

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)

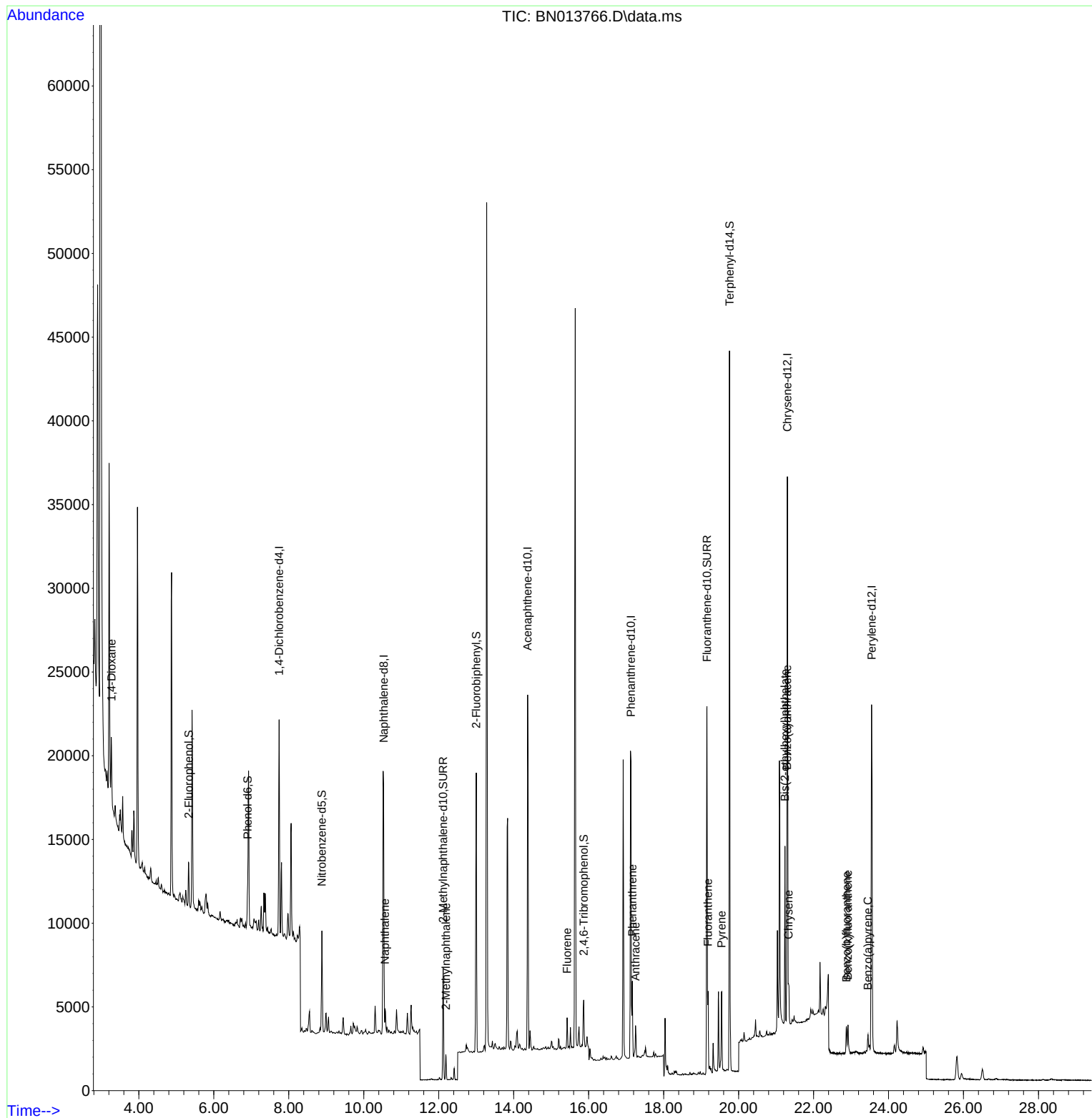
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5692	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	22319	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	12993	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	28027	0.40	ng	# 0.00
29) Chrysene-d12	21.300	240	28284	0.40	ng	0.00
36) Perylene-d12	23.548	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
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

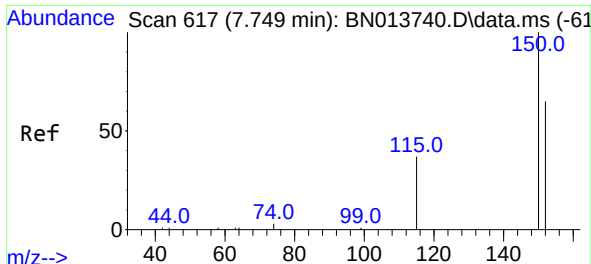
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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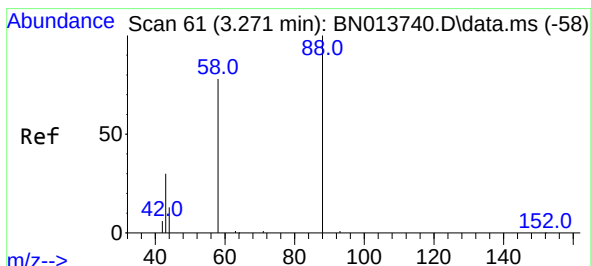
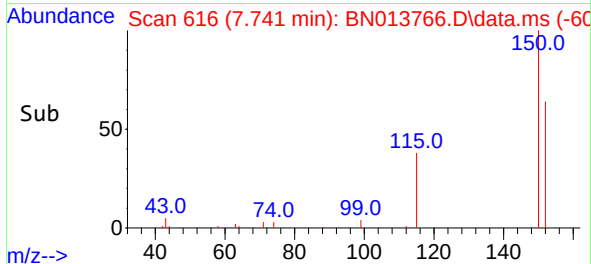
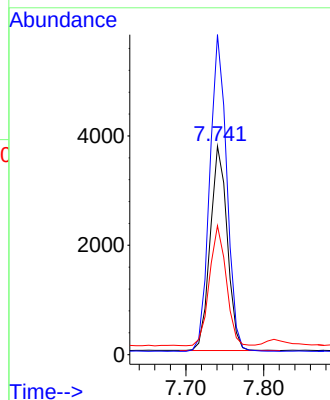
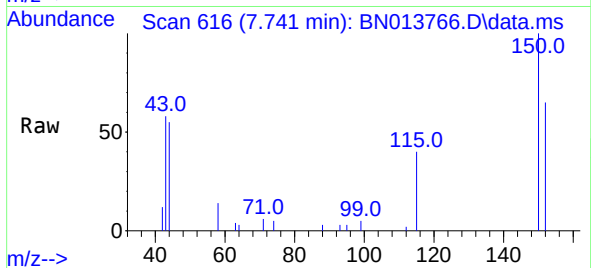


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

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

Tgt Ion:152 Resp: 5692

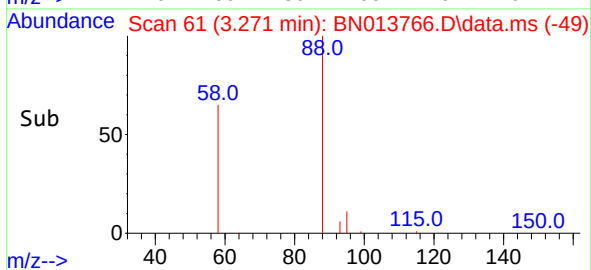
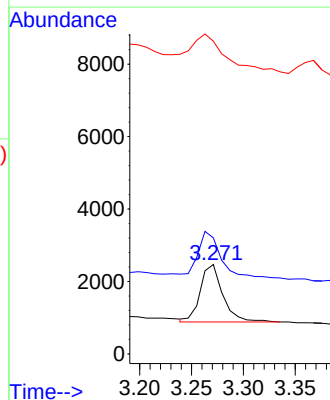
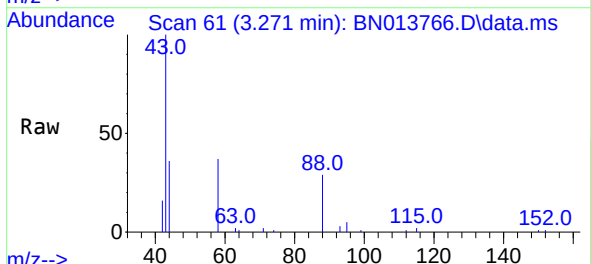
Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.8	182.8
115	61.9	46.6	69.8

