

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013770.D
 Acq On : 25 Feb 2021 16:12
 Operator : CG/JU
 Sample : M1484-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW804-10-15-022421

Quant Time: Feb 25 16:43:52 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)

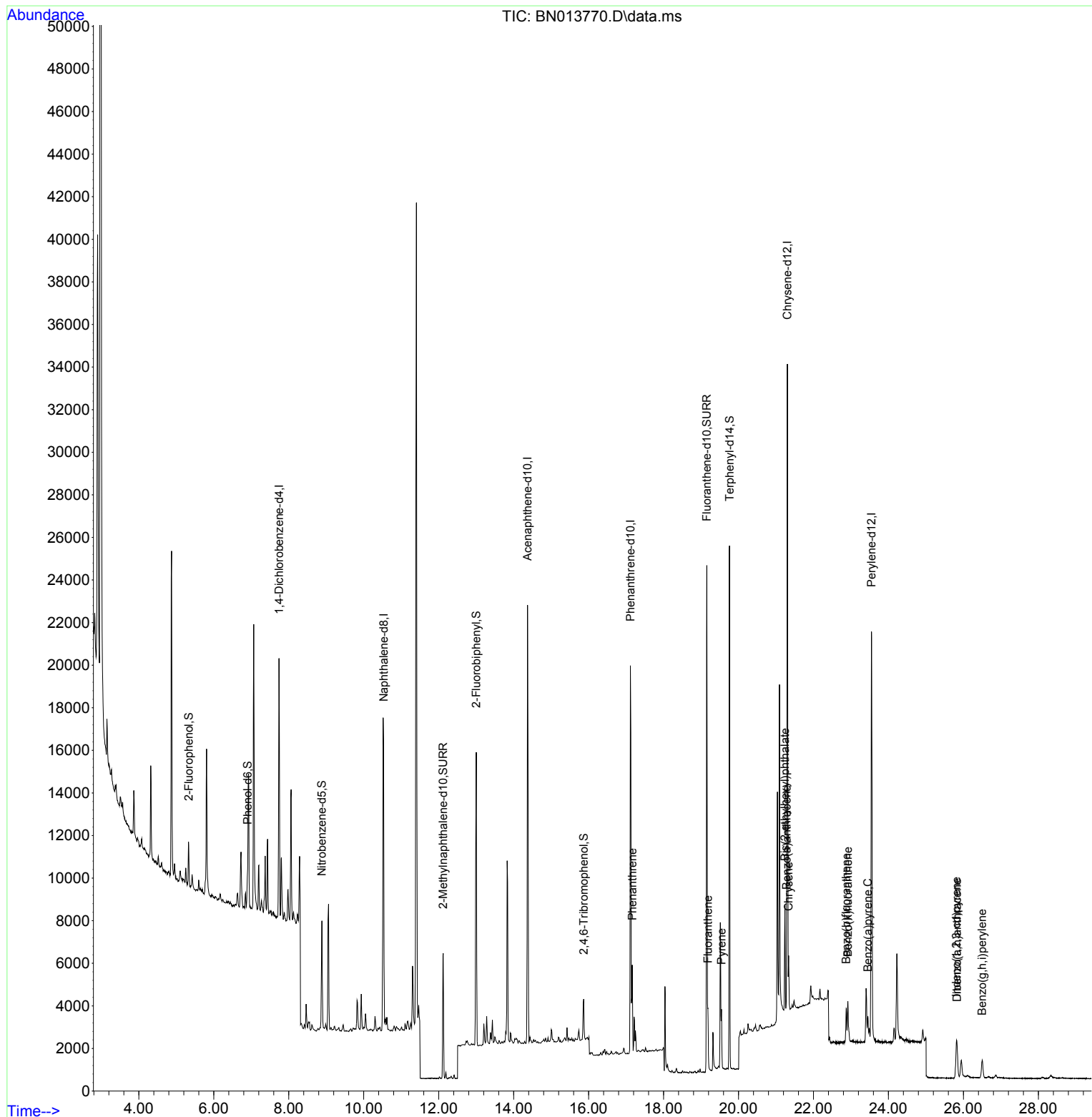
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5298	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	20929	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	12011	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	25779	0.40	ng	-0.01
29) Chrysene-d12	21.303	240	26147	0.40	ng	# 0.00
36) Perylene-d12	23.547	264	24870	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	1568	0.11	ng	0.00
5) Phenol-d6	6.903	99	1207	0.06	ng	0.00
8) Nitrobenzene-d5	8.883	82	3766	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	7777	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	1578	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	11585	0.27	ng	0.00
27) Fluoranthene-d10	19.154	212	25797	0.34	ng	0.00
31) Terphenyl-d14	19.759	244	24066	0.42	ng	0.00
Target Compounds						
25) Phenanthrene	17.165	178	4227	0.06	ng	Qvalue 97
28) Fluoranthene	19.183	202	2429	0.03	ng	# 92
30) Pyrene	19.546	202	2373	0.03	ng	# 95
32) Benzo(a)anthracene	21.282	228	1955	0.02	ng	# 89
33) Chrysene	21.335	228	1905	0.02	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.239	149	4769	0.12	ng	99
35) Indeno(1,2,3-cd)pyrene	25.813	276	2086	0.02	ng	# 93
37) Benzo(b)fluoranthene	22.873	252	2026	0.03	ng	# 60
38) Benzo(k)fluoranthene	22.918	252	1916	0.02	ng	# 33
39) Benzo(a)pyrene	23.452	252	1737	0.02	ng	# 54
40) Dibenzo(a,h)anthracene	25.834	278	1720	0.02	ng	# 57
41) Benzo(g,h,i)perylene	26.501	276	1740	0.02	ng	# 74

