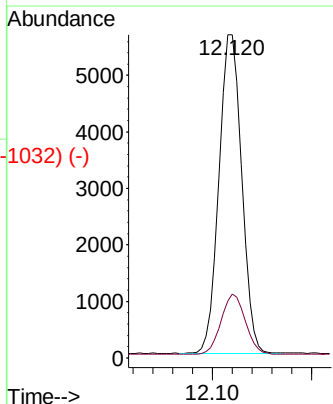
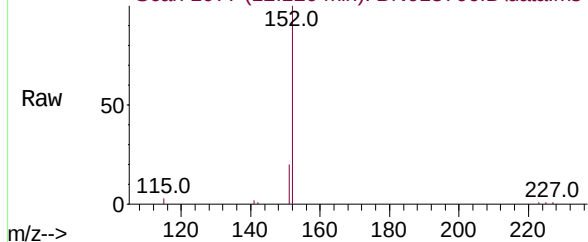


2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

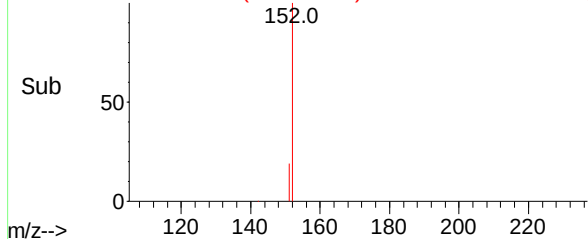
Tgt Ion:152 Resp: 8907
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

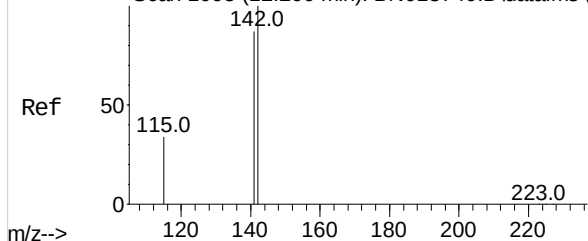
Abundance Scan 1077 (12.120 min): BN013766.D\data.ms



Abundance Scan 1077 (12.120 min): BN013766.D\data.ms (-1032) (-)



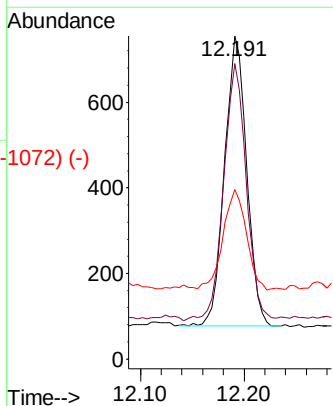
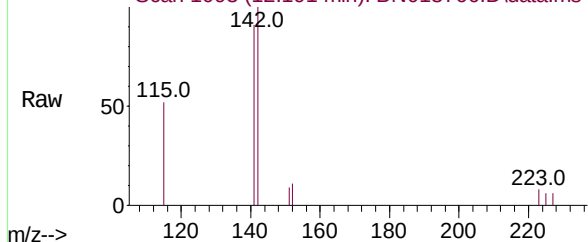
Abundance Scan 1095 (12.200 min): BN013740.D\data.ms (-1095) (-)



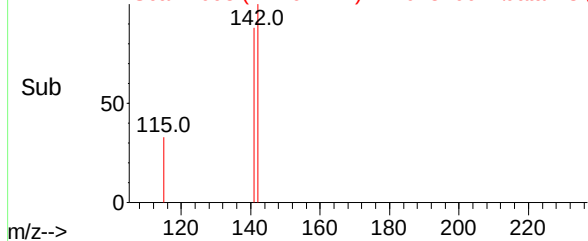
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.191 min Scan# 1093
Delta R.T. -0.005 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Tgt Ion:142 Resp: 1007
Ion Ratio Lower Upper
142 100
141 91.4 70.5 105.7
115 52.5 27.4 41.0#

Abundance Scan 1093 (12.191 min): BN013766.D\data.ms



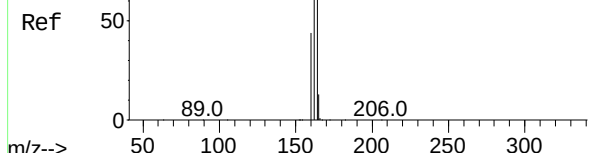
Abundance Scan 1093 (12.191 min): BN013766.D\data.ms (-1072) (-)



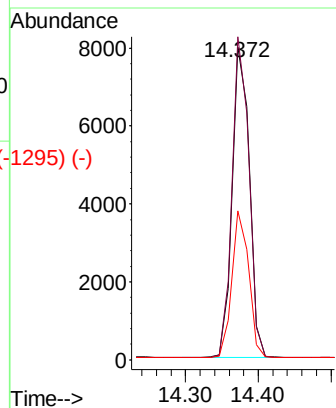
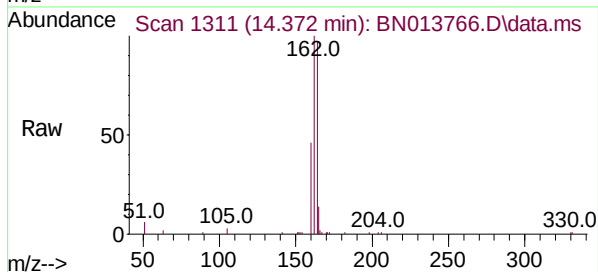
Abundance Scan 1312 (14.384 min): BN013740.D\data.ms (-1295) (-)