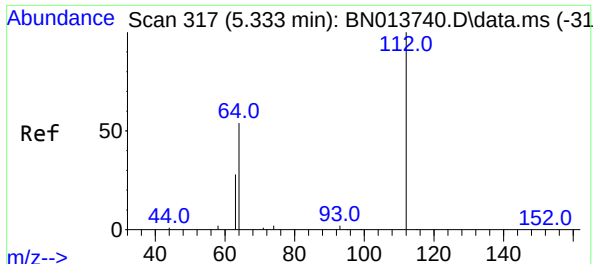


#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.271 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

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

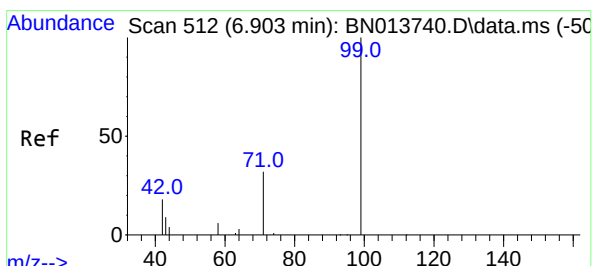
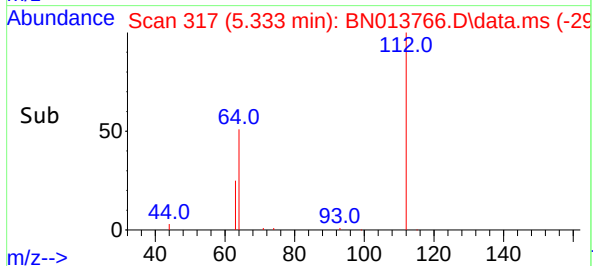
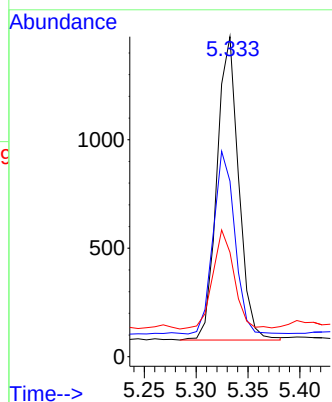
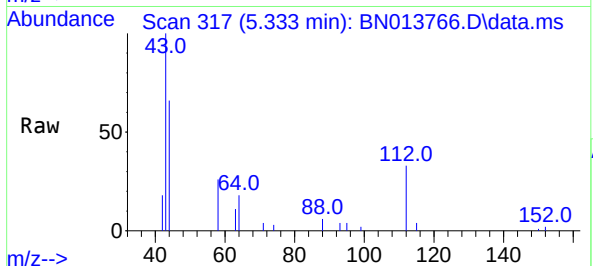




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

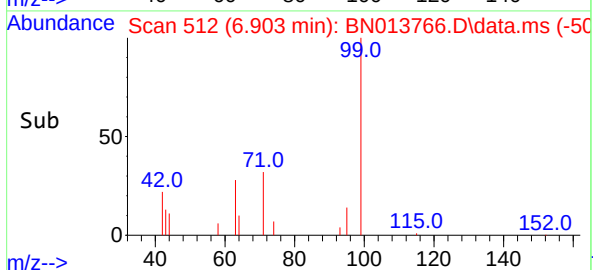
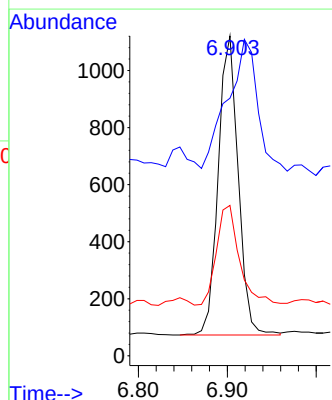
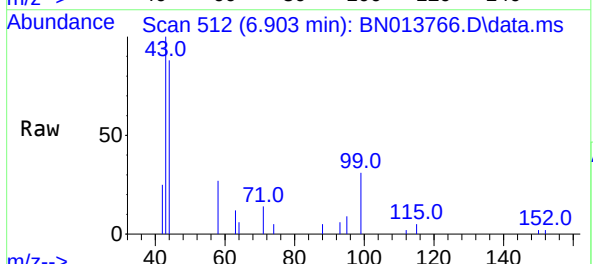
Instrument :
BNA_N
ClientSampleId :
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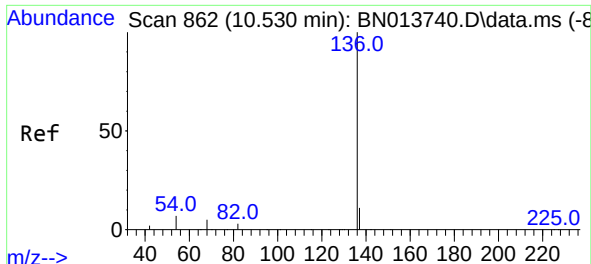
Tgt Ion:	112	Resp:	2035
Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.3	66.5
63	32.2	23.0	34.6



#5
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

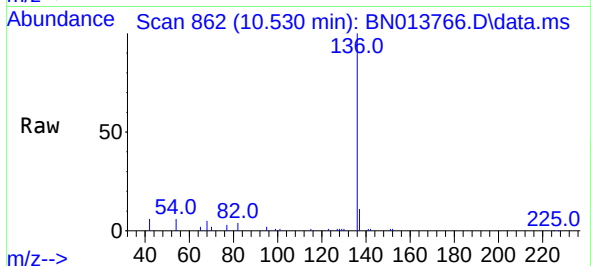
Tgt Ion:	99	Resp:	1638
Ion	Ratio	Lower	Upper
99	100		
42	66.4	15.2	22.8#
71	38.4	26.1	39.1



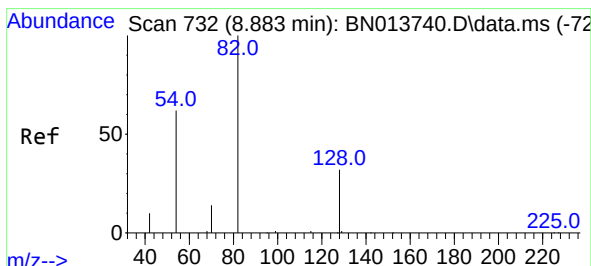
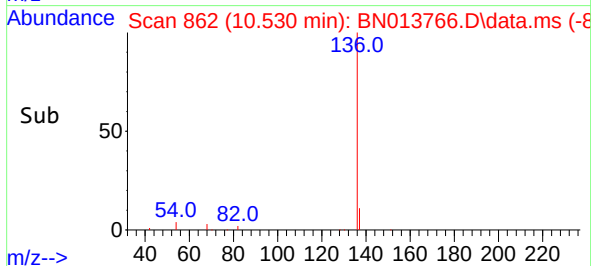
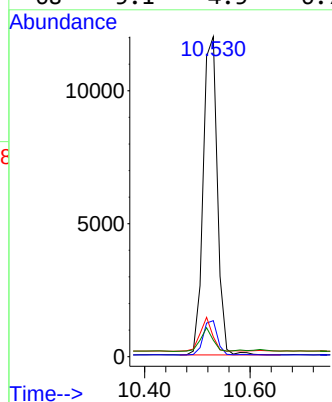