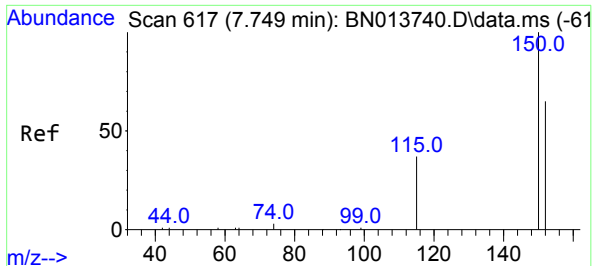
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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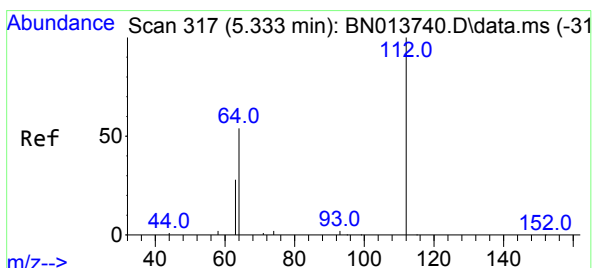
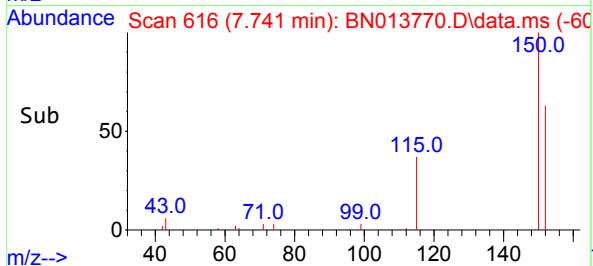
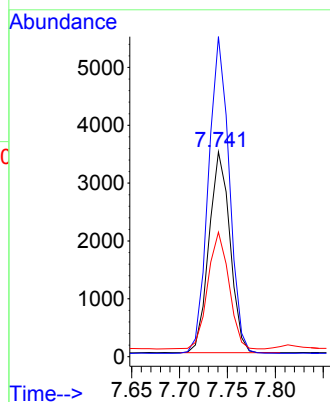
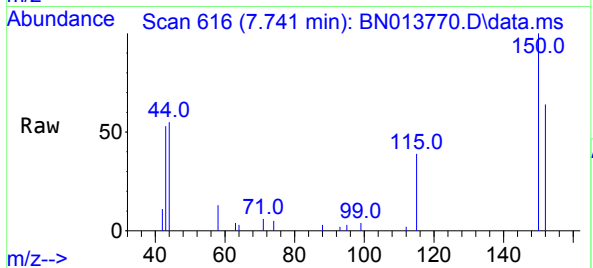




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

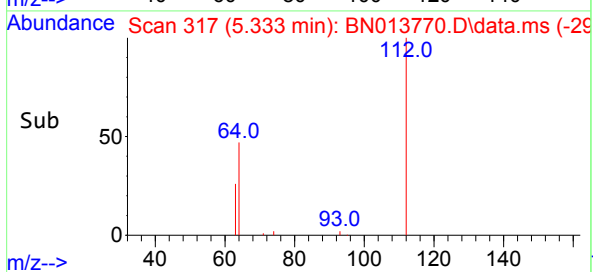
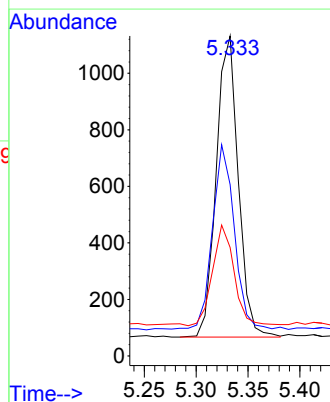
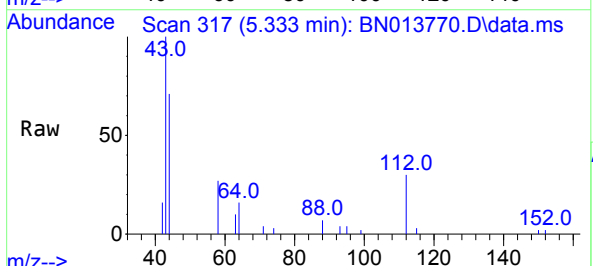
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BNA_N
ClientSampleId :
GW804-10-15-022421

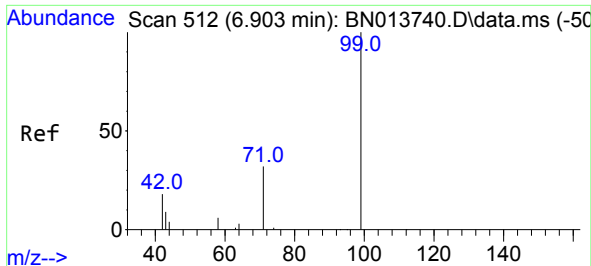
Tgt Ion:152 Resp: 5298
Ion Ratio Lower Upper
152 100
150 156.2 121.8 182.8
115 60.8 46.6 69.8