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

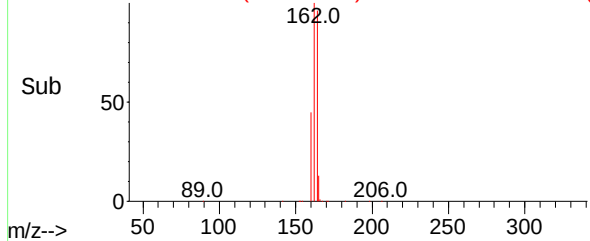
Instrument :
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Tgt Ion:	164	Resp:	12993
Ion Ratio	Lower	Upper	
164	100		
162	103.2	79.6	119.4
160	47.6	36.0	54.0



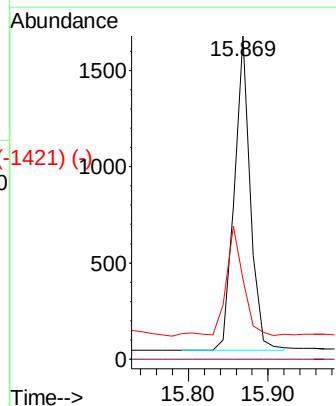
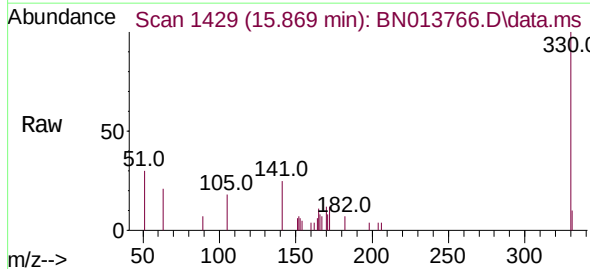
Abundance Scan 1311 (14.372 min): BN013766.D\data.ms (-1295) (-)



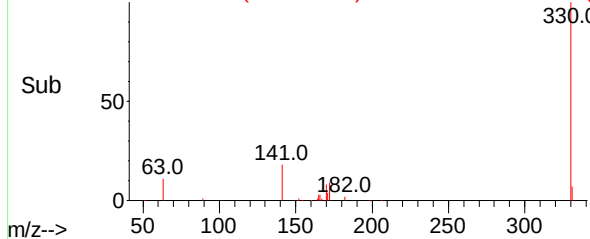
Abundance Scan 1429 (15.869 min): BN013740.D\data.ms (-1421) (-)

2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Tgt Ion:	330	Resp:	2292
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	36.8	26.8	40.2



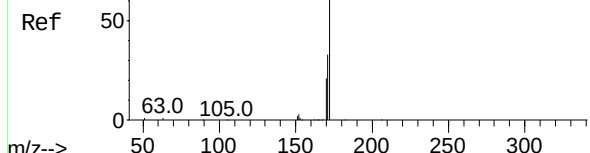
Abundance Scan 1429 (15.869 min): BN013766.D\data.ms (-1421) (-)



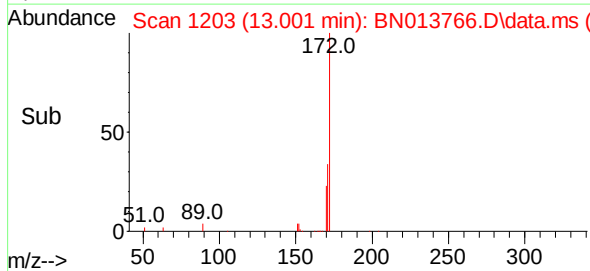
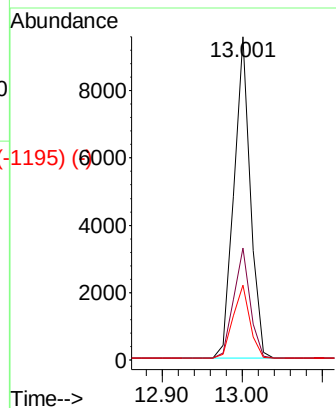
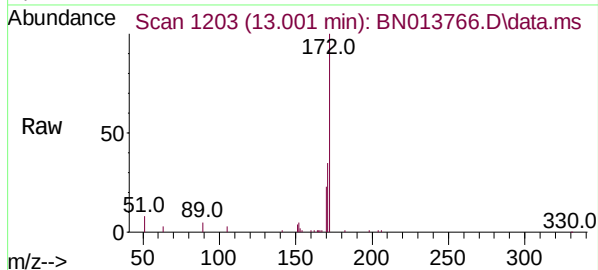
Abundance Scan 1204 (13.014 min): BN013740.D\data.ms (-1195) (-)

2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Instrument :
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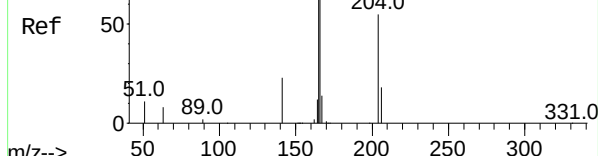


Tgt Ion:	172	Resp:	13786
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	23.2	18.9	28.3