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

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

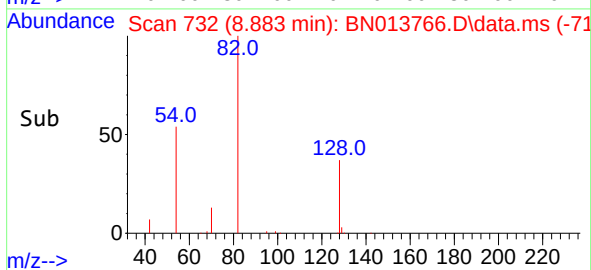
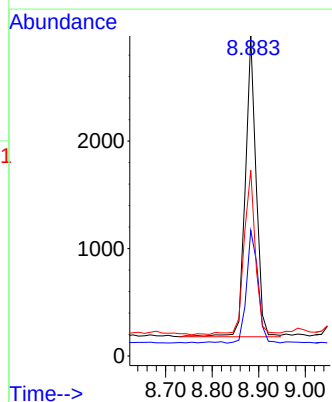
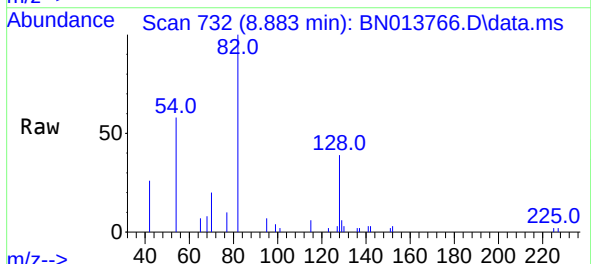


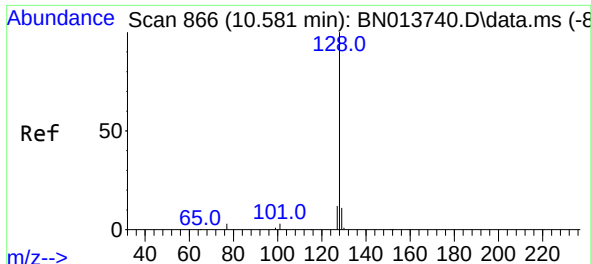
Tgt Ion:	136	Resp:	22319
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.2	6.4	9.6#
68	5.1	4.5	6.7



#8
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

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

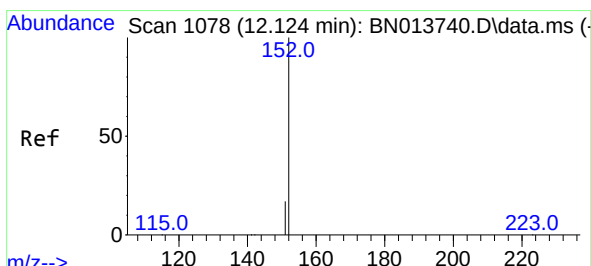
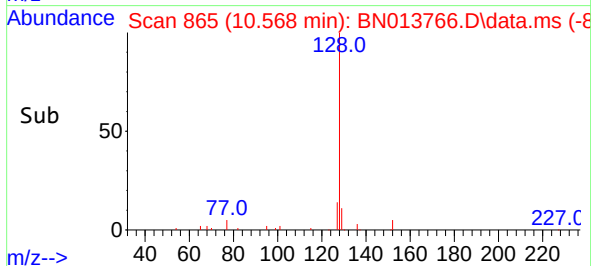
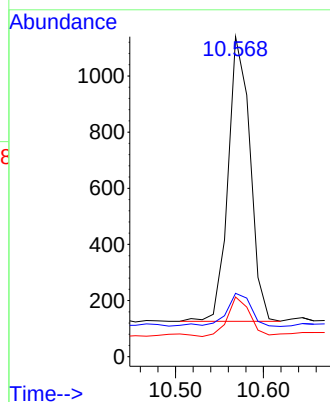
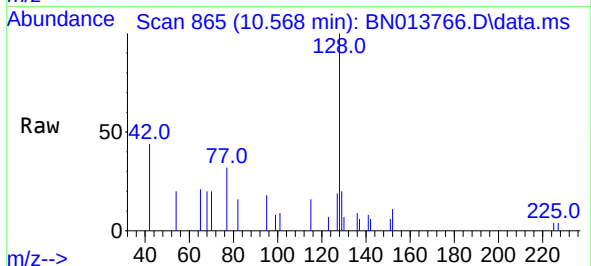




#9
Naphthalene
Concen: 0.03 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

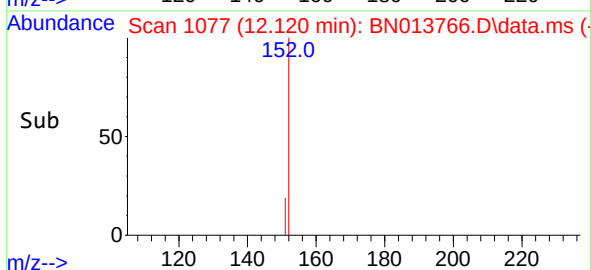
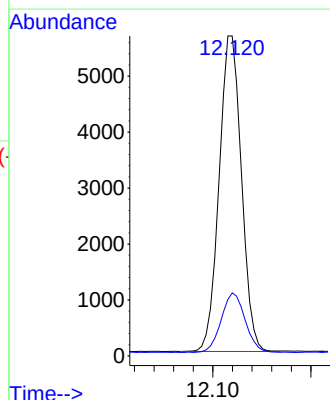
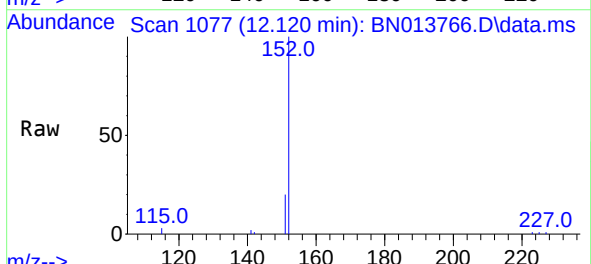
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ClientSampleId :
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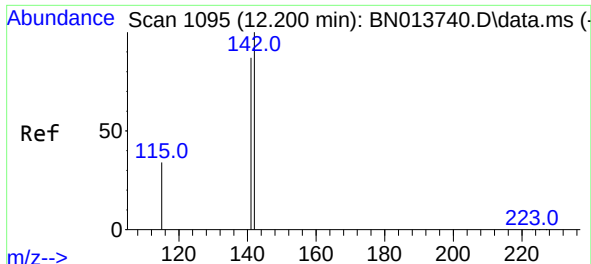
Tgt Ion:128 Resp: 1763
Ion Ratio Lower Upper
128 100
129 19.8 9.0 13.4#
127 18.7 10.4 15.6#



#11
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

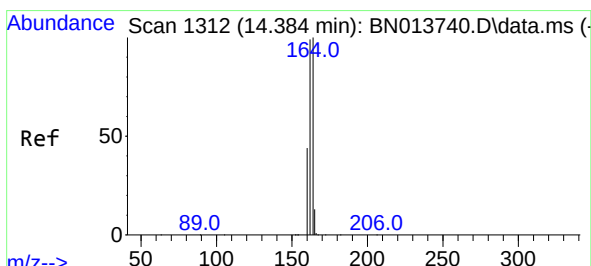
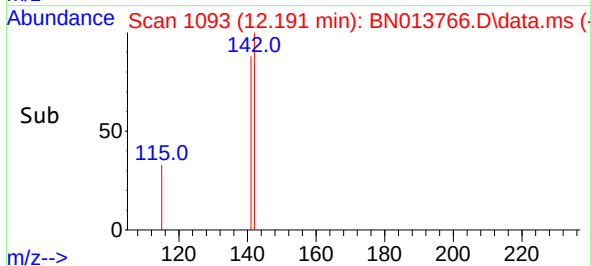
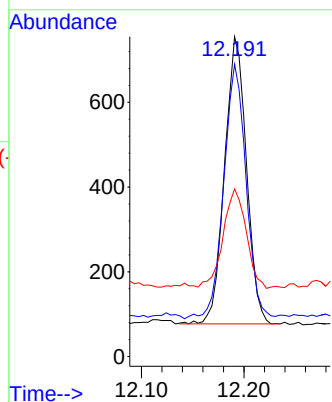
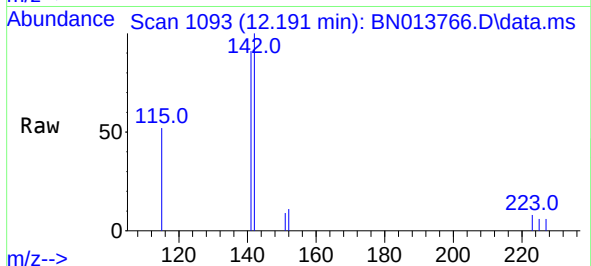