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:112 Resp: 1568
Ion Ratio Lower Upper
112 100
64 62.1 44.3 66.5
63 32.8 23.0 34.6

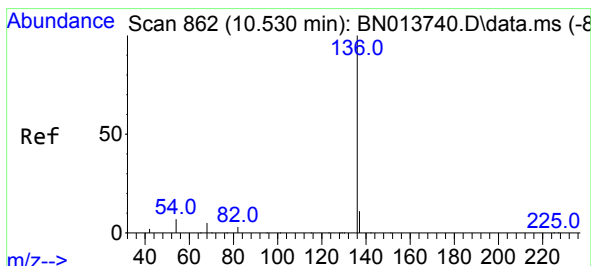
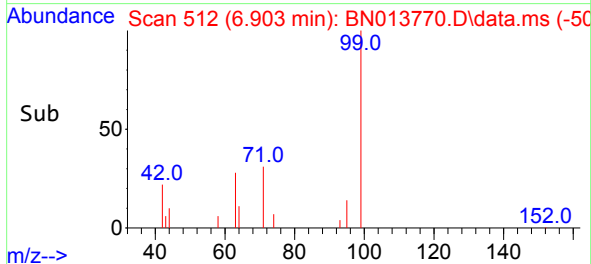
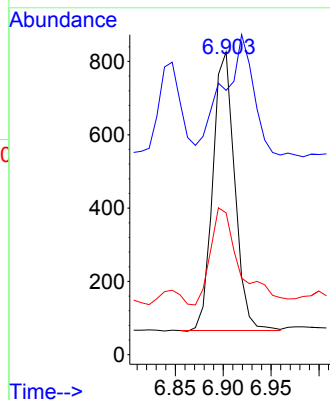
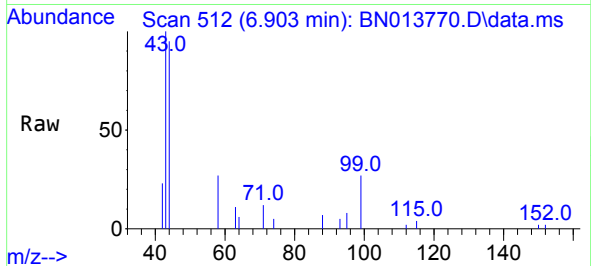




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

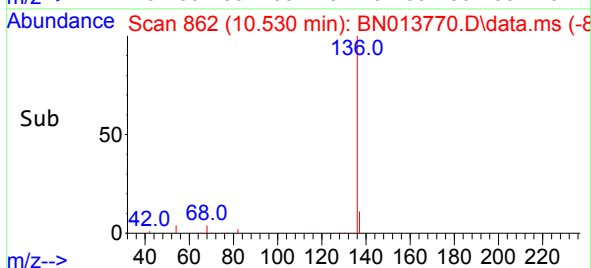
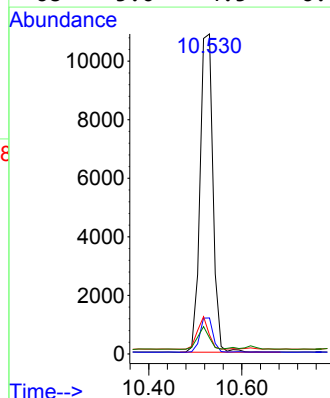
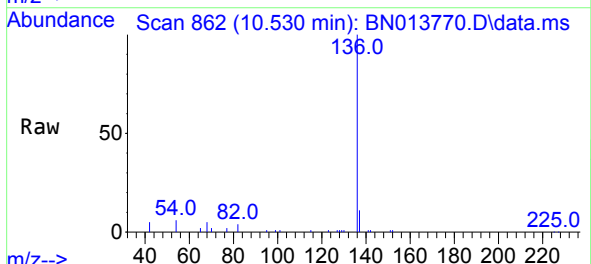
Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

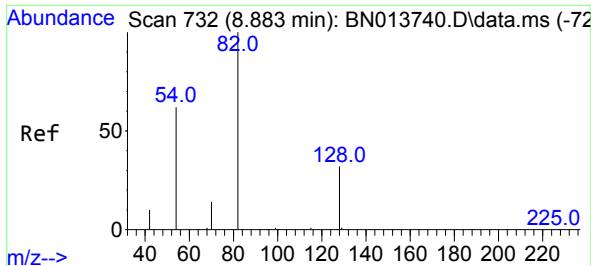
Tgt Ion: 99 Resp: 1207
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 46.8 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion: 136 Resp: 20929
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 6.0 6.4 9.6#
68 5.0 4.5 6.7