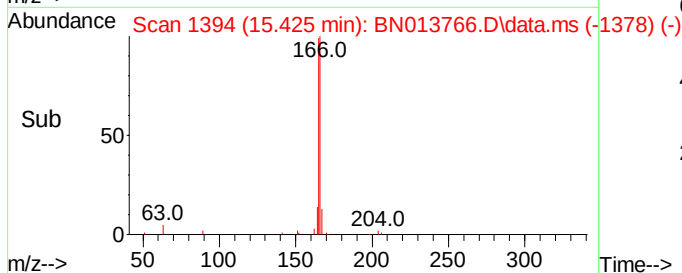
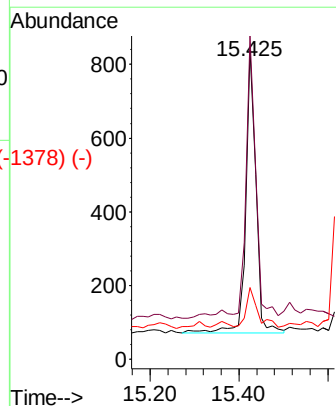
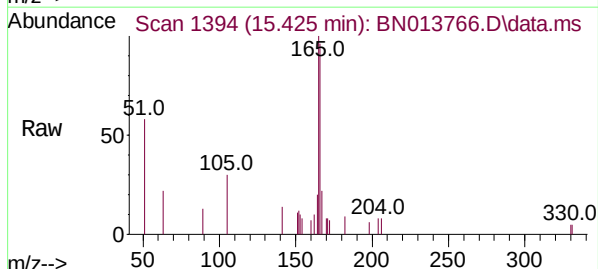


Abundance Scan 1395 (15.437 min): BN013740.D\data.ms (-1395) (-)

Fluorene
Concen: 0.03 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47



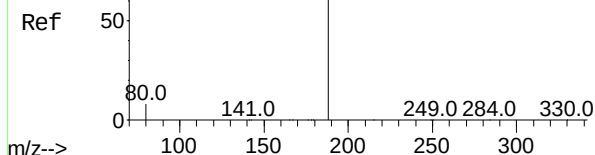
Tgt Ion:	166	Resp:	1186
Ion	Ratio	Lower	Upper
166	100		
165	92.1	77.8	116.8
167	0.0	10.6	16.0#



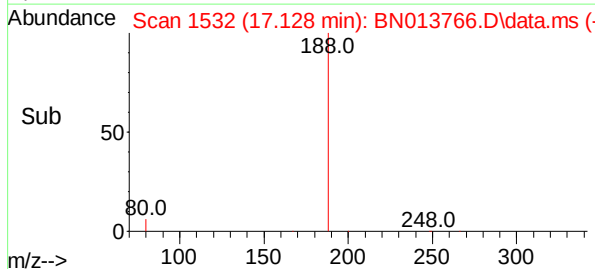
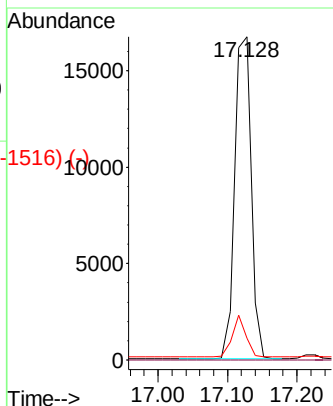
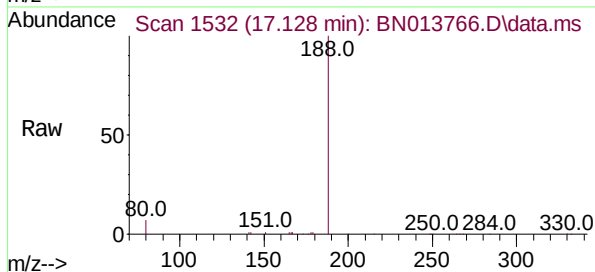
Abundance Scan 1532 (17.128 min): BN013740.D\data.ms (-1516) (-)

Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321



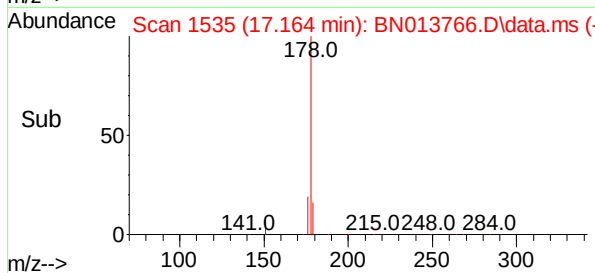
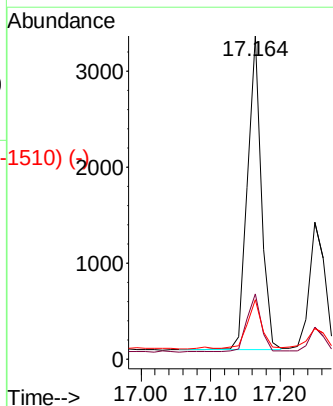
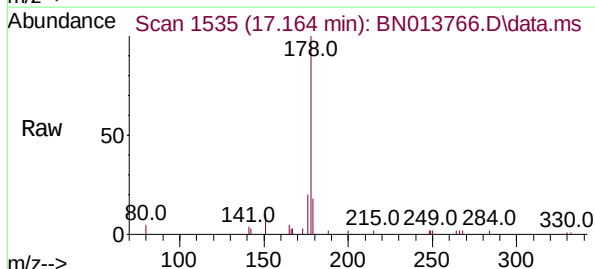
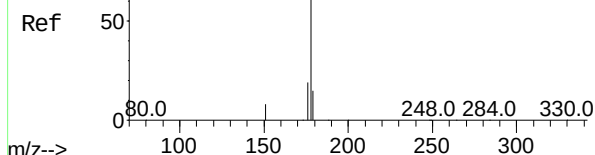
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	9.0	13.6#

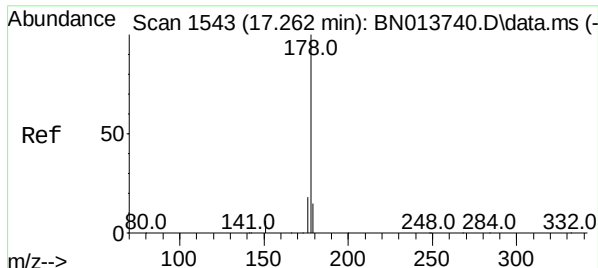


Abundance Scan 1535 (17.165 min): BN013740.D\data.ms (-1525) (-)