#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.191 min Scan# 1093
Delta R.T. -0.005 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

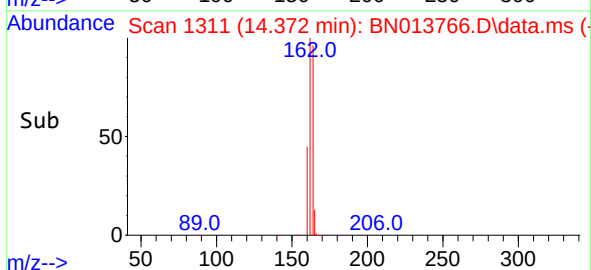
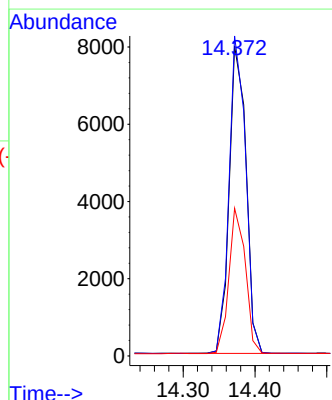
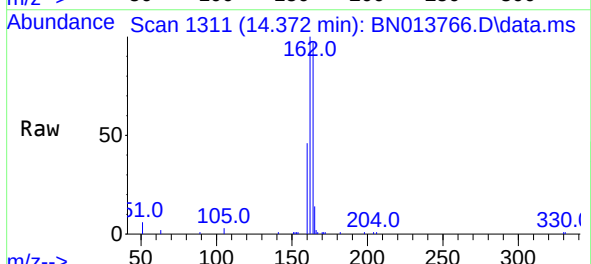
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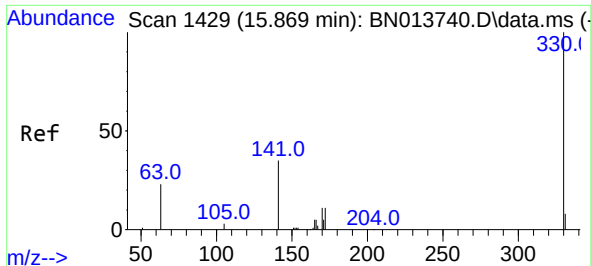
Tgt Ion:	142	Resp:	1007
Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.5	105.7
115	52.5	27.4	41.0#



#13
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

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

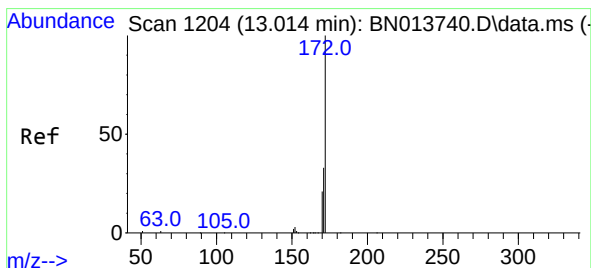
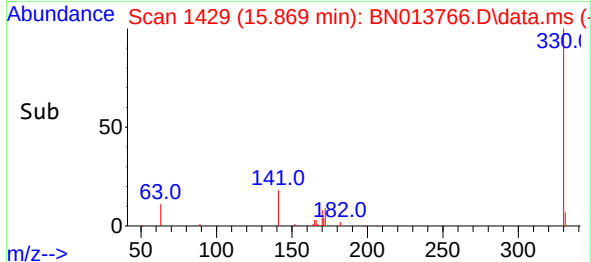
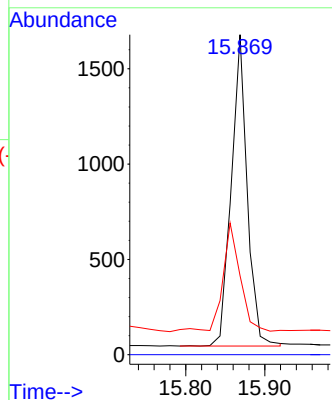
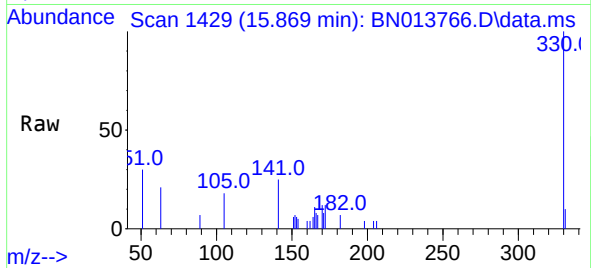




#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

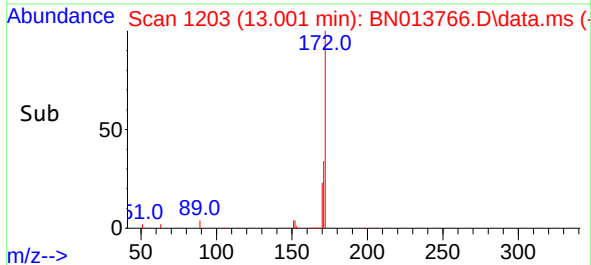
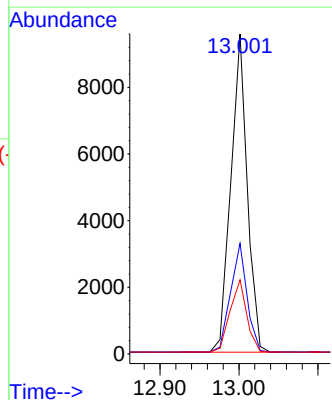
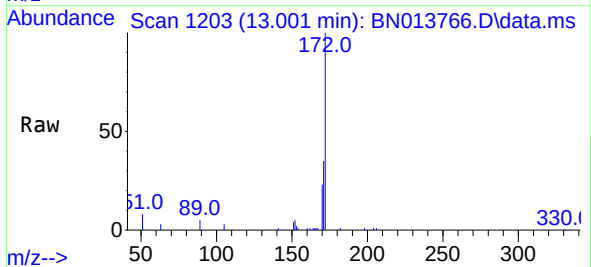
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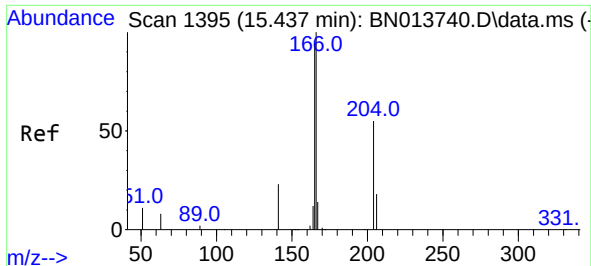
Tgt Ion:330 Resp: 2292
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.8 26.8 40.2



#15
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

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

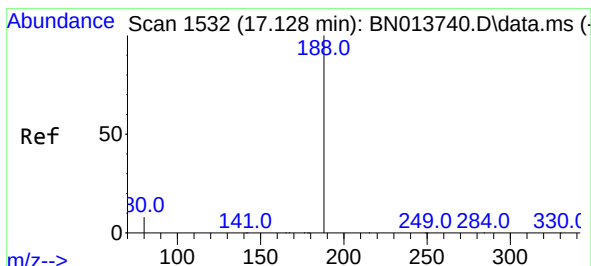
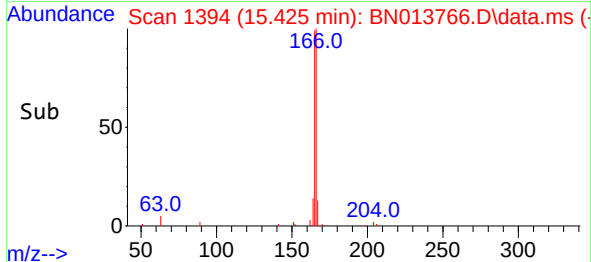
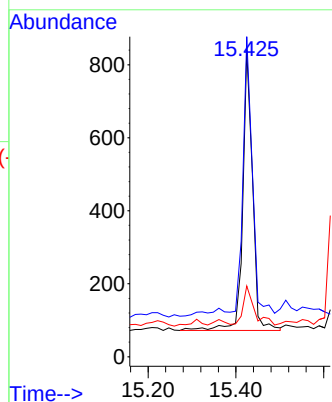
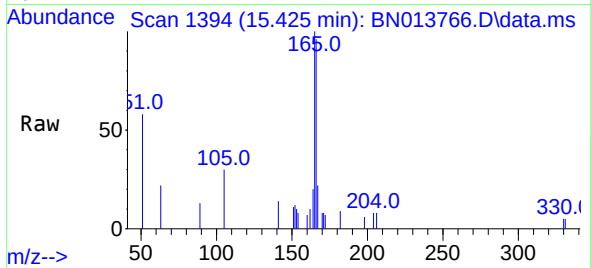