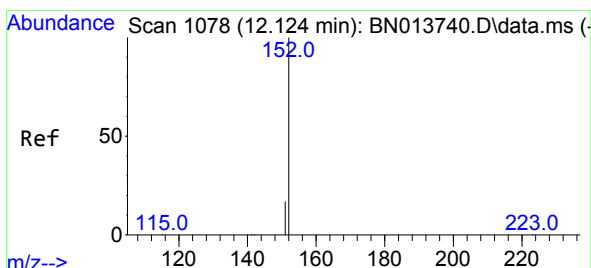
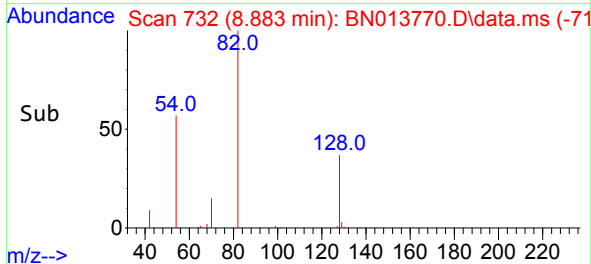
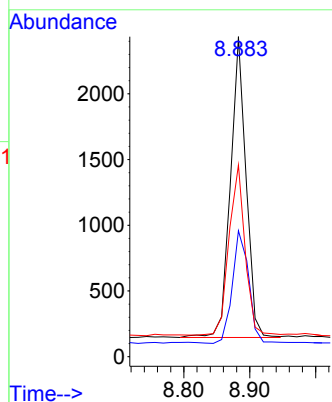
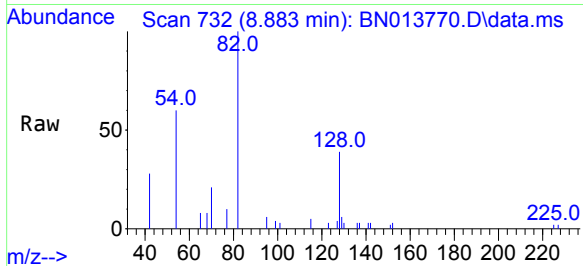




#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

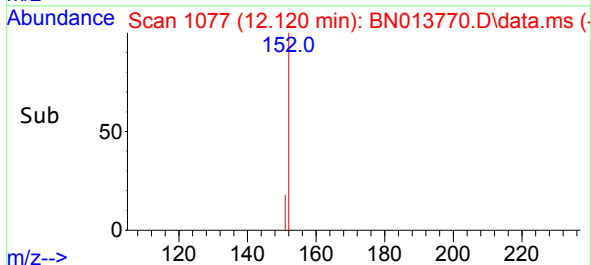
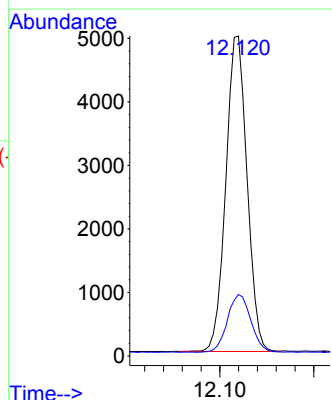
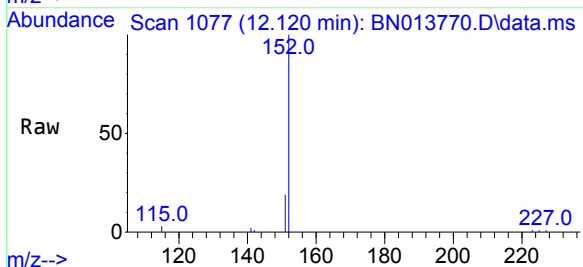
Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

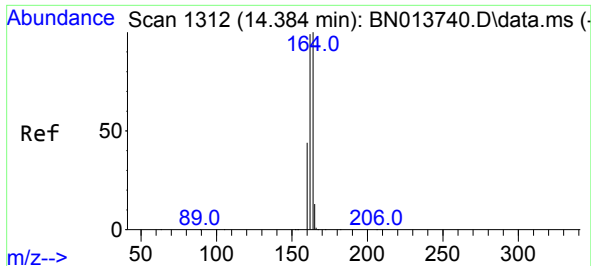
Tgt Ion: 82 Resp: 3766
Ion Ratio Lower Upper
82 100
128 39.3 39.2 58.8
54 59.9 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion: 152 Resp: 7777
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2



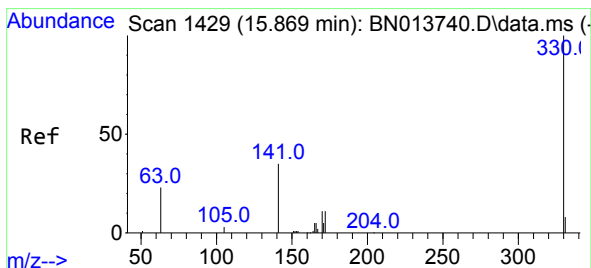
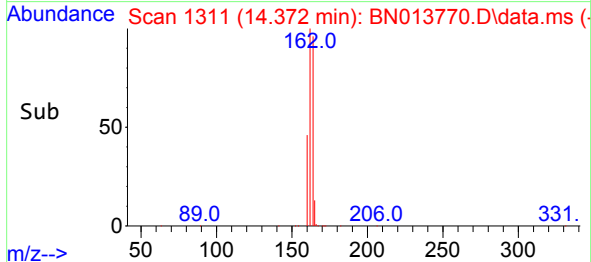
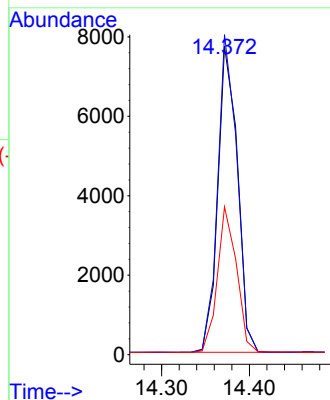
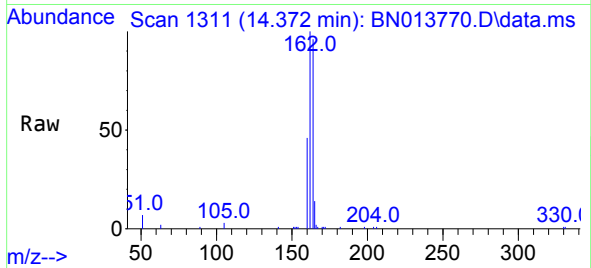