Phenanthrene
Concen: 0.06 ng
RT: 17.164 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.3	18.5

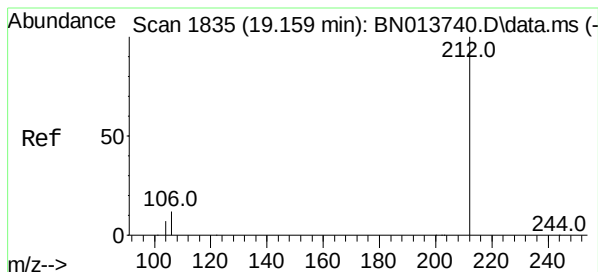
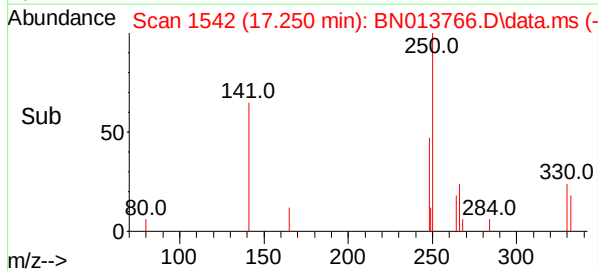
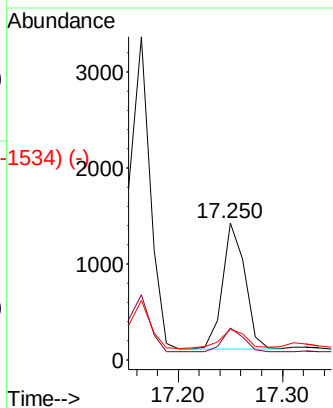
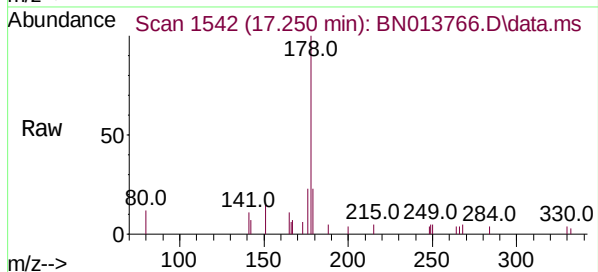




Anthracene
Concen: 0.03 ng
RT: 17.250 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

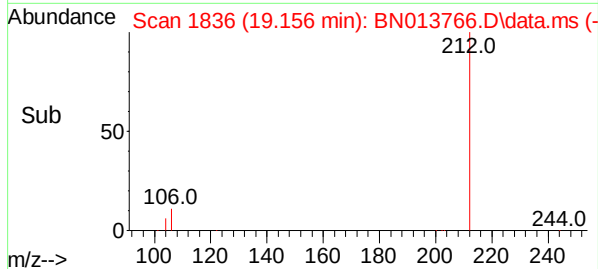
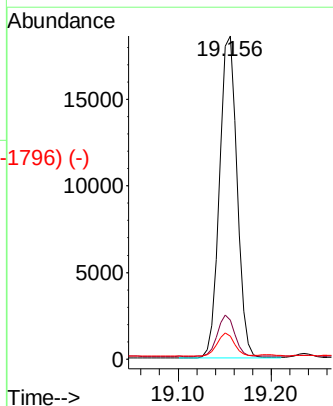
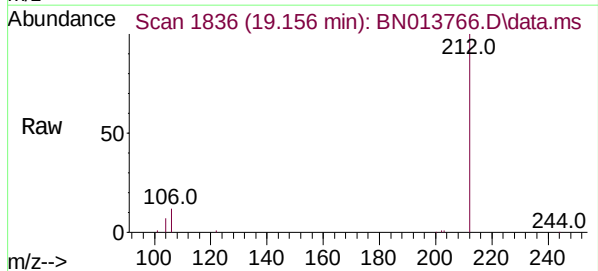
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

Tgt Ion:	178	Resp:	1979
Ion Ratio	Lower	Upper	
178	100		
176	18.3	14.6	21.8
179	18.0	12.2	18.2

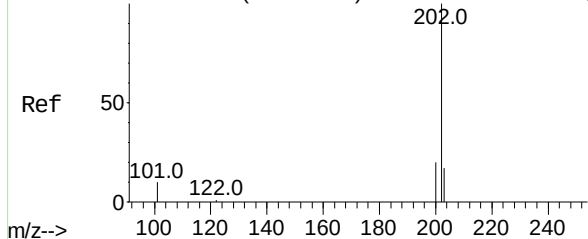


Fluoranthene-d10
Concen: 0.29 ng
RT: 19.156 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Tgt Ion:	212	Resp:	24329
Ion Ratio	Lower	Upper	
212	100		
106	12.7	9.7	14.5
104	7.1	5.5	8.3