#18
Fluorene
Concen: 0.03 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

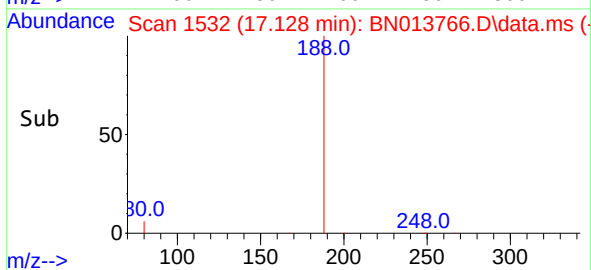
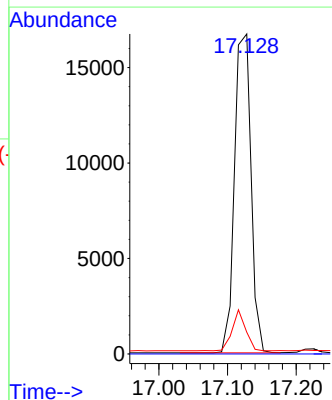
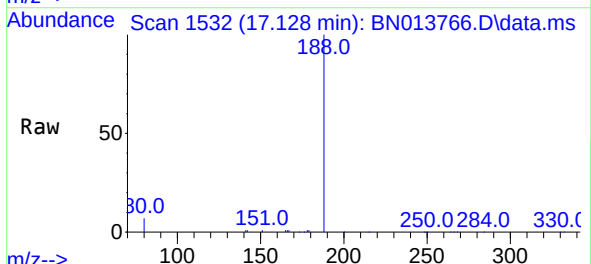
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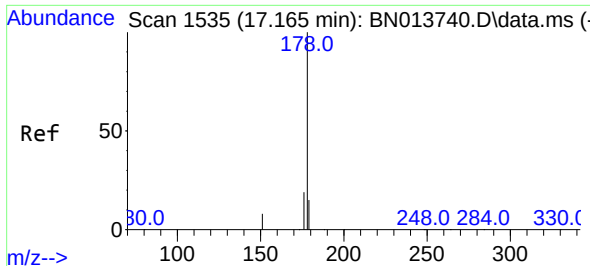
Tgt Ion:166 Resp: 1186
Ion Ratio Lower Upper
166 100
165 92.1 77.8 116.8
167 0.0 10.6 16.0#



#19
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

Tgt Ion:188 Resp: 28027
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 9.0 13.6#

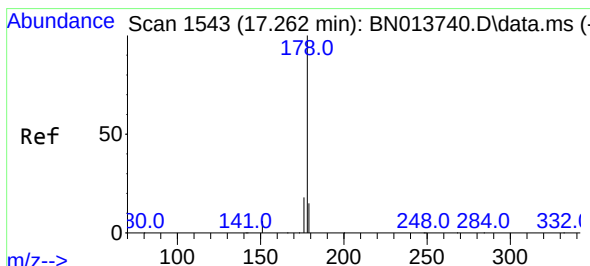
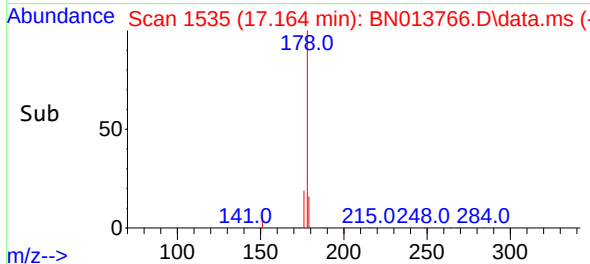
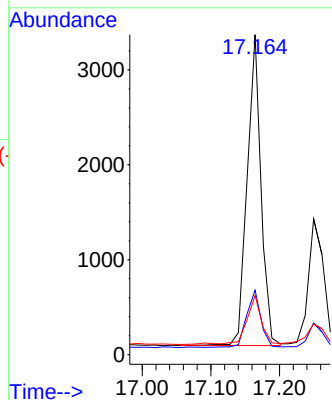
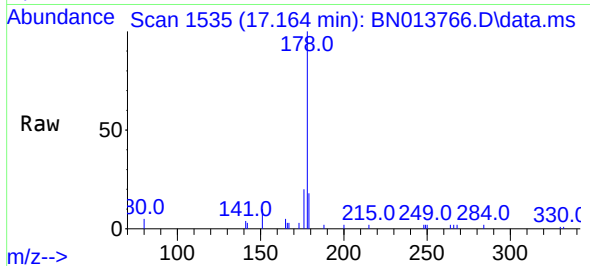




#25
Phenanthrene
Concen: 0.06 ng
RT: 17.164 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

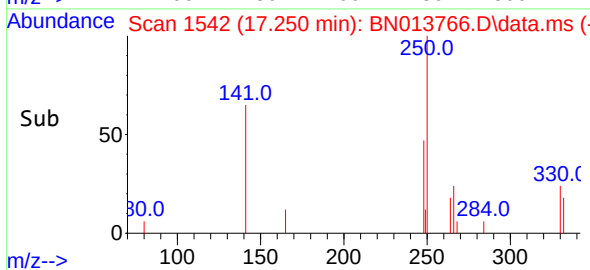
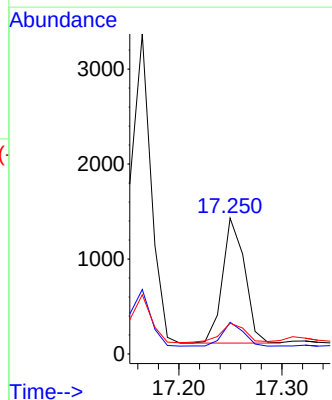
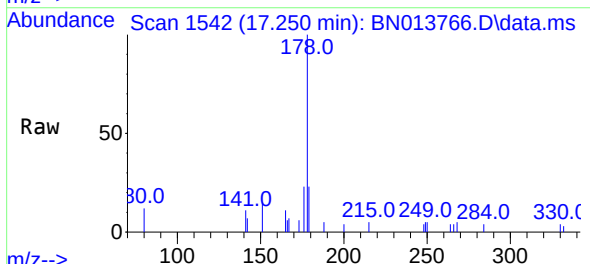
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

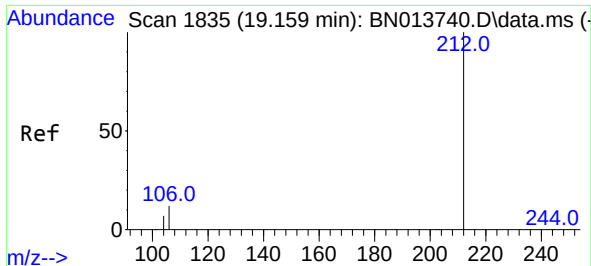
Tgt Ion:178	Resp:	4587
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.0 22.4
179	15.5	12.3 18.5



