

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013767.D
 Acq On : 25 Feb 2021 14:24
 Operator : CG/JU
 Sample : M1473-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-119-129-022221

Quant Time: Feb 25 14:52:43 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)

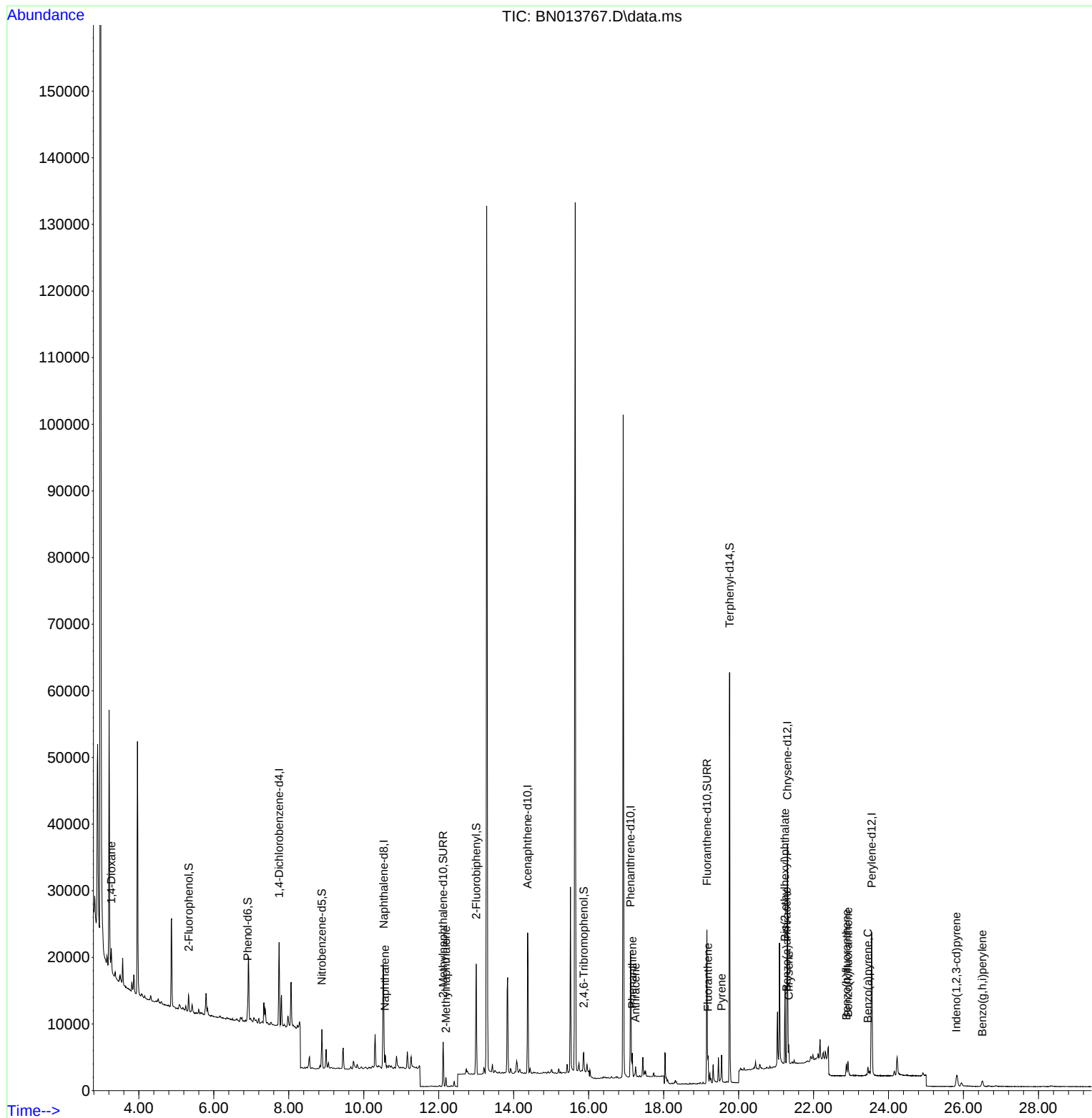
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	5538	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	21938	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	12567	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	27267	0.40	ng	-0.01
29) Chrysene-d12	21.303	240	28131	0.40	ng	# 0.00
36) Perylene-d12	23.547	264	27792	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	1995	0.13	ng	0.00
5) Phenol-d6	6.903	99	1475	0.07	ng	0.00
8) Nitrobenzene-d5	8.883	82	4404	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	8608	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	2417	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	13422	0.30	ng	0.00
27) Fluoranthene-d10	19.154	212	24913	0.31	ng	0.00
31) Terphenyl-d14	19.759	244	58300	0.94	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	1936	0.29	ng	# 53
9) Naphthalene	10.568	128	2550	0.05	ng	# 88
12) 2-Methylnaphthalene	12.191	142	933	0.02	ng	# 85
25) Phenanthrene	17.165	178	3663	0.05	ng	98
26) Anthracene	17.250	178	1578	0.02	ng	97
28) Fluoranthene	19.183	202	3360	0.04	ng	# 92
30) Pyrene	19.546	202	3472	0.04	ng	96
32) Benzo(a)anthracene	21.282	228	2330	0.03	ng	# 89
33) Chrysene	21.335	228	2230	0.03	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.239	149	10172	0.25	ng	99
35) Indeno(1,2,3-cd)pyrene	25.810	276	2080	0.02	ng	95
37) Benzo(b)fluoranthene	22.873	252	2255	0.03	ng	# 64
38) Benzo(k)fluoranthene	22.921	252	2069	0.02	ng	# 38
39) Benzo(a)pyrene	23.451	252	1921	0.02	ng	# 56
41) Benzo(g,h,i)perylene	26.505	276	1752	0.02	ng	# 77

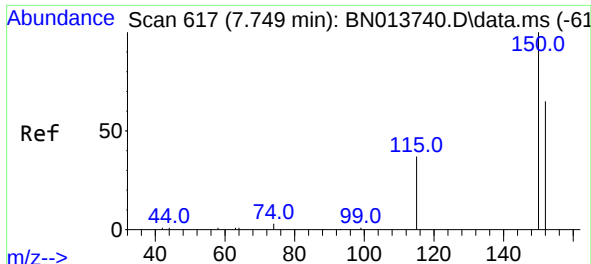
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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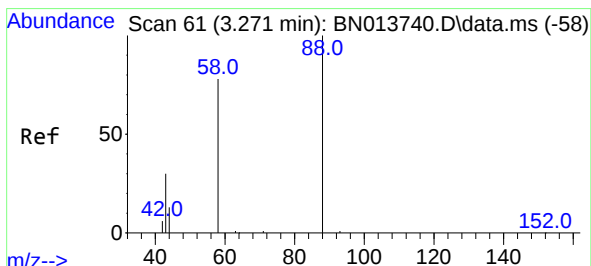
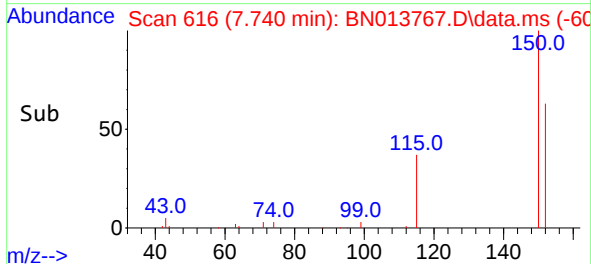
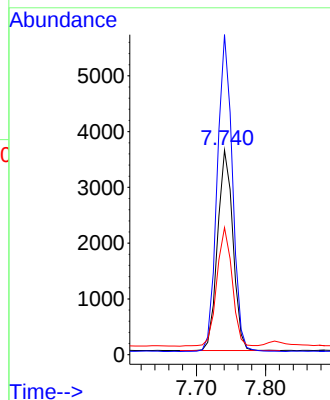
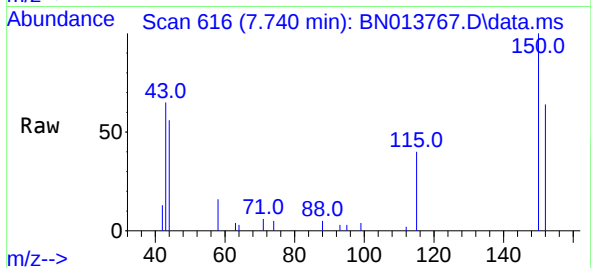




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.740 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