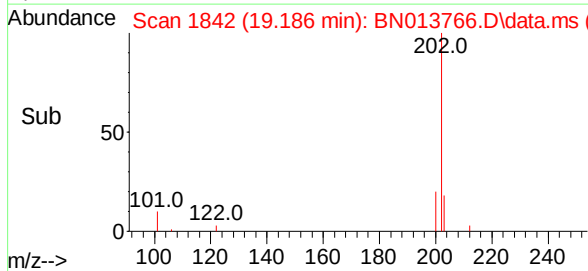
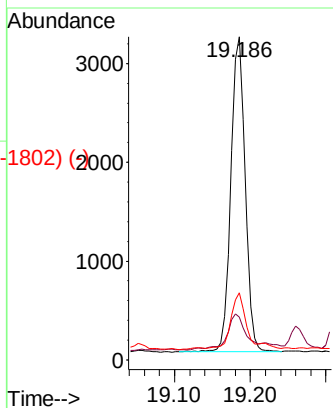
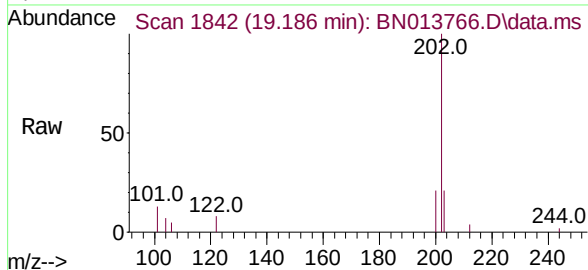
Abundance Scan 1841 (19.188 min): BN013740.D\data.ms (-1829) (-)



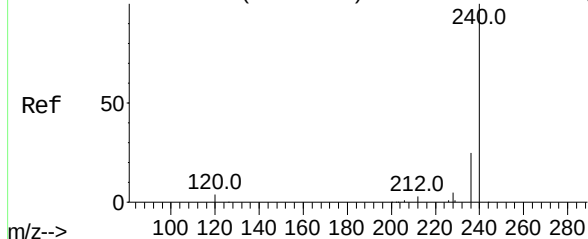
Fluoranthene
Concen: 0.05 ng
RT: 19.186 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

Tgt Ion:202 Resp: 4187
Ion Ratio Lower Upper
202 100
101 15.0 8.1 12.1#
203 17.6 13.9 20.9

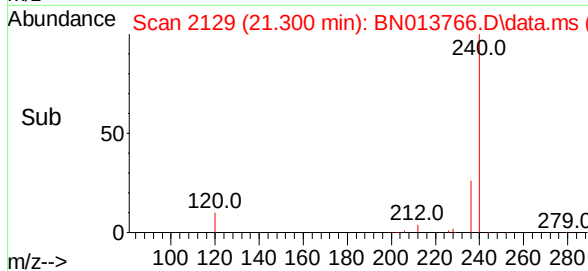
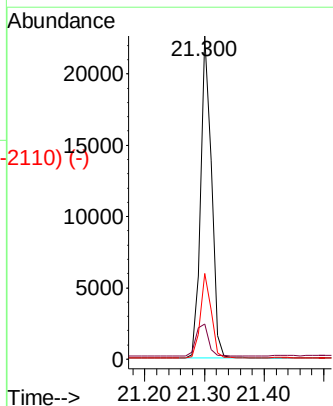
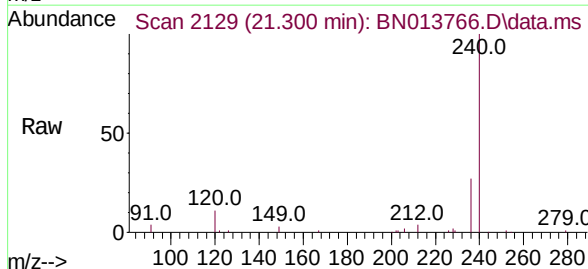


Abundance Scan 2129 (21.314 min): BN013740.D\data.ms (-2129) (-)

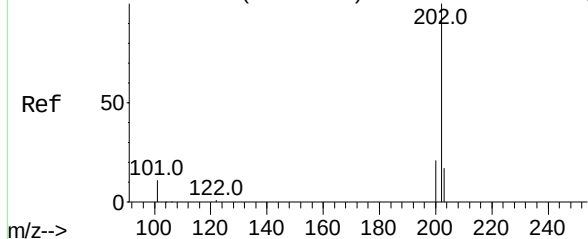


Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Tgt Ion:240 Resp: 28284
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 26.6 21.3 31.9



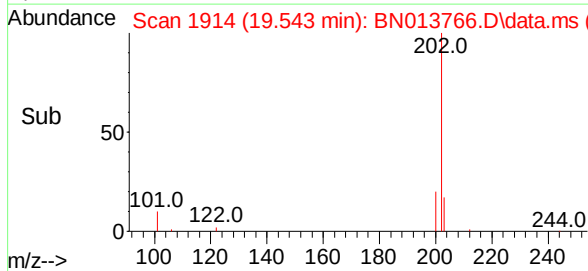
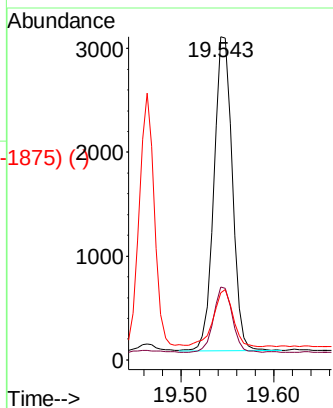
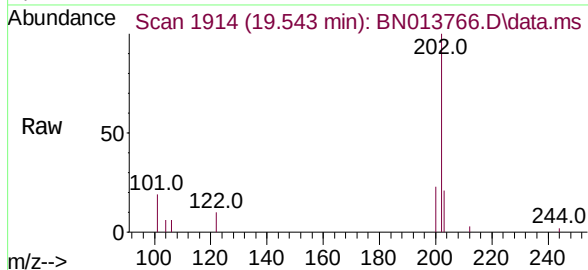
Abundance Scan 1914 (19.551 min): BN013740.D\data.ms (-1930) (-)



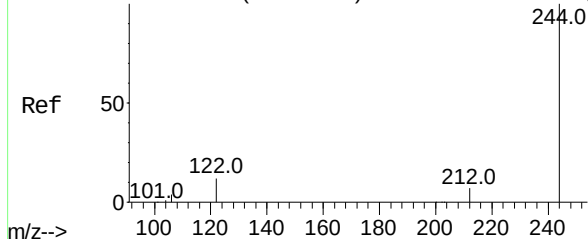
Pyrene
Concen: 0.05 ng
RT: 19.543 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