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

Tgt Ion:164 Resp: 12011

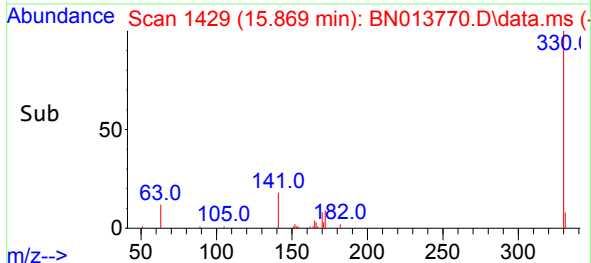
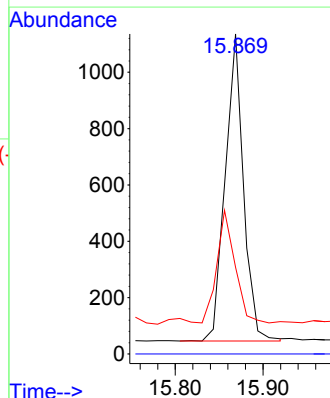
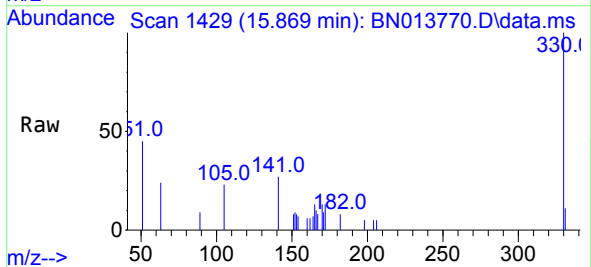
Ion	Ratio	Lower	Upper
164	100		
162	103.8	79.6	119.4
160	47.9	36.0	54.0

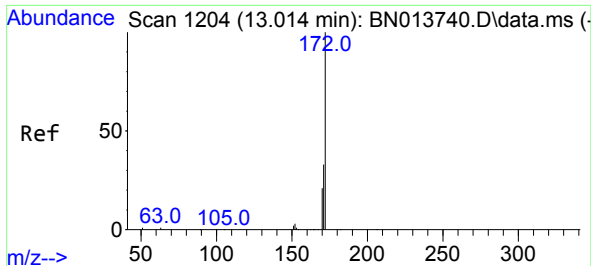


#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:330 Resp: 1578

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.2	26.8	40.2

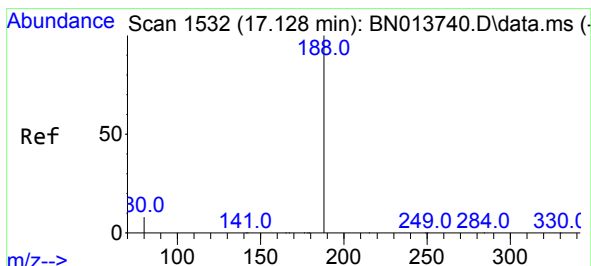
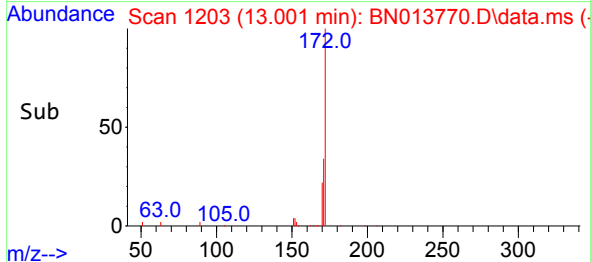
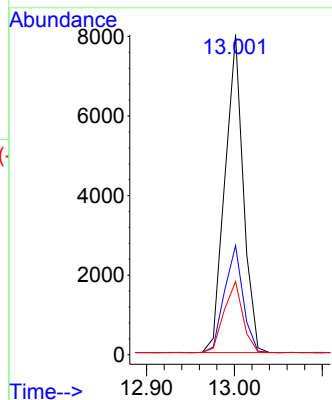
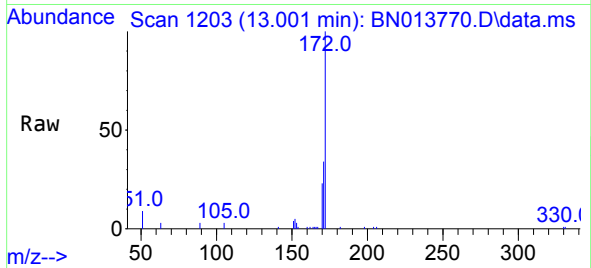