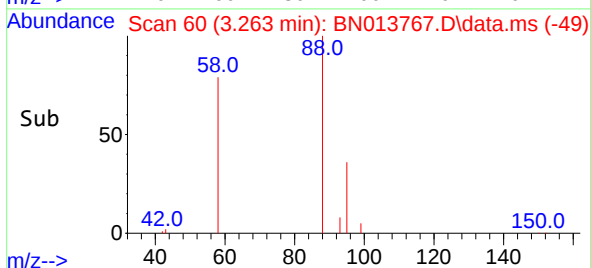
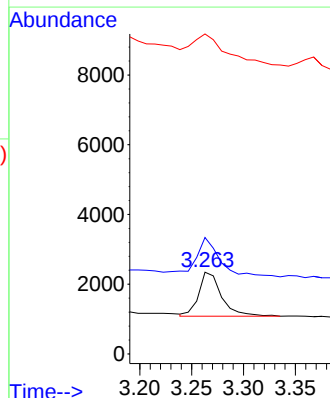
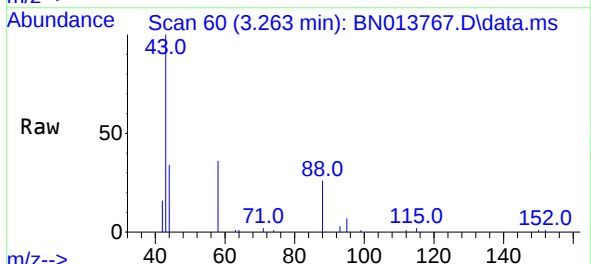
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

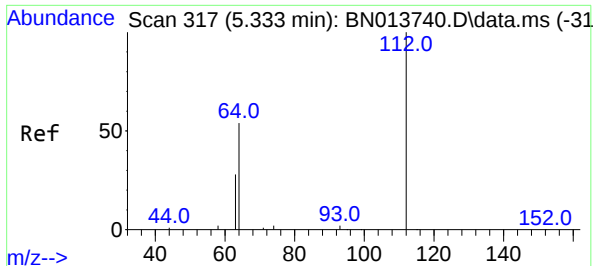
Tgt Ion:152 Resp: 5538
Ion Ratio Lower Upper
152 100
150 156.5 121.8 182.8
115 62.1 46.6 69.8



#2
1,4-Dioxane
Concen: 0.29 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion: 88 Resp: 1936
Ion Ratio Lower Upper
88 100
58 93.8 64.6 96.8
43 105.3 26.6 40.0#



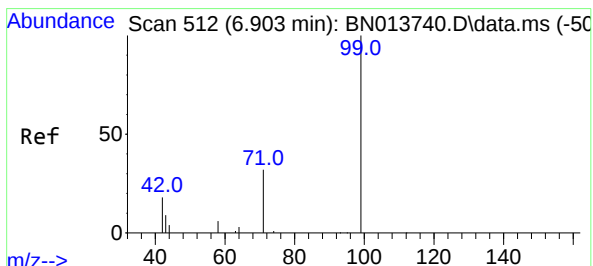
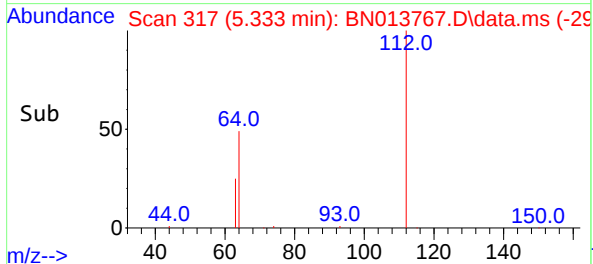
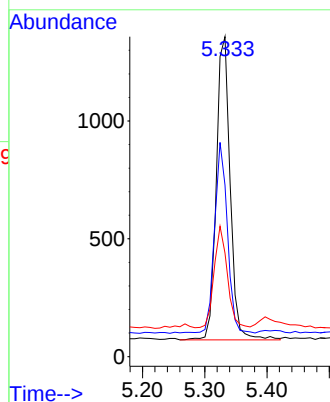
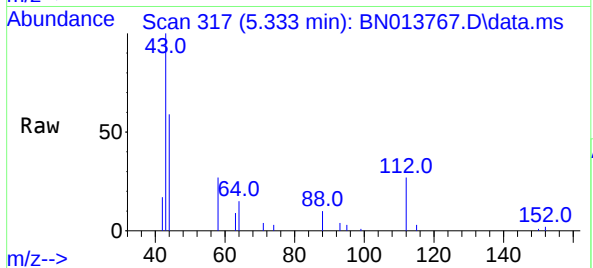


#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Instrument :
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GWBR1-119-129-022221

Tgt Ion: 112 Resp: 1995

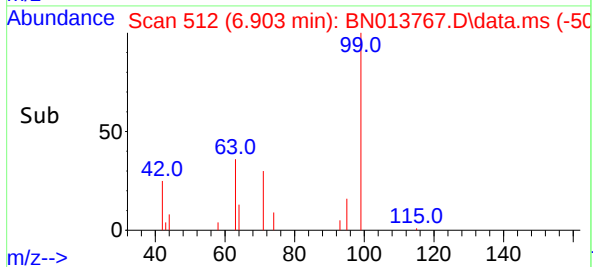
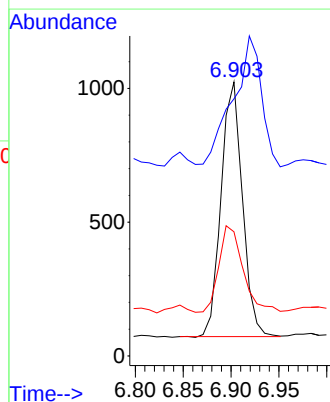
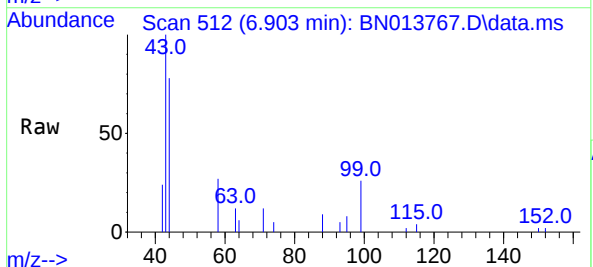
Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.3	66.5
63	31.9	23.0	34.6

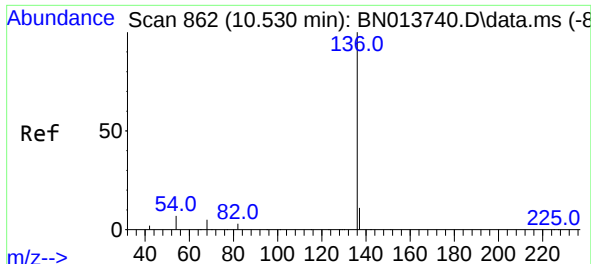


#5
Phenol-d6
Concen: 0.07 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion: 99 Resp: 1475

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	38.5	26.1	39.1

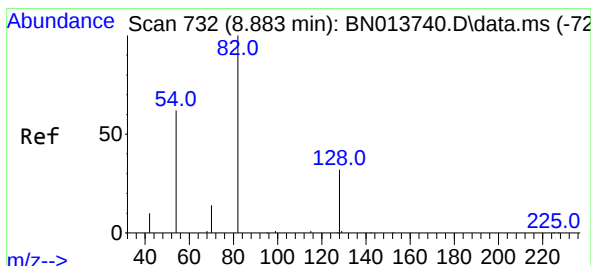
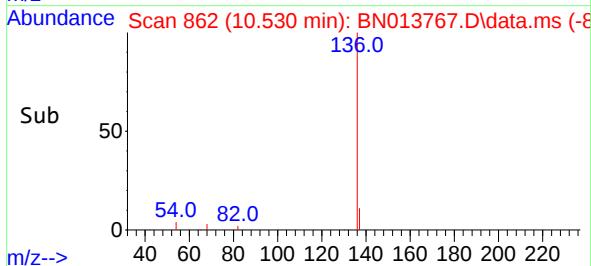
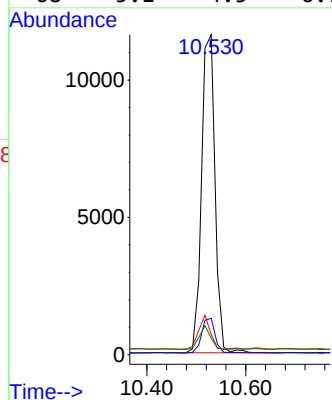
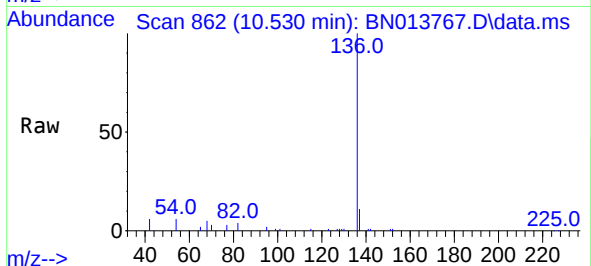