Tgt Ion:	202	Resp:	4132
Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.3	24.5
203	19.7	14.0	21.0

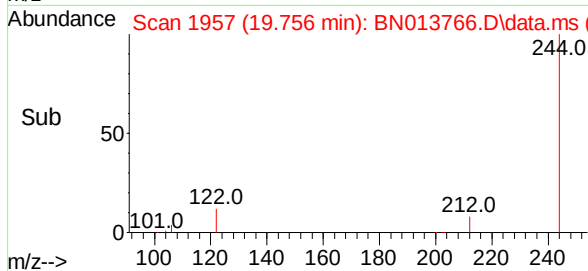
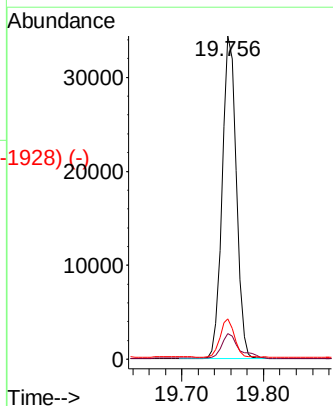
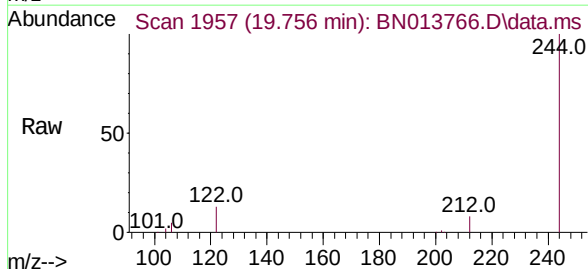


Abundance Scan 1957 (19.764 min): BN013740.D\data.ms (-1930) (-)

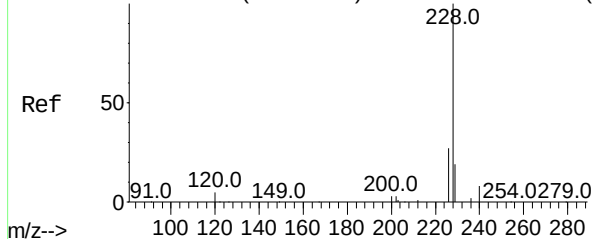


Terphenyl-d14
Concen: 0.66 ng
RT: 19.756 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Tgt Ion:	244	Resp:	41360
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	12.5	9.8	14.8



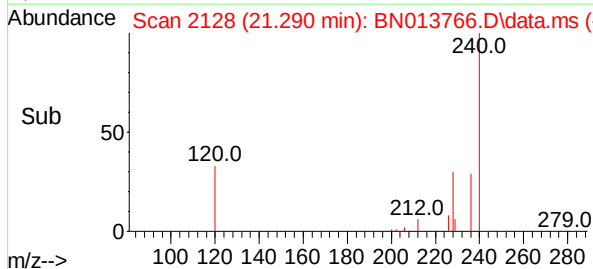
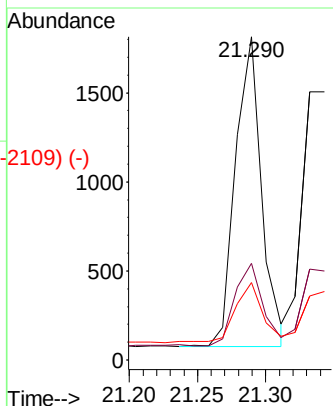
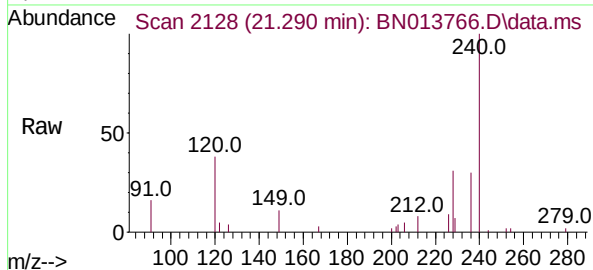
Abundance Scan 2127 (21.293 min): BN013740.D\data.ms (-2127) (-)



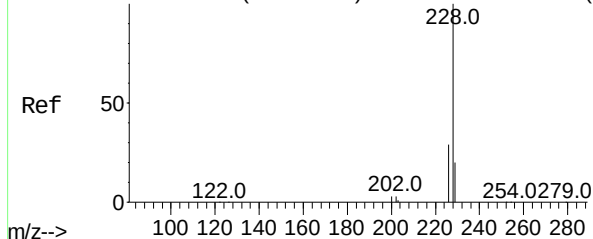
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.290 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	20.5	30.7
229	24.0	16.2	24.4

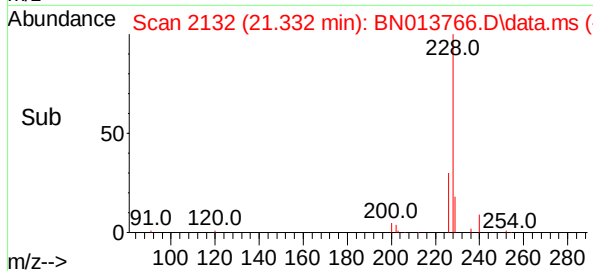
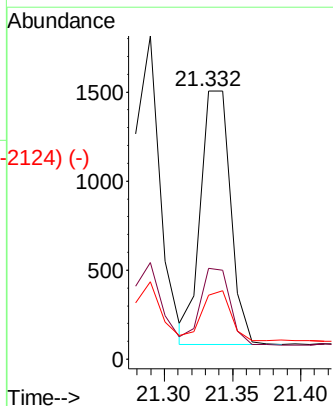
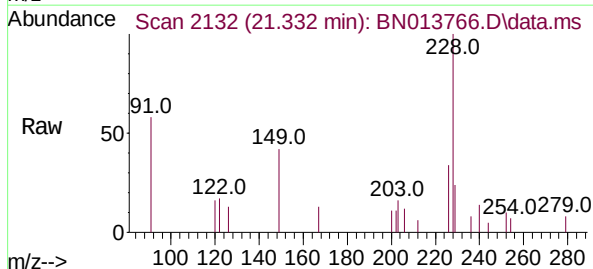