#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

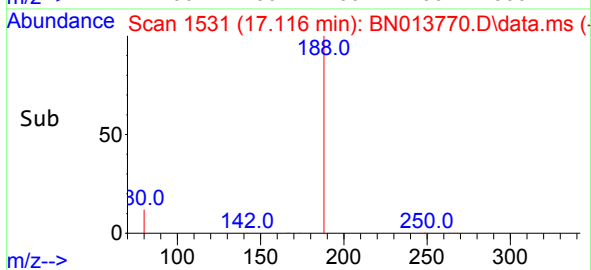
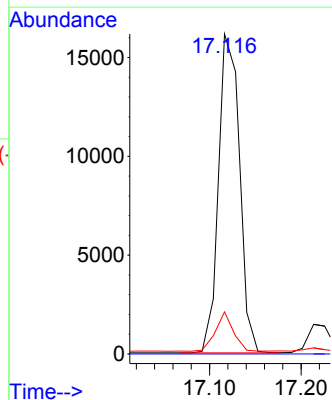
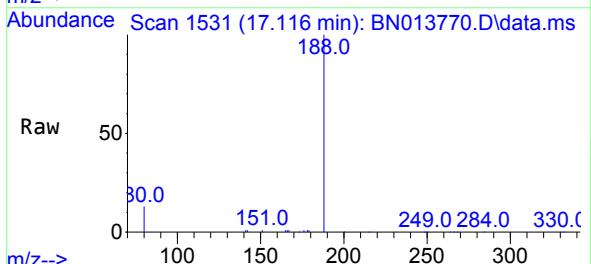
Instrument :
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ClientSampleId :
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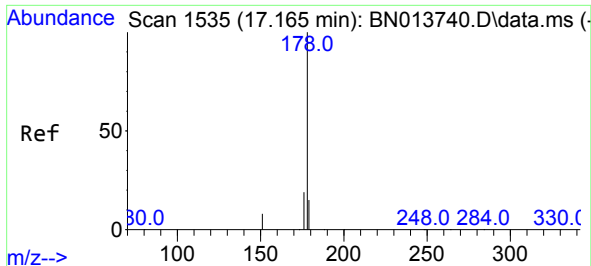
Tgt Ion:172	Resp:	11585
Ion Ratio	Lower	Upper
172	100	
171	34.1	28.6 42.8
170	22.9	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:188	Resp:	25779
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.1	9.0 13.6

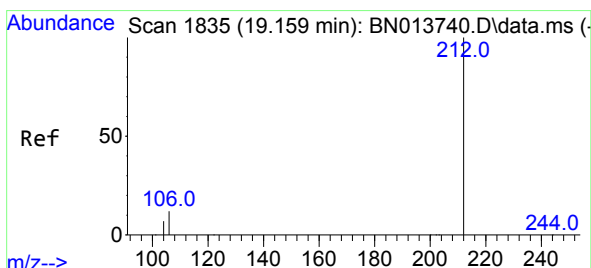
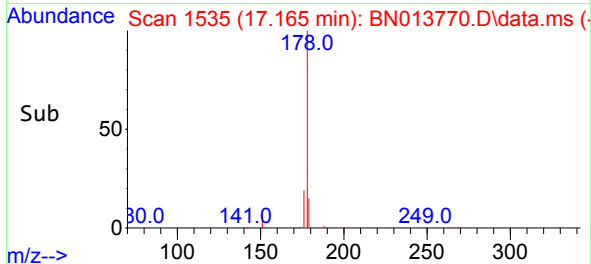
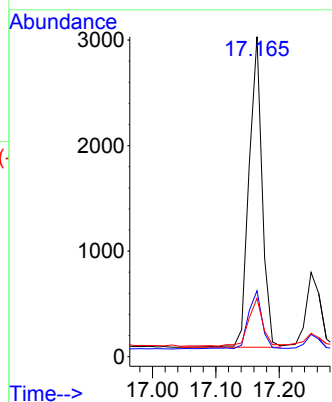
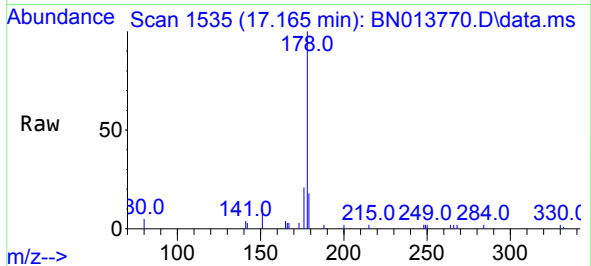




#25
Phenanthrene
Concen: 0.06 ng
RT: 17.165 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