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

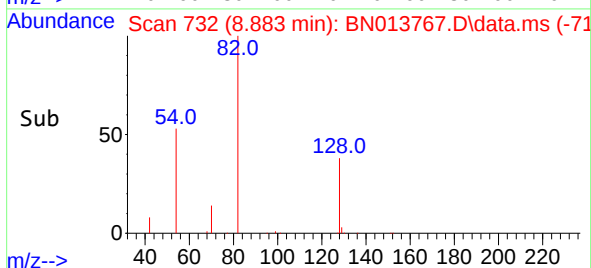
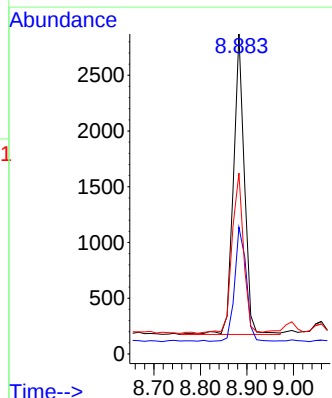
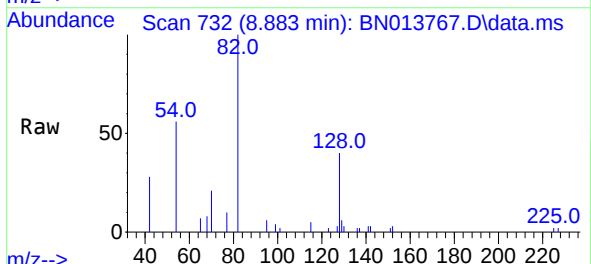
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

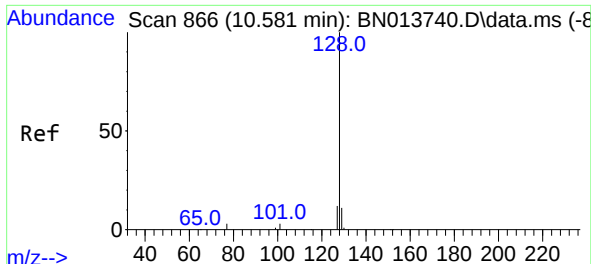
Tgt Ion:	136	Resp:	21938
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.3	6.4	9.6#
68	5.1	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:	82	Resp:	4404
Ion	Ratio	Lower	Upper
82	100		
128	39.6	39.2	58.8
54	56.5	40.1	60.1

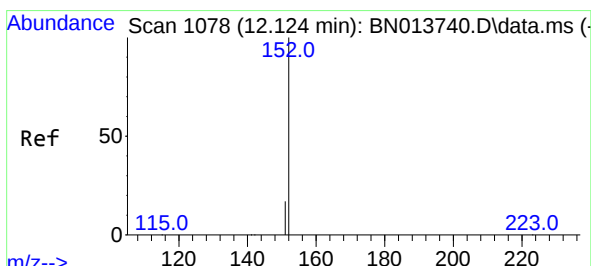
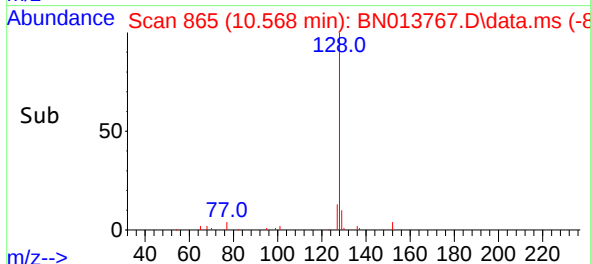
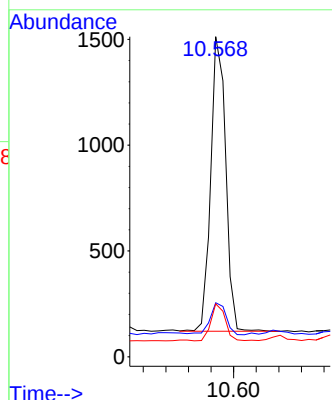
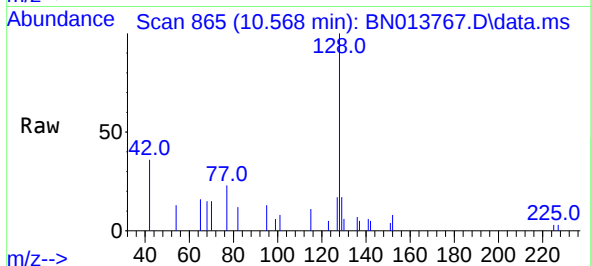




#9
Naphthalene
Concen: 0.05 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

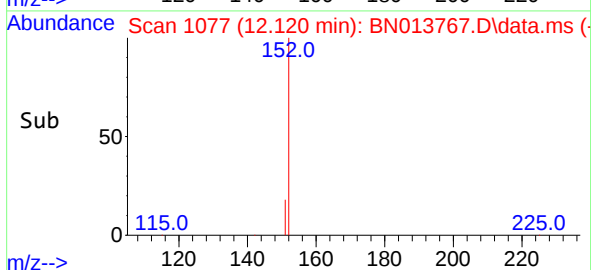
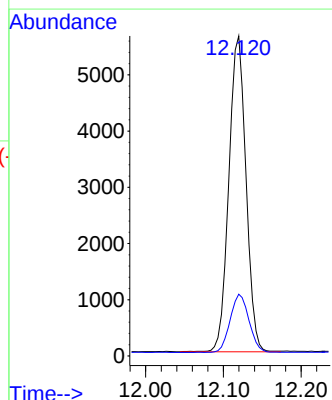
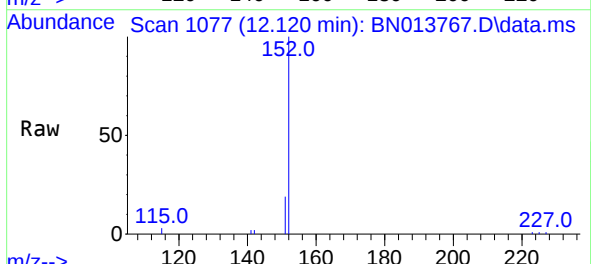
Instrument :
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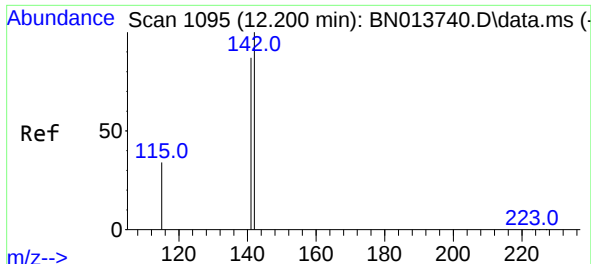
Tgt Ion:128 Resp: 2550
Ion Ratio Lower Upper
128 100
129 16.9 9.0 13.4#
127 16.5 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:152 Resp: 8608
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

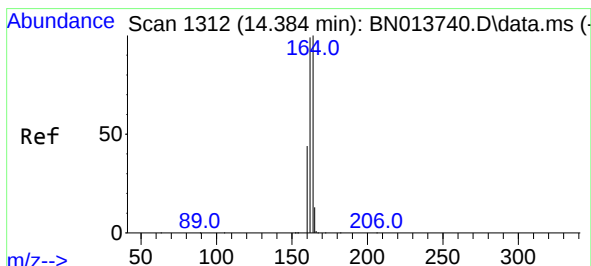
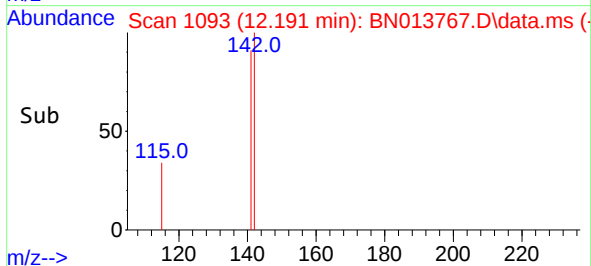
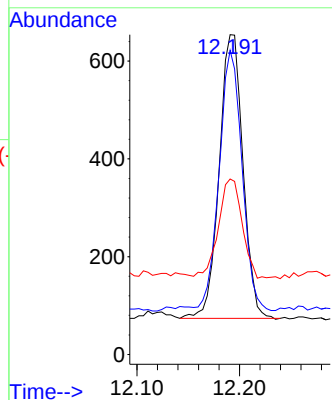
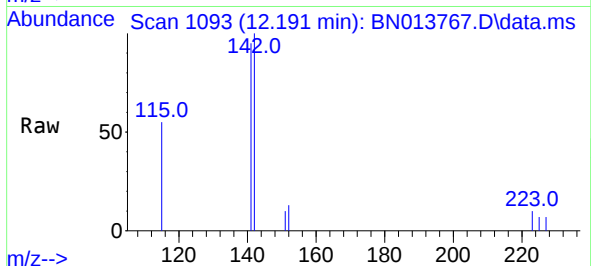