Abundance Scan 2132 (21.346 min): BN013740.D\data.ms (-2132) (-)



Chrysene
Concen: 0.03 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

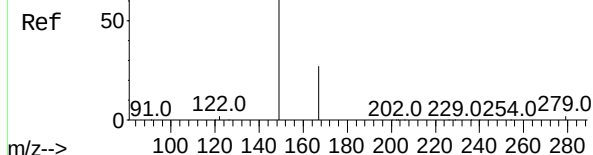
Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.3	36.5
229	23.8	15.1	22.7#



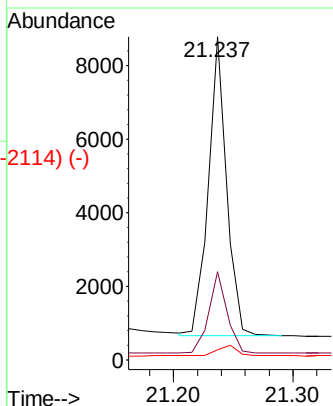
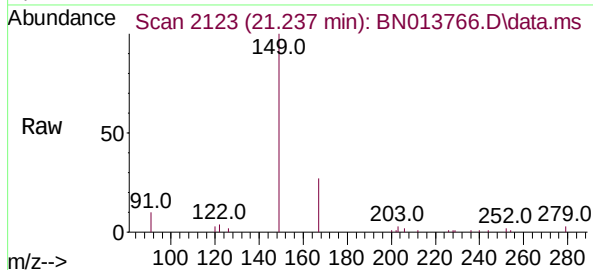
Abundance Scan 2123 (21.250 min): BN013740.D\data.ms (-2124) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

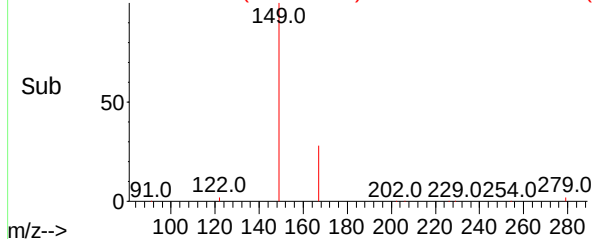
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321



Tgt Ion:	149	Resp:	8603
Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	4.4	3.5	5.3



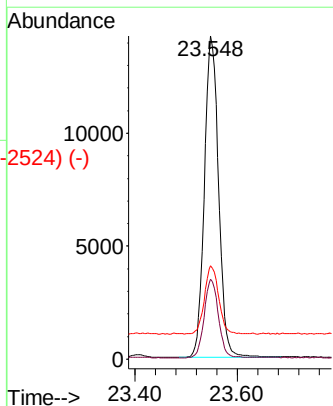
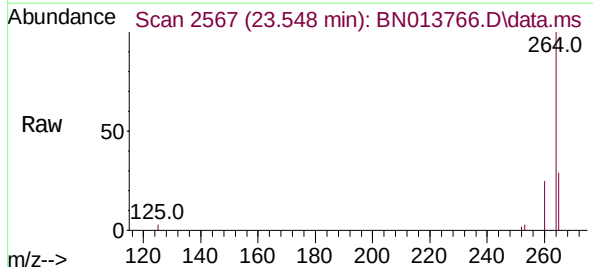
Abundance Scan 2123 (21.237 min): BN013766.D\data.ms (-2114) (-)



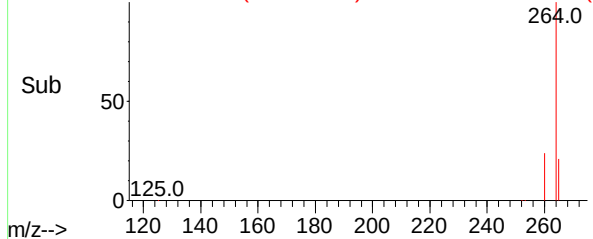
Abundance Scan 2568 (23.558 min): BN013740.D\data.ms (-2530) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.548 min Scan# 2567
Delta R.T. -0.003 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Tgt Ion:	264	Resp:	27480
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	28.9	66.2	99.4#



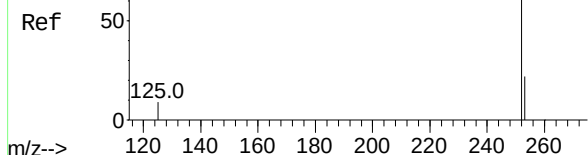
Abundance Scan 2567 (23.548 min): BN013766.D\data.ms (-2524) (-)