#26
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

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



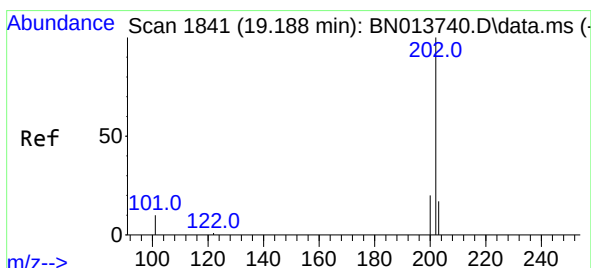
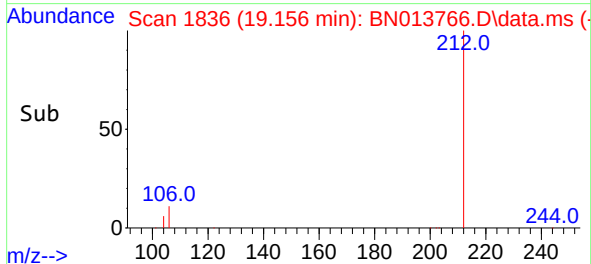
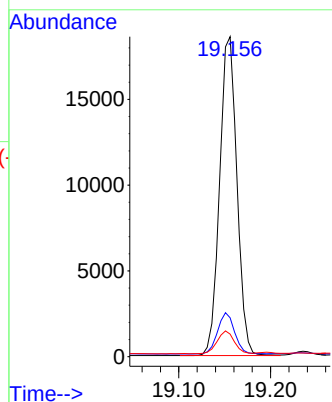
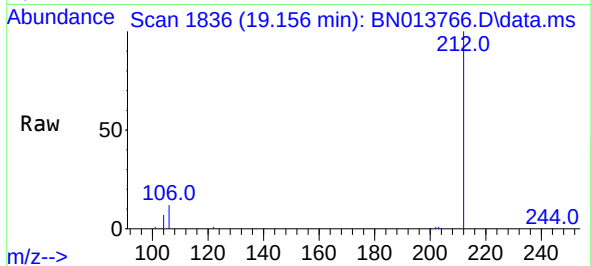


#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.156 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

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

Tgt Ion:212 Resp: 24329

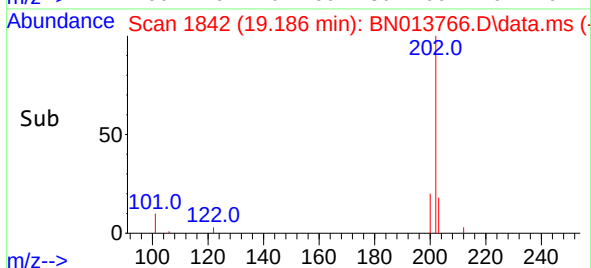
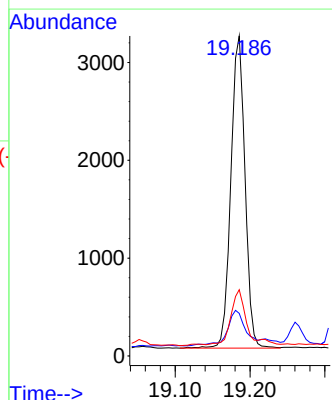
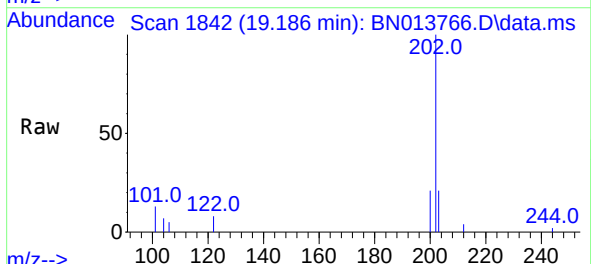
Ion	Ratio	Lower	Upper
212	100		
106	12.7	9.7	14.5
104	7.1	5.5	8.3

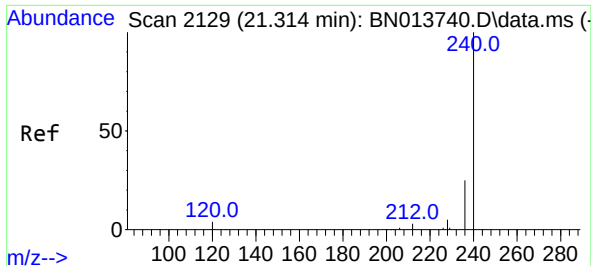


#28
Fluoranthene
Concen: 0.05 ng
RT: 19.186 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

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

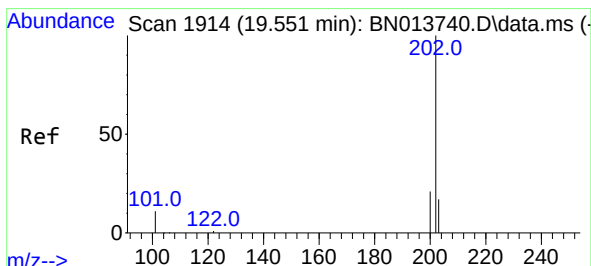
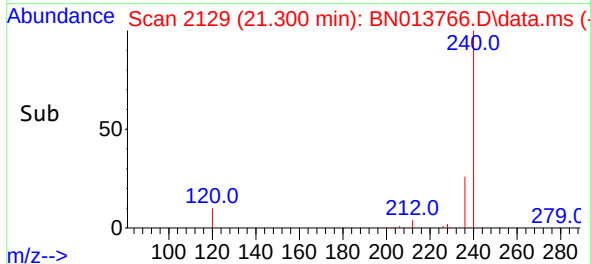
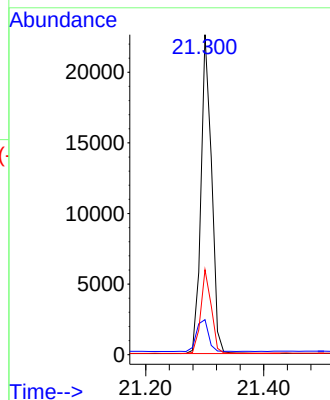
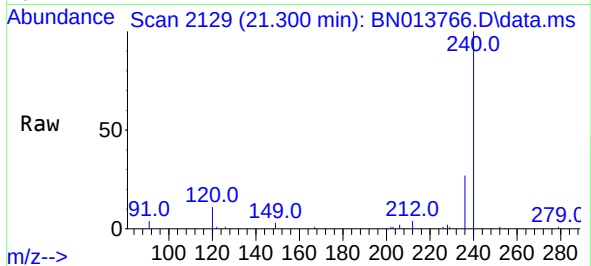




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

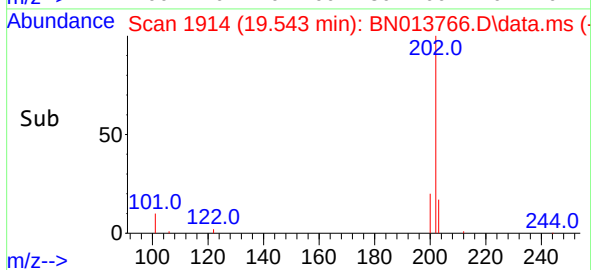
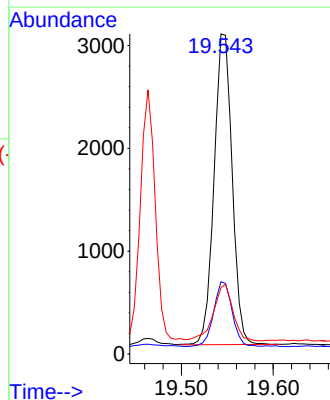
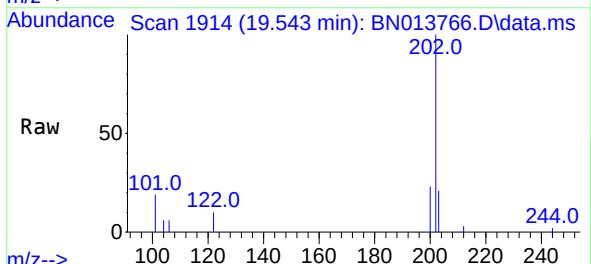
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

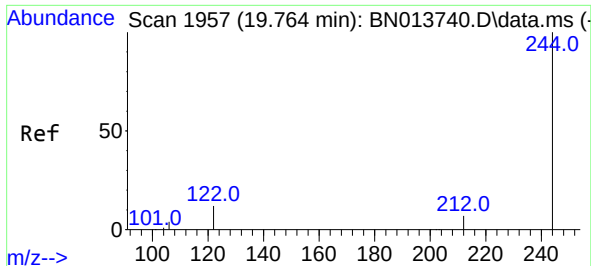
Tgt Ion:240 Resp: 28284
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 26.6 21.3 31.9