#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.191 min Scan# 1093
Delta R.T. -0.005 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

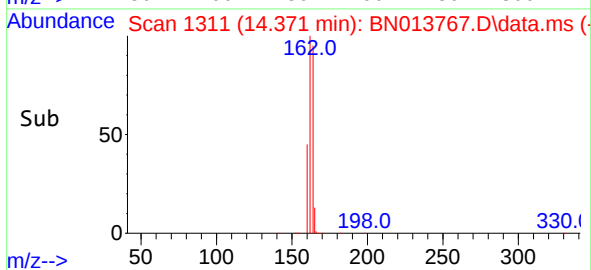
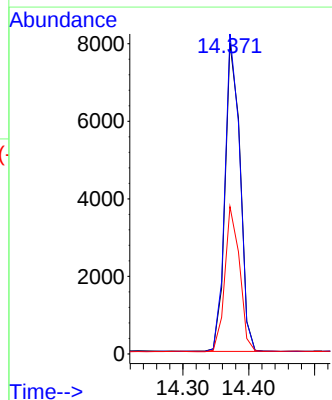
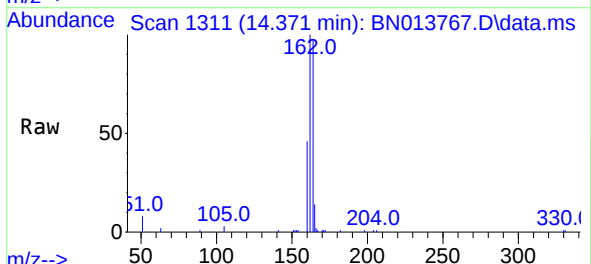
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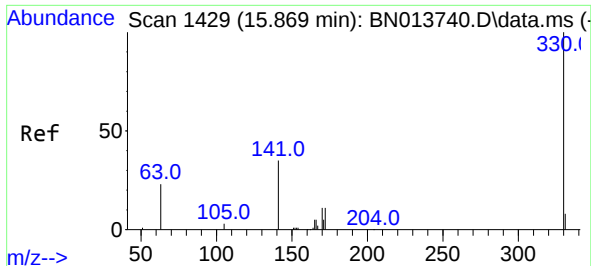
Tgt Ion:142 Resp: 933
Ion Ratio Lower Upper
142 100
141 95.1 70.5 105.7
115 54.9 27.4 41.0#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:164 Resp: 12567
Ion Ratio Lower Upper
164 100
162 102.9 79.6 119.4
160 47.4 36.0 54.0

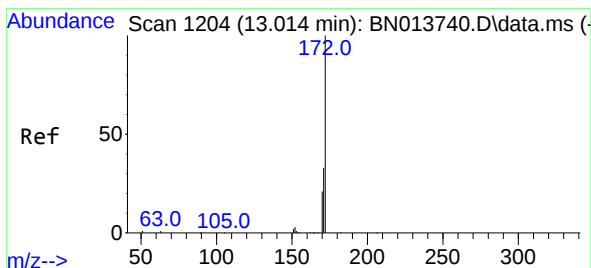
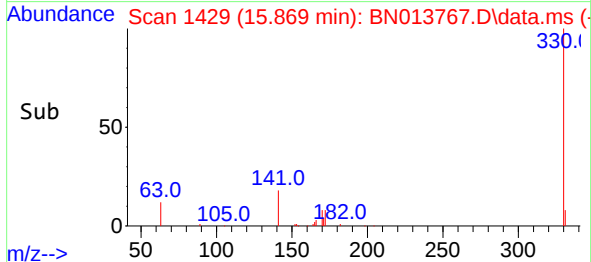
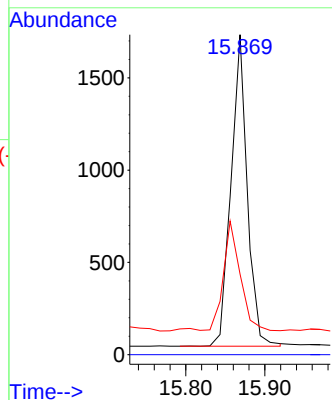
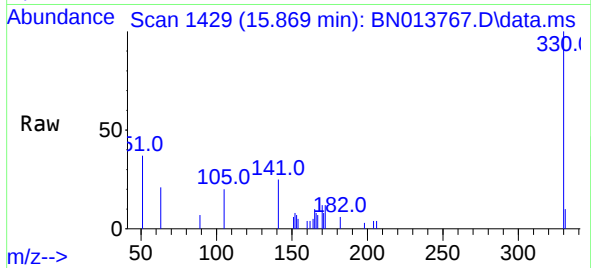




#14
2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

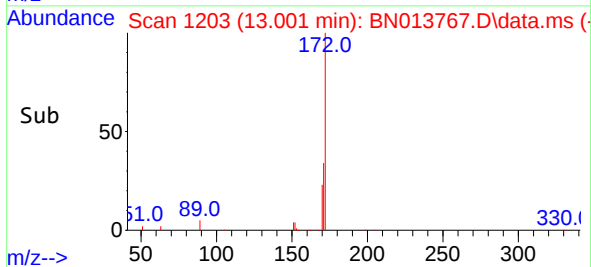
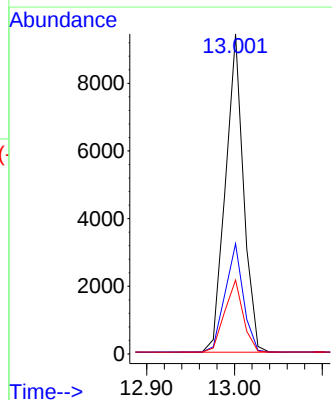
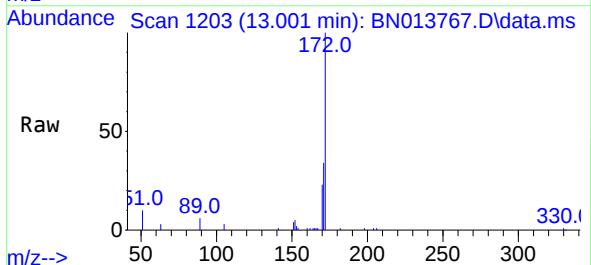
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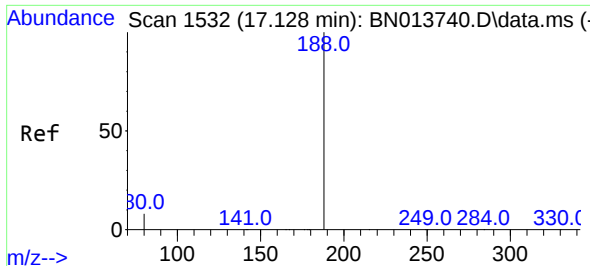
Tgt Ion:330 Resp: 2417
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.0 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:172 Resp: 13422
Ion Ratio Lower Upper
172 100
171 34.5 28.6 42.8
170 23.1 18.9 28.3

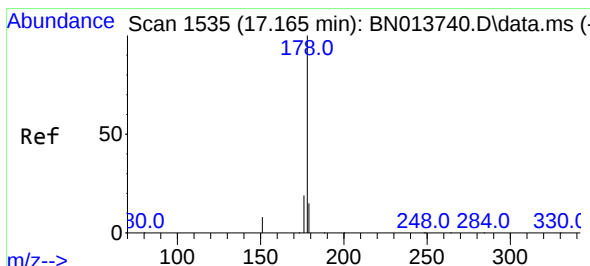
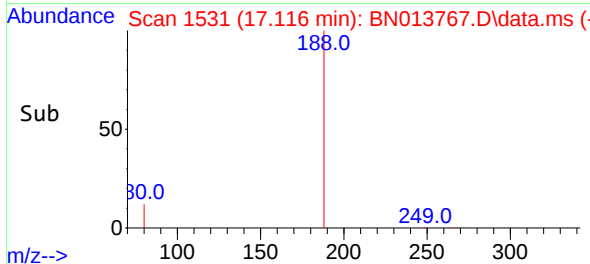
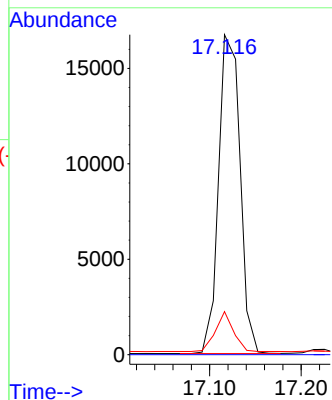
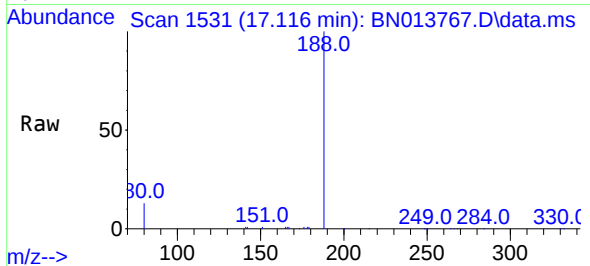