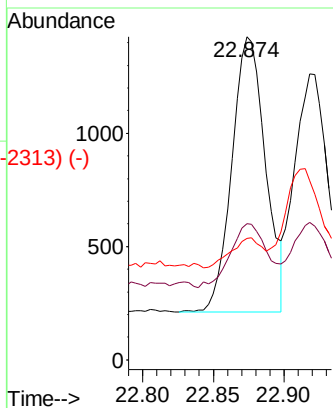
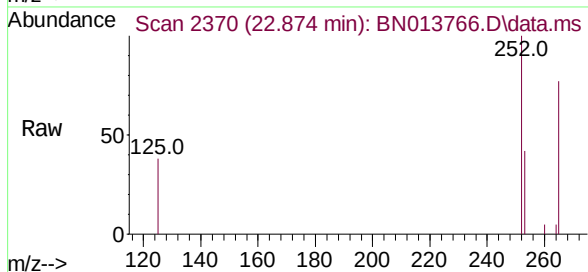
Abundance Scan 2371 (22.883 min): BN013740.D\data.ms (-2371) (-)

Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.874 min Scan# 2370
Delta R.T. -0.003 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

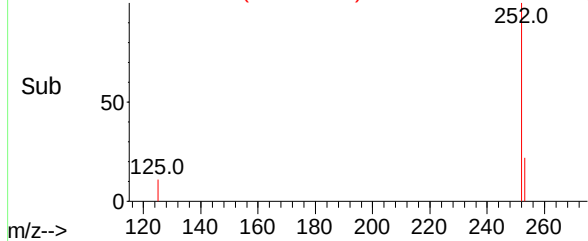
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321



Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.1	20.4	30.6#
125	37.7	11.6	17.4#



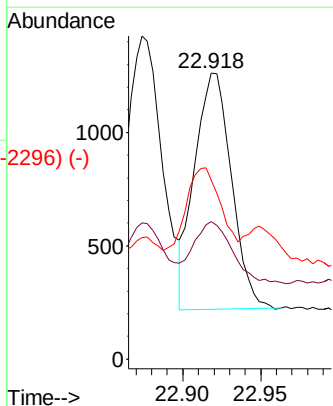
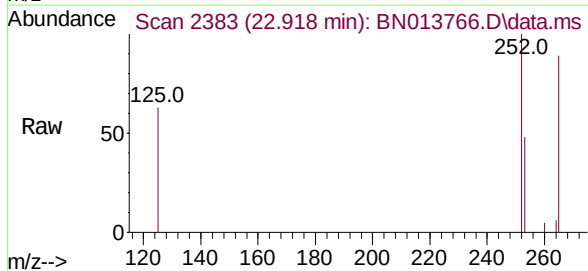
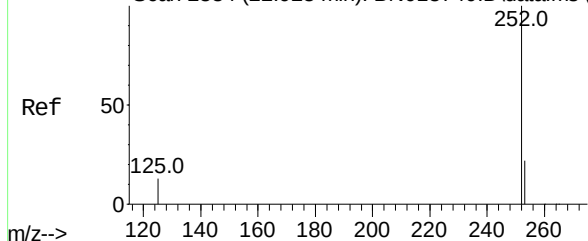
Abundance Scan 2370 (22.874 min): BN013766.D\data.ms (-2313) (-)



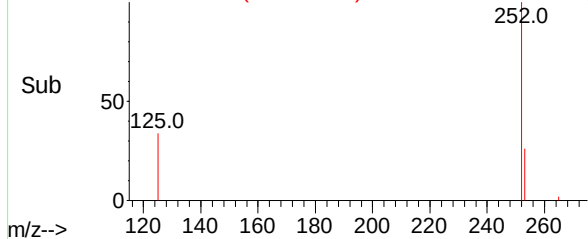
Abundance Scan 2384 (22.928 min): BN013740.D\data.ms (-2384) (-)

Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.918 min Scan# 2383
Delta R.T. -0.003 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

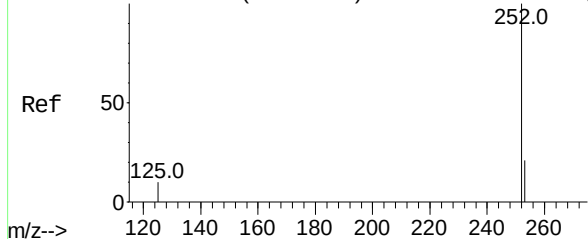
Tgt Ion	Ratio	Lower	Upper
252	100		
253	48.0	20.5	30.7#
125	62.6	12.3	18.5#



Abundance Scan 2383 (22.918 min): BN013766.D\data.ms (-2296) (-)



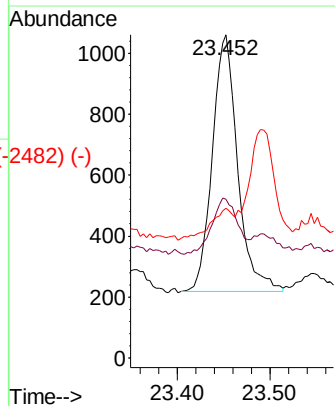
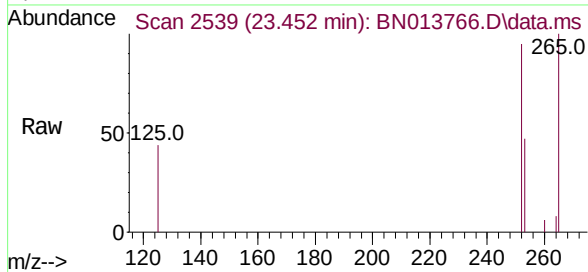
Abundance Scan 2539 (23.458 min): BN013740.D\data.ms (-2482) (-)



Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.452 min Scan# 2539
Delta R.T. -0.003 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

Tgt Ion:	252	Resp:	1603
Ion	Ratio	Lower	Upper
252	100		
253	49.1	21.8	32.6#
125	46.3	14.6	21.8#



Abundance Scan 2539 (23.452 min): BN013766.D\data.ms (-2482) (-)