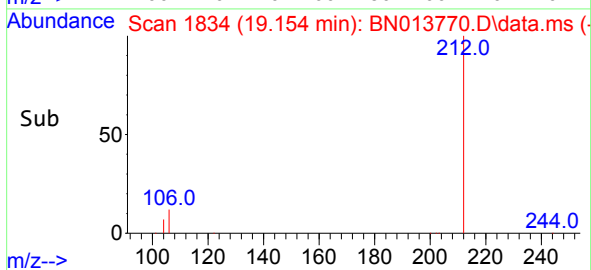
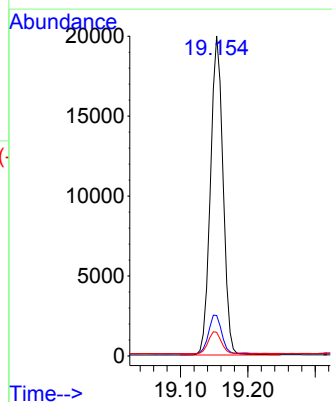
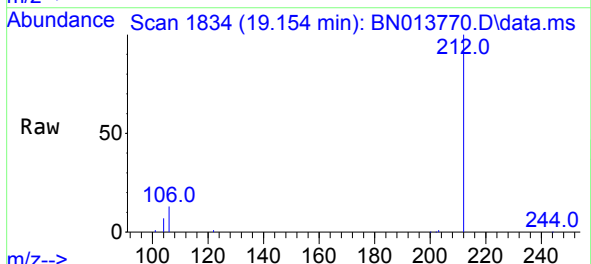
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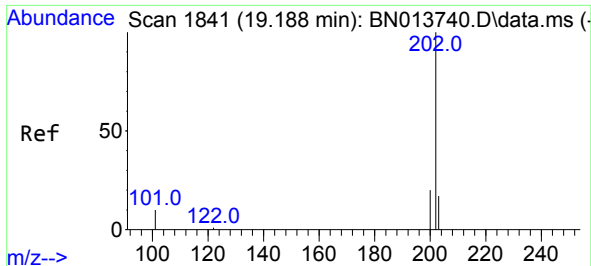
Tgt Ion:178	Resp:	4227
Ion Ratio	Lower	Upper
178	100	
176	20.2	15.0 22.4
179	16.1	12.3 18.5



#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:212	Resp:	25797
Ion Ratio	Lower	Upper
212	100	
106	12.9	9.7 14.5
104	7.1	5.5 8.3

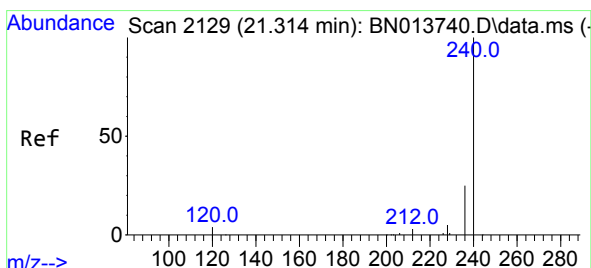
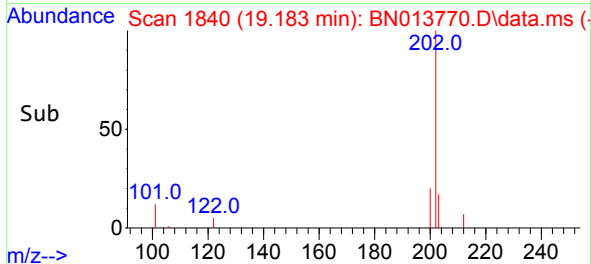
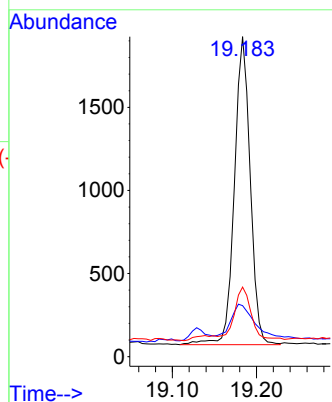
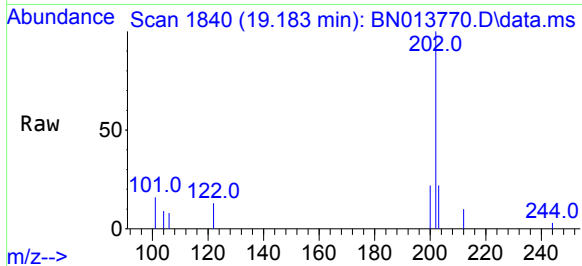




#28
Fluoranthene
Concen: 0.03 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.002 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

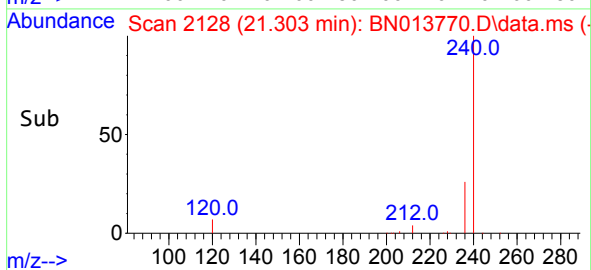
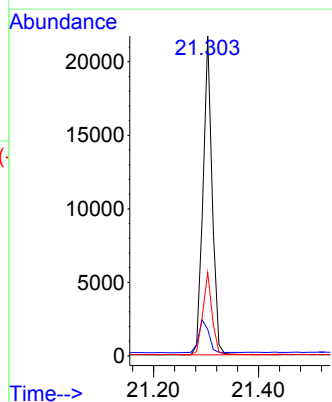
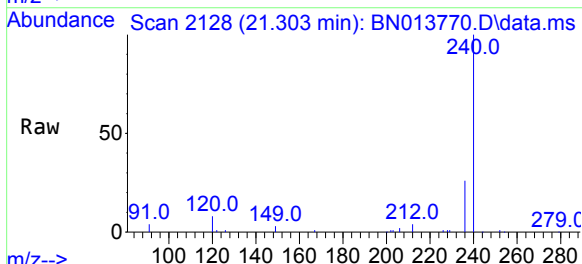
Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