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

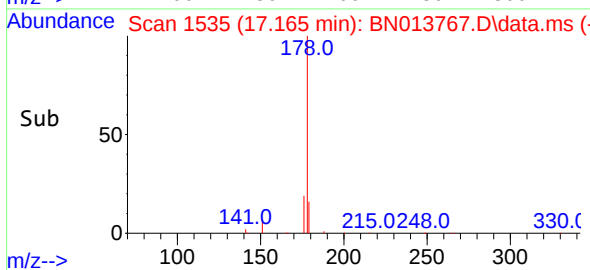
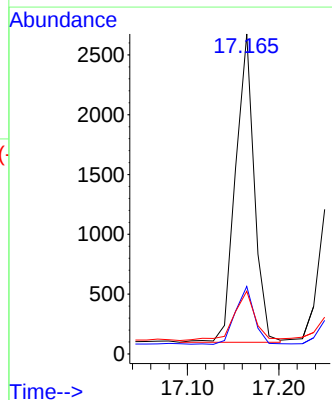
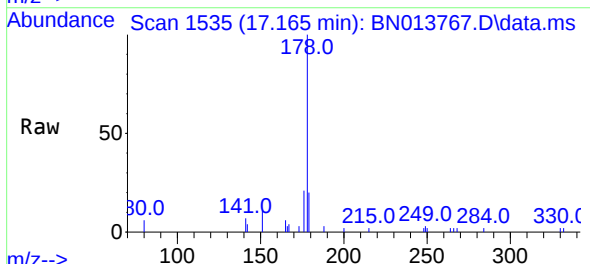
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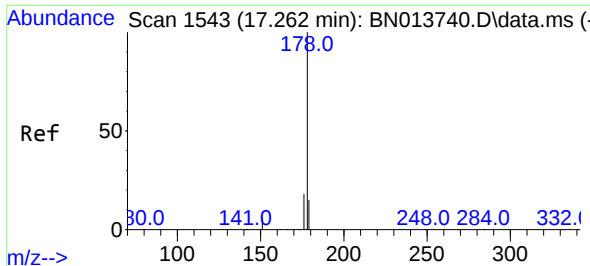
Tgt Ion:188	Resp:	27267
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	13.5	9.0



#25
Phenanthrene
Concen: 0.05 ng
RT: 17.165 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:178	Resp:	3663
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.0
179	17.6	12.3



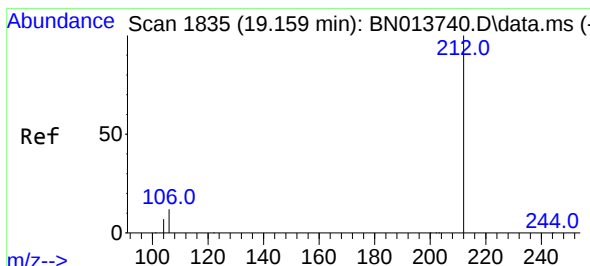
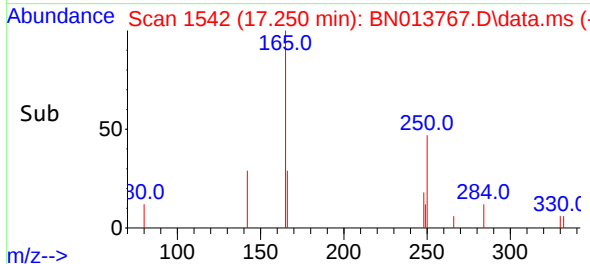
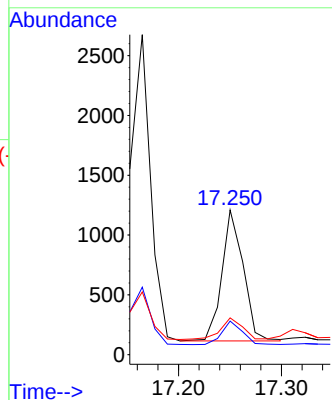
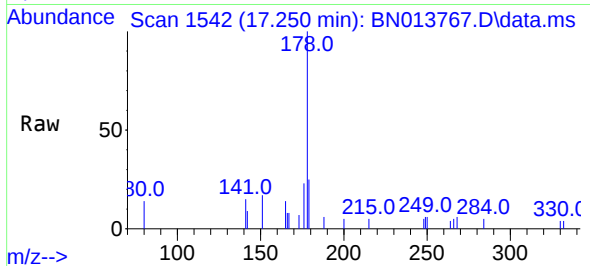


#26
 Anthracene
 Concen: 0.02 ng
 RT: 17.250 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-119-129-022221

Tgt Ion:178 Resp: 1578

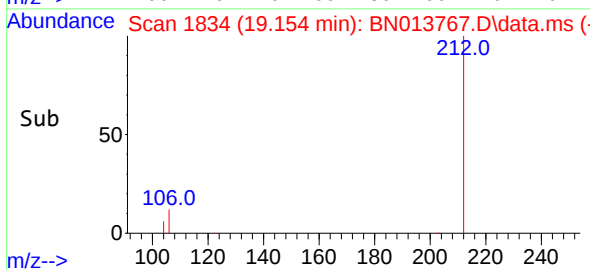
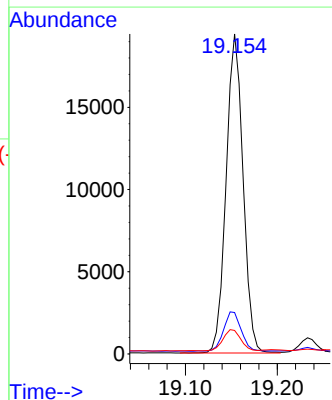
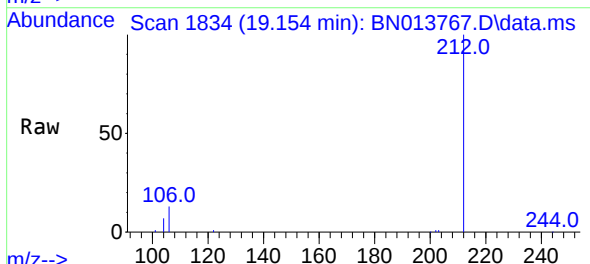
Ion	Ratio	Lower	Upper
178	100		
176	17.0	14.6	21.8
179	16.8	12.2	18.2

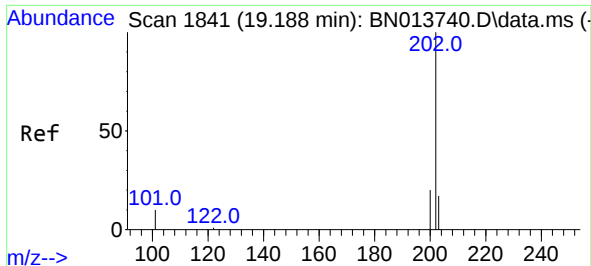


#27
 Fluoranthene-d10
 Concen: 0.31 ng
 RT: 19.154 min Scan# 1834
 Delta R.T. -0.002 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

Tgt Ion:212 Resp: 24913

Ion	Ratio	Lower	Upper
212	100		
106	12.8	9.7	14.5
104	6.9	5.5	8.3

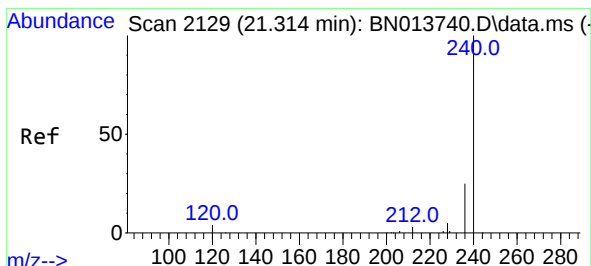
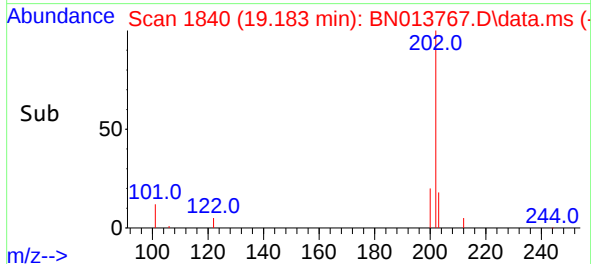
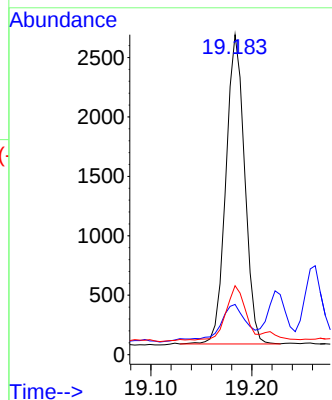
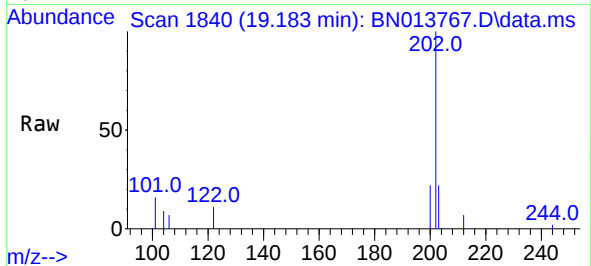