#30
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

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

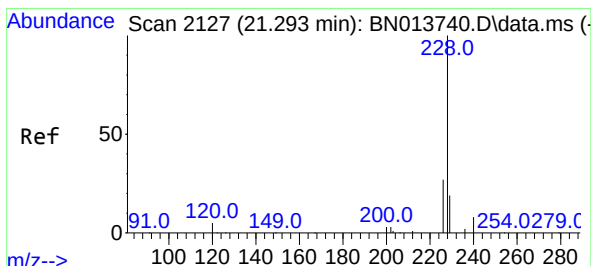
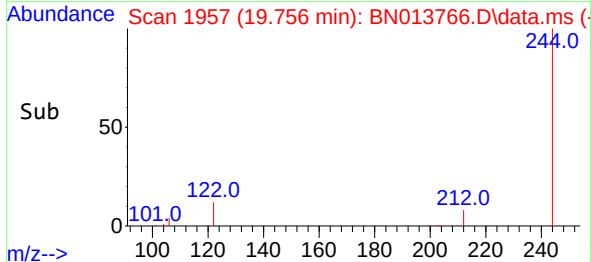
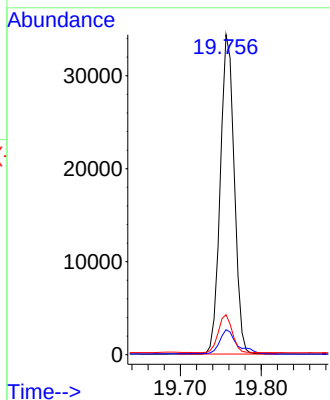
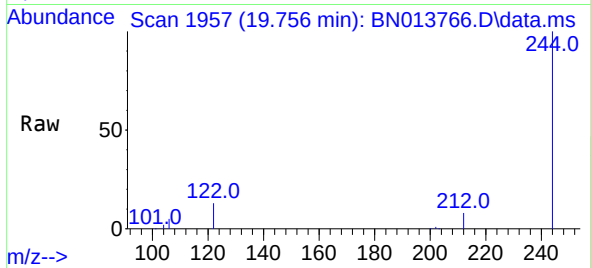




#31
Terphenyl-d14
Concen: 0.66 ng
RT: 19.756 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

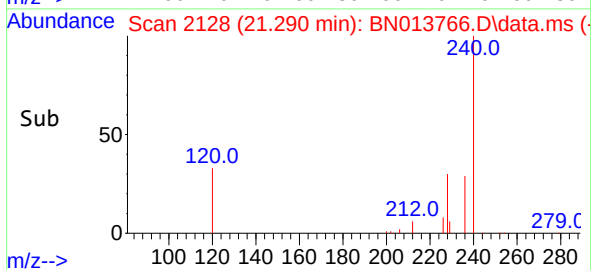
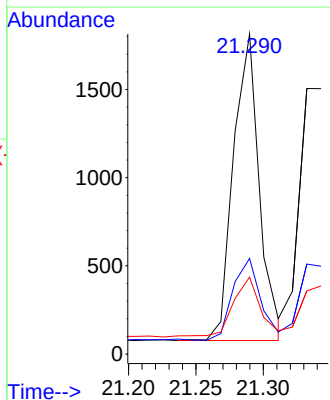
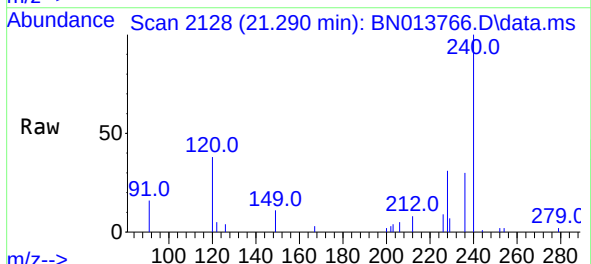
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

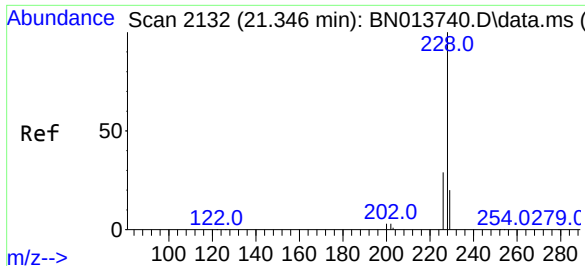
Tgt Ion:244 Resp: 41360
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 12.5 9.8 14.8



#32
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

Tgt Ion:228 Resp: 2318
Ion Ratio Lower Upper
228 100
226 29.9 20.5 30.7
229 24.0 16.2 24.4

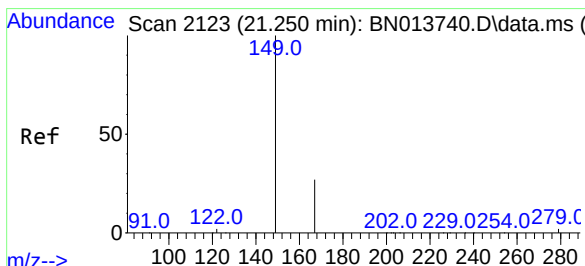
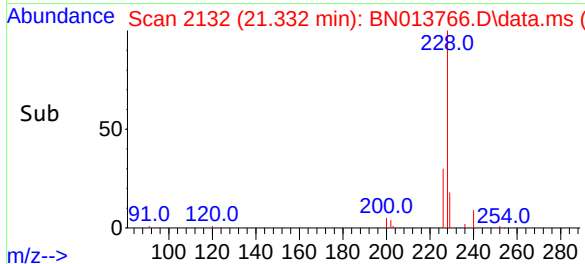
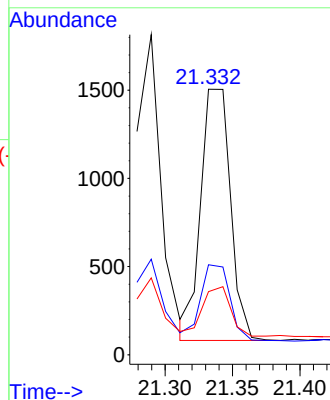
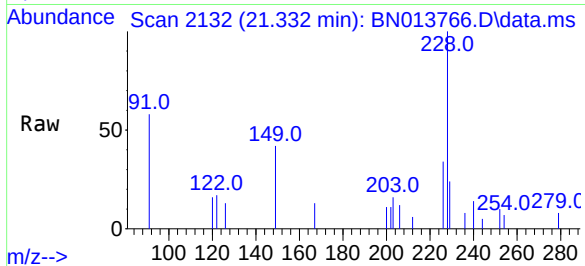




#33
Chrysene
Concen: 0.03 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

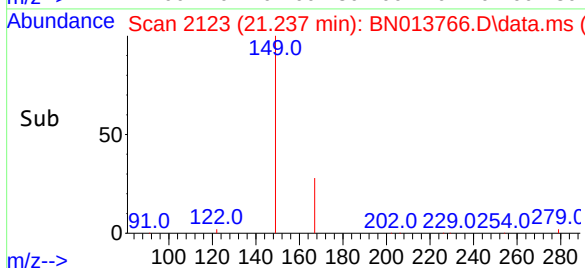
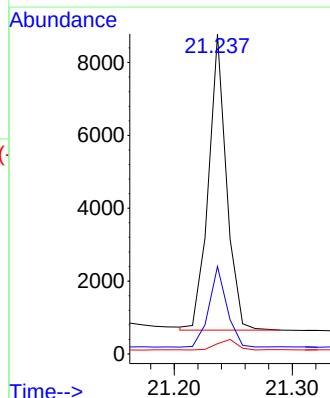
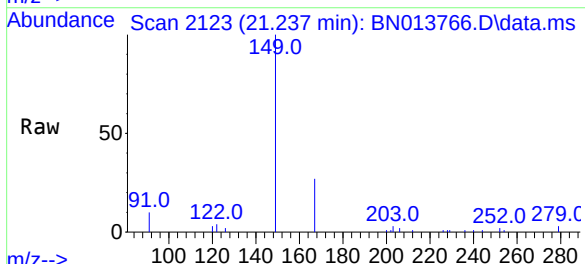
Instrument :
BNA_N
ClientSampleId :
GWBR1-132-149-022321