#28
Fluoranthene
Concen: 0.04 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.002 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

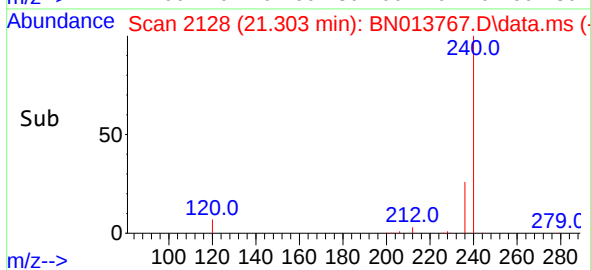
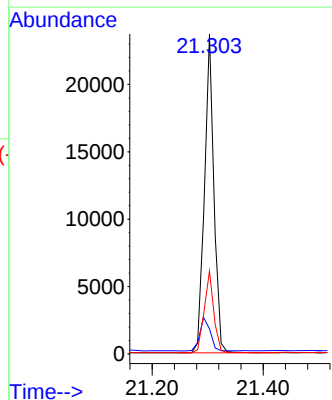
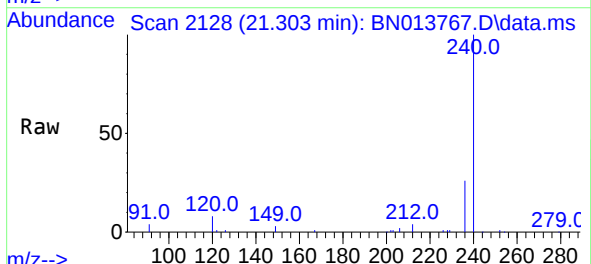
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

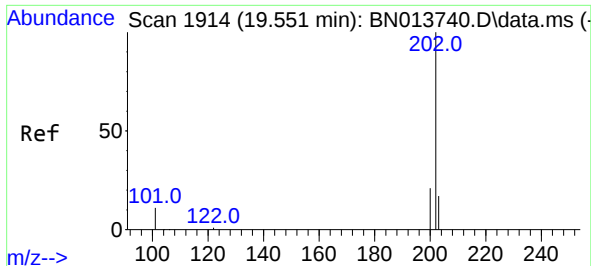
Tgt Ion:202 Resp: 3360
Ion Ratio Lower Upper
202 100
101 17.6 8.1 12.1#
203 18.1 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:240 Resp: 28131
Ion Ratio Lower Upper
240 100
120 7.9 10.2 15.4#
236 25.9 21.3 31.9

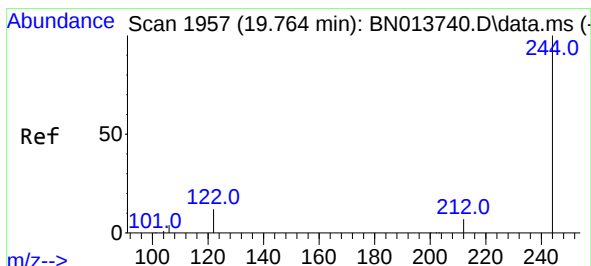
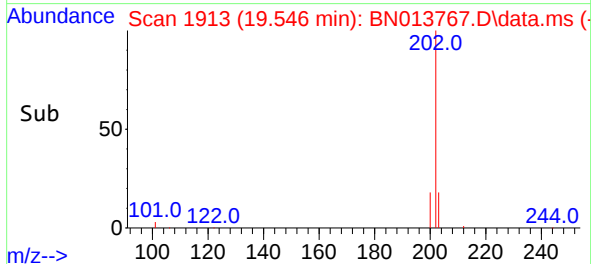
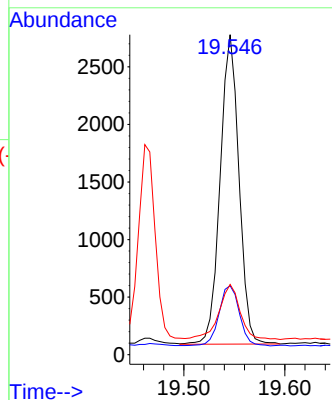
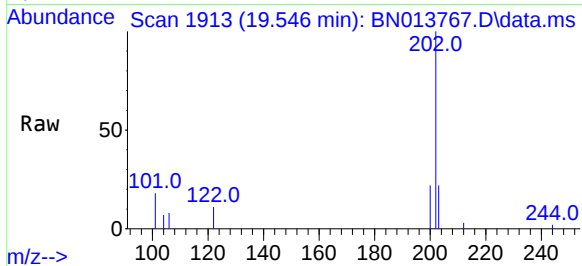




#30
 Pyrene
 Concen: 0.04 ng
 RT: 19.546 min Scan# 1913
 Delta R.T. -0.002 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

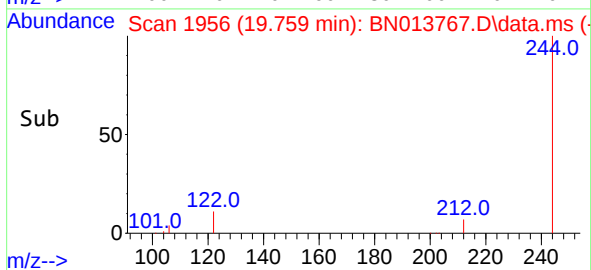
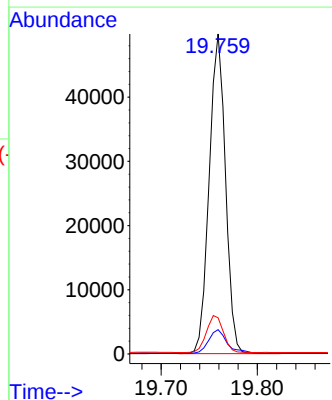
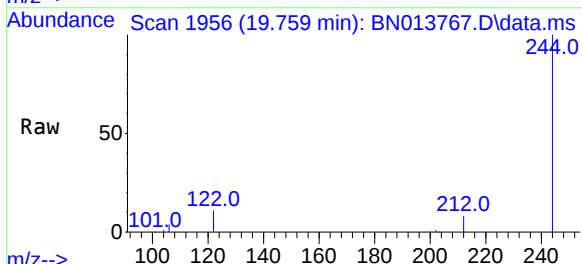
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-119-129-022221

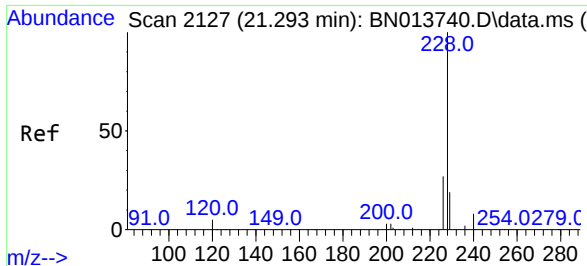
Tgt Ion:	202	Resp:	3472
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.3	24.5
203	20.1	14.0	21.0



#31
 Terphenyl-d14
 Concen: 0.94 ng
 RT: 19.759 min Scan# 1956
 Delta R.T. -0.002 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

Tgt Ion:	244	Resp:	58300
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.1	9.1
122	11.3	9.8	14.8

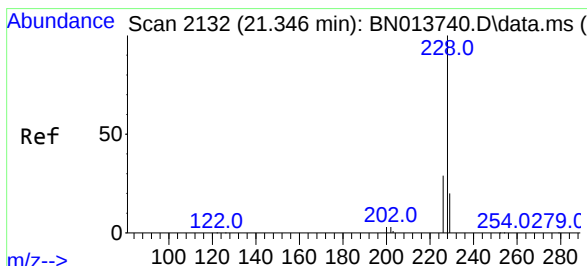
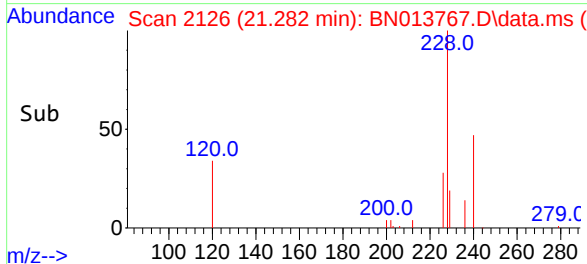
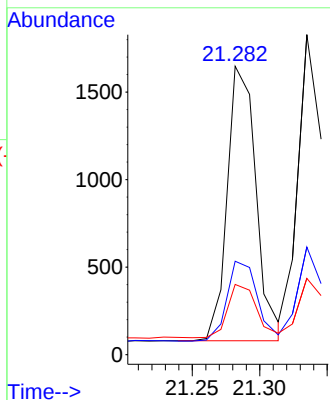
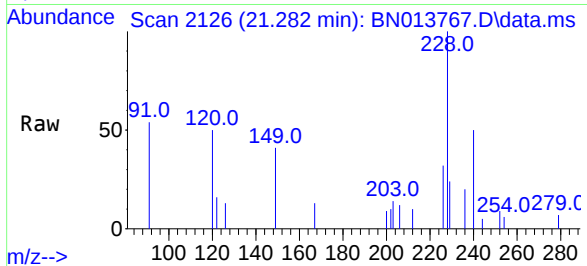