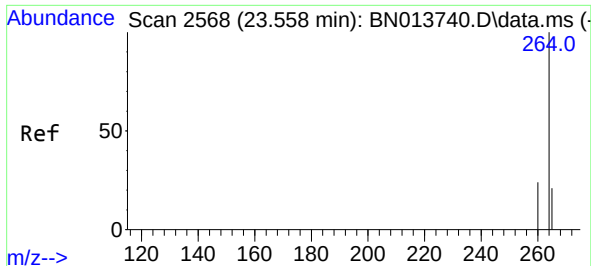
Tgt Ion:	228	Resp:	2187
Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.3	36.5
229	23.8	15.1	22.7#



#34
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

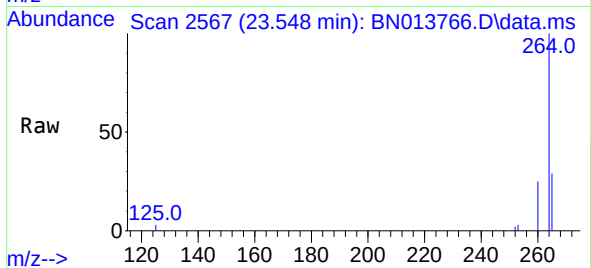
Tgt Ion:	149	Resp:	8603
Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	4.4	3.5	5.3



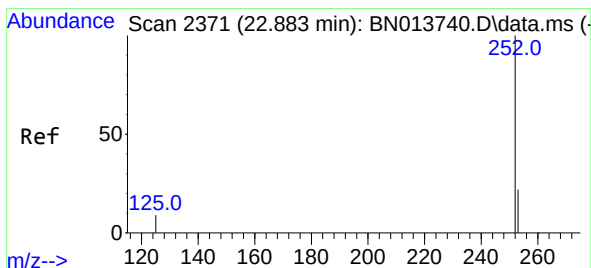
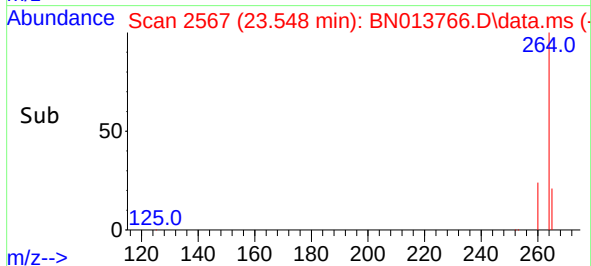
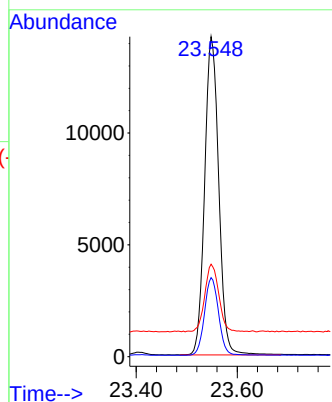


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.548 min Scan# 2567
Delta R.T. -0.003 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

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

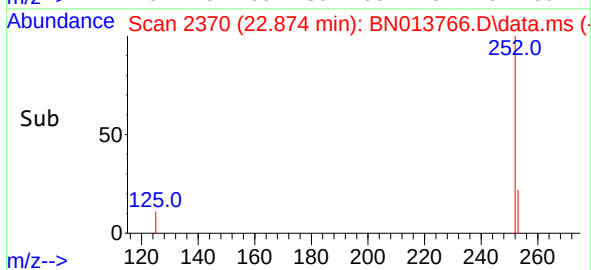
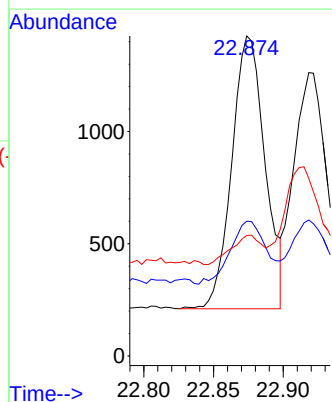
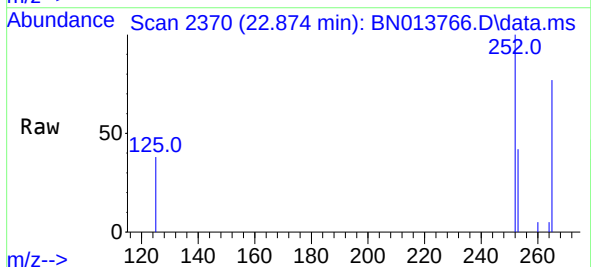


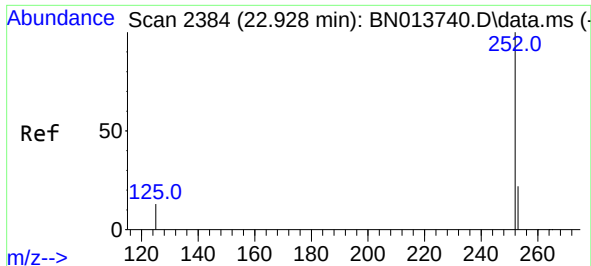
Tgt Ion:264 Resp: 27480
Ion Ratio Lower Upper
264 100
260 24.7 19.3 28.9
265 28.9 66.2 99.4#



#37
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

Tgt Ion:252 Resp: 2016
Ion Ratio Lower Upper
252 100
253 42.1 20.4 30.6#
125 37.7 11.6 17.4#

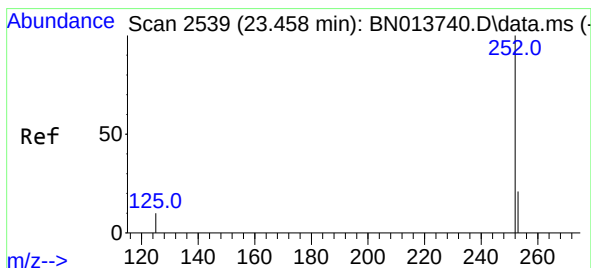
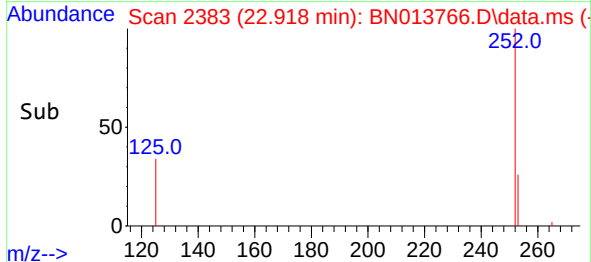
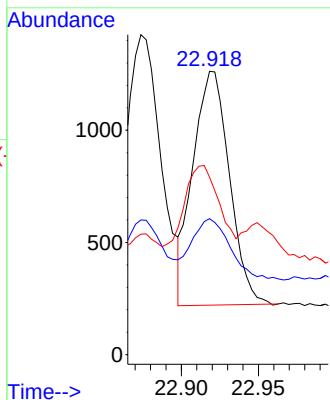
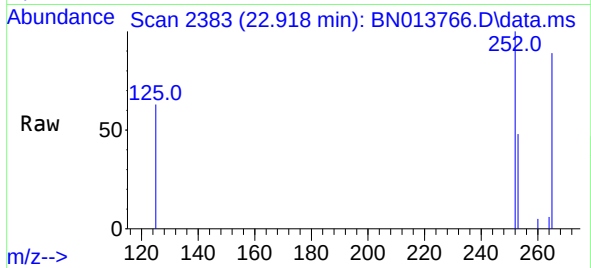




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.918 min Scan# 2383
Delta R.T. -0.003 min
Lab File: BN013766.D
Acq: 25 Feb 2021 13:47

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

Tgt Ion:252 Resp: 1714
Ion Ratio Lower Upper
252 100
253 48.0 20.5 30.7#
125 62.6 12.3 18.5#



#39
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

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#