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

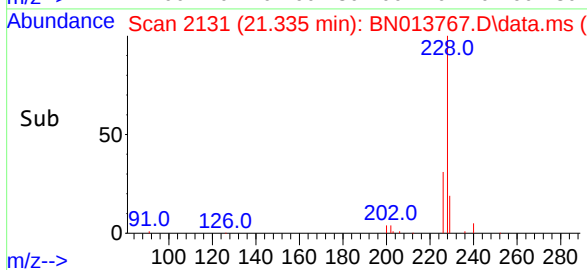
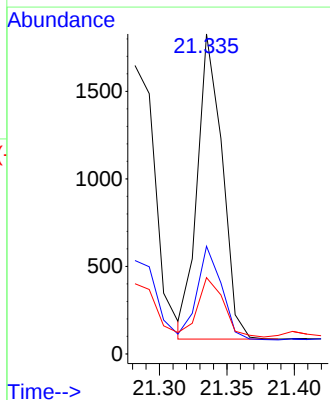
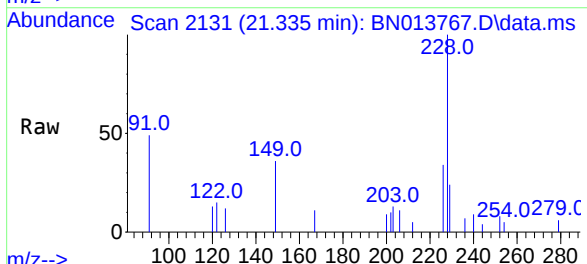
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

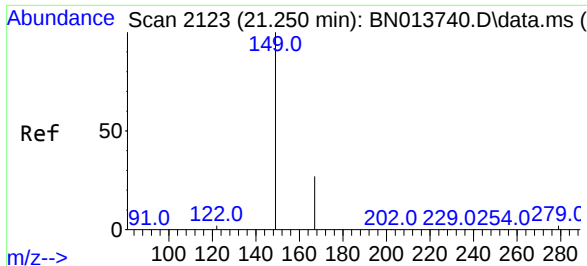
Tgt Ion:228 Resp: 2330
Ion Ratio Lower Upper
228 100
226 32.4 20.5 30.7#
229 24.3 16.2 24.4



#33
Chrysene
Concen: 0.03 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:228 Resp: 2230
Ion Ratio Lower Upper
228 100
226 33.6 24.3 36.5
229 23.9 15.1 22.7#

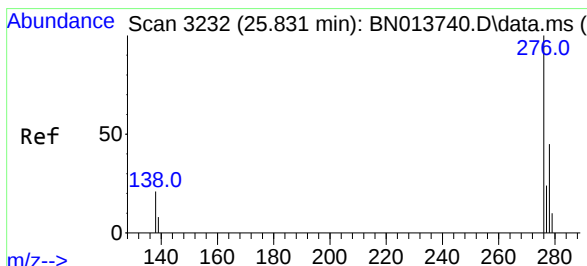
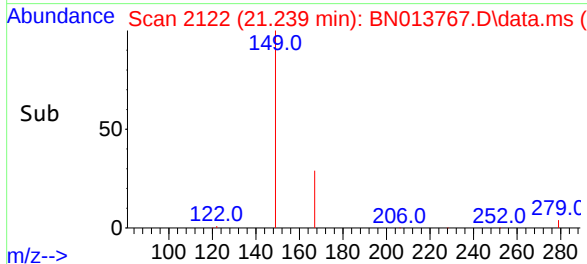
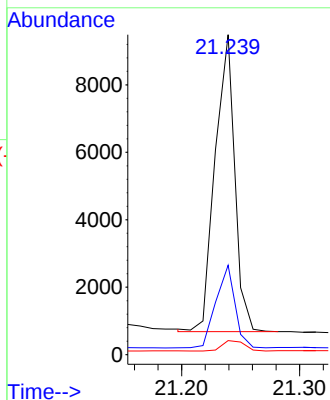
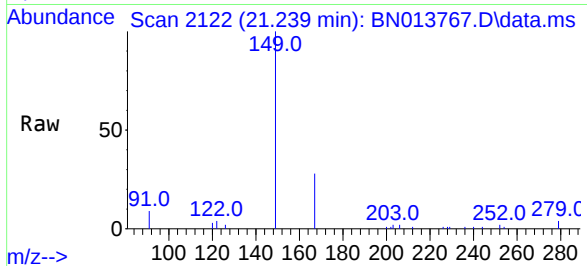




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

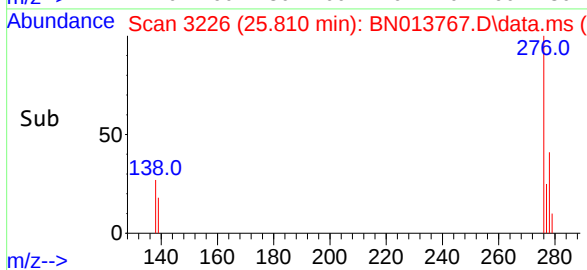
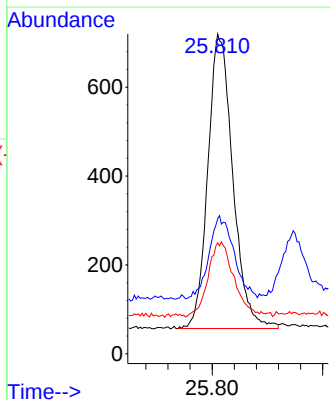
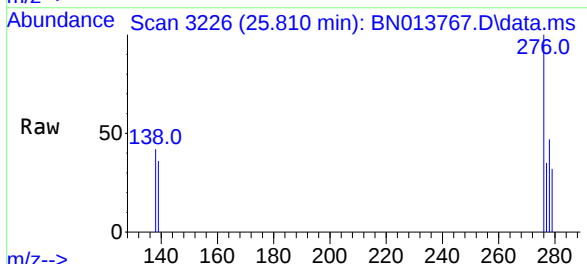
Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

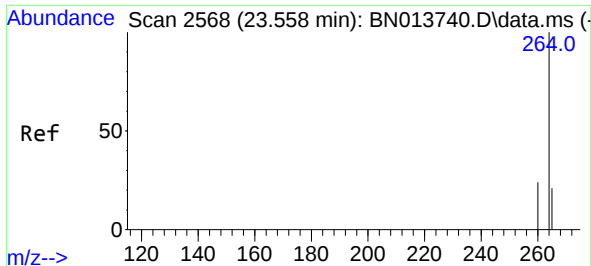
Tgt Ion:149 Resp: 10172
Ion Ratio Lower Upper
149 100
167 27.0 22.1 33.1
279 4.1 3.5 5.3



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.810 min Scan# 3226
Delta R.T. -0.008 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:276 Resp: 2080
Ion Ratio Lower Upper
276 100
138 28.0 19.8 29.6
277 26.3 19.9 29.9

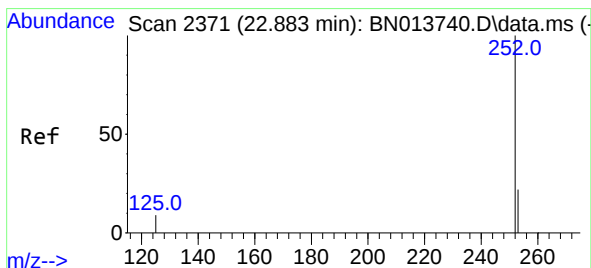
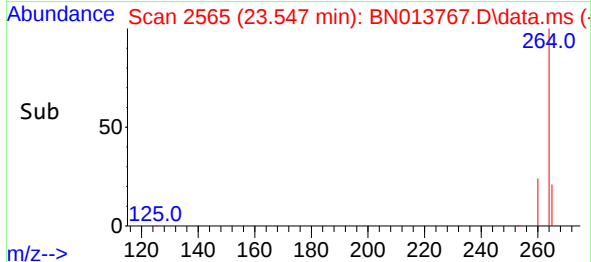
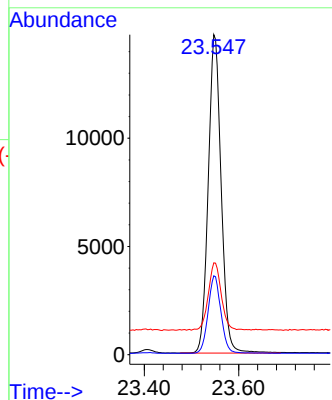
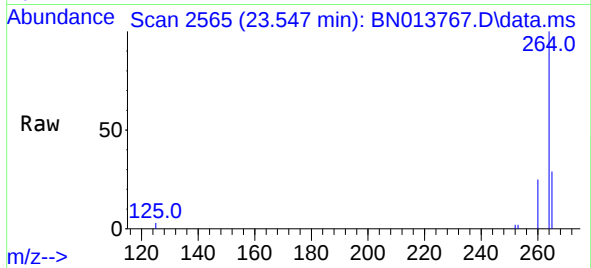




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.547 min Scan# 2565
 Delta R.T. -0.004 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

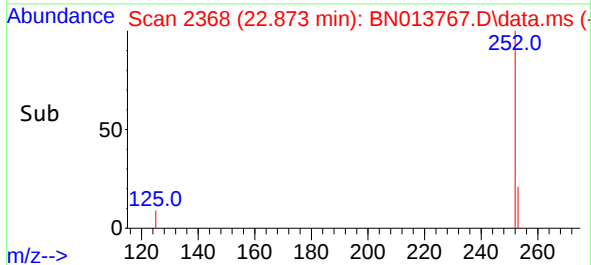
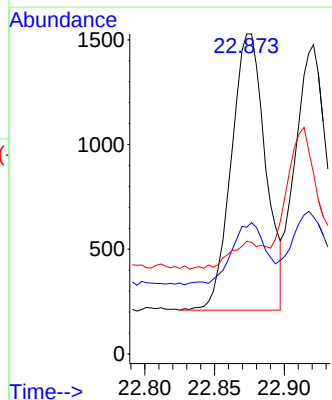
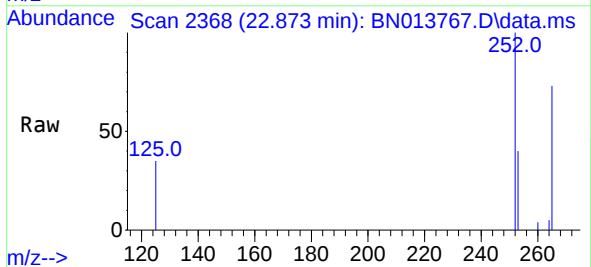
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-119-129-022221

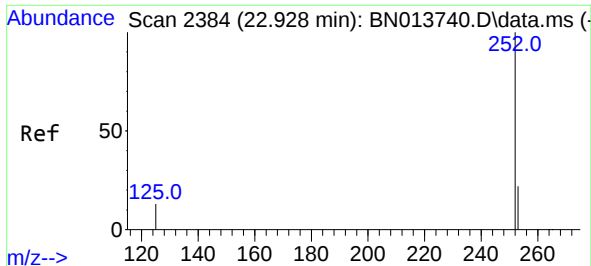
Tgt Ion:264	Resp:	27792
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.3 28.9
265	28.7	66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.873 min Scan# 2368
 Delta R.T. -0.004 min
 Lab File: BN013767.D
 Acq: 25 Feb 2021 14:24

Tgt Ion:252	Resp:	2255
Ion Ratio	Lower	Upper
252	100	
253	39.6	20.4 30.6#
125	35.2	11.6 17.4#

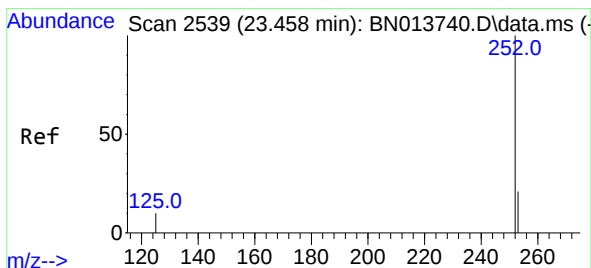
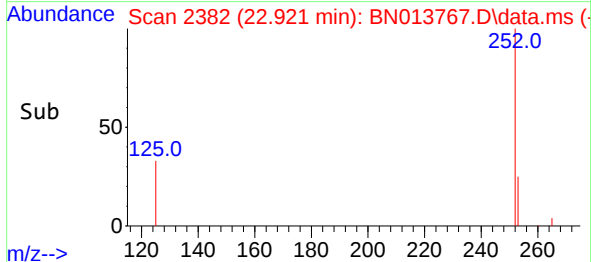
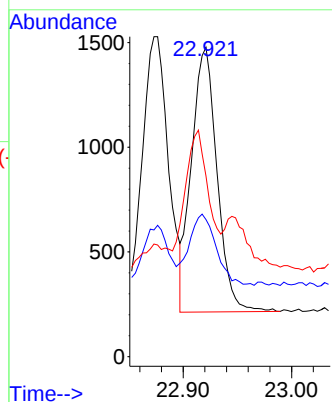
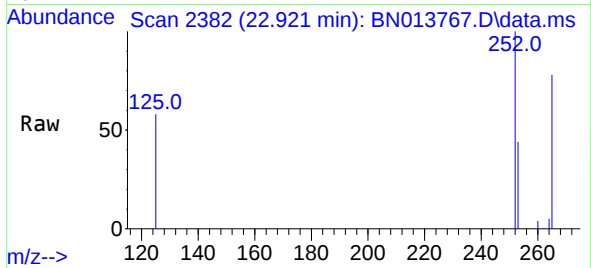




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.921 min Scan# 2382
Delta R.T. -0.001 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

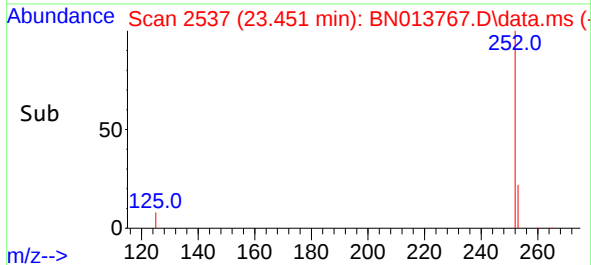
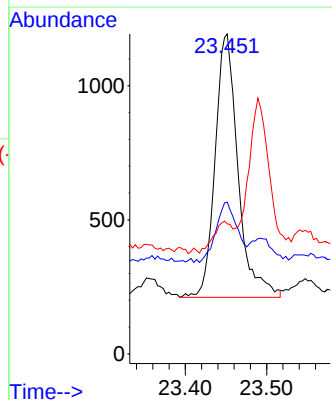
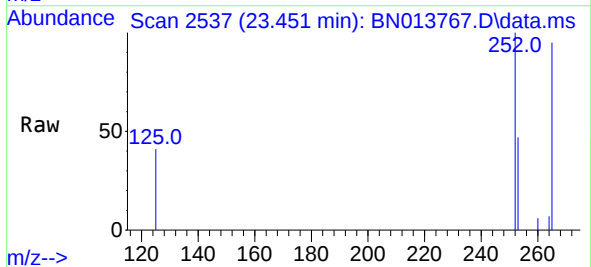
Instrument :
BNA_N
ClientSampleId :
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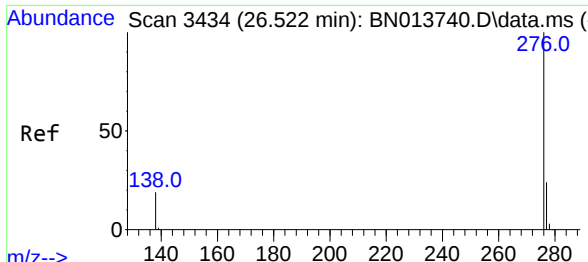
Tgt Ion:252 Resp: 2069
Ion Ratio Lower Upper
252 100
253 44.3 20.5 30.7#
125 58.4 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.451 min Scan# 2537
Delta R.T. -0.004 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Tgt Ion:252 Resp: 1921
Ion Ratio Lower Upper
252 100
253 47.4 21.8 32.6#
125 40.7 14.6 21.8#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.505 min Scan# 3429
Delta R.T. -0.004 min
Lab File: BN013767.D
Acq: 25 Feb 2021 14:24

Instrument :
BNA_N
ClientSampleId :
GWBR1-119-129-022221

Tgt Ion:276 Resp: 1752
Ion Ratio Lower Upper
276 100
277 33.8 20.0 30.0#
138 36.8 17.8 26.8#