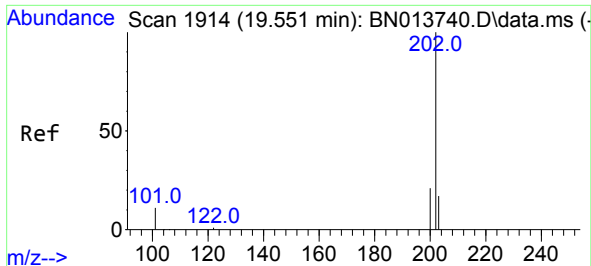
Tgt Ion:202 Resp: 2429
Ion Ratio Lower Upper
202 100
101 17.9 8.1 12.1#
203 17.7 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:240 Resp: 26147
Ion Ratio Lower Upper
240 100
120 8.3 10.2 15.4#
236 26.1 21.3 31.9

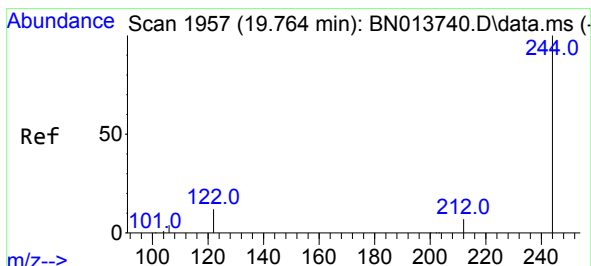
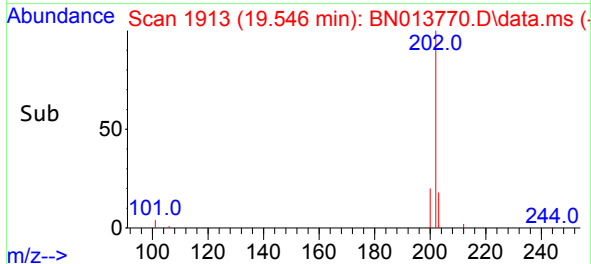
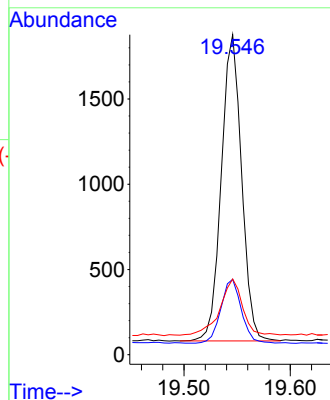
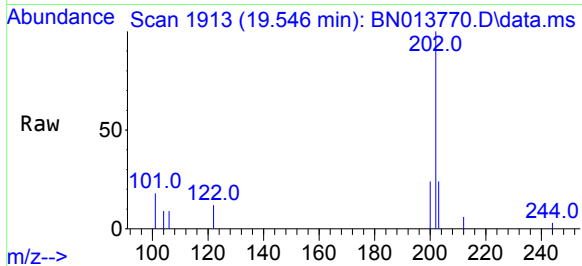




#30
Pyrene
Concen: 0.03 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.002 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

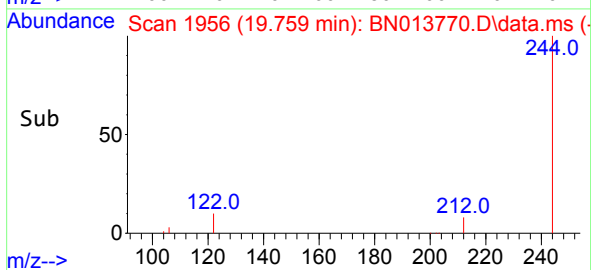
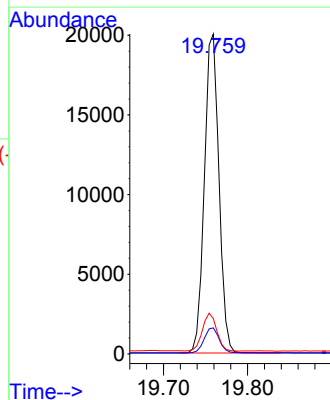
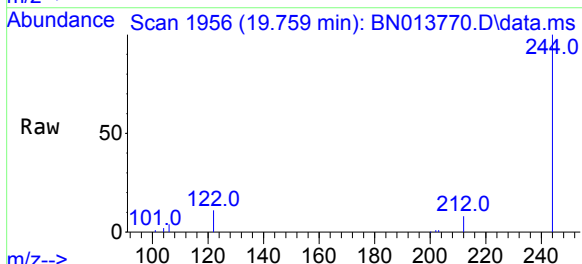
Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

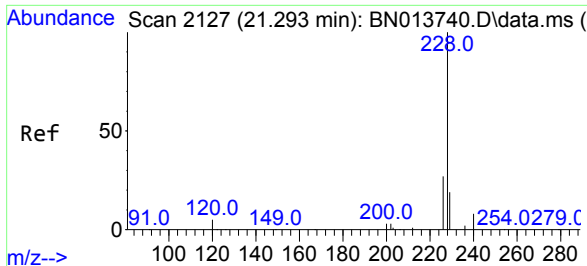
Tgt Ion:202 Resp: 2373
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 21.3 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:244 Resp: 24066
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 11.1 9.8 14.8

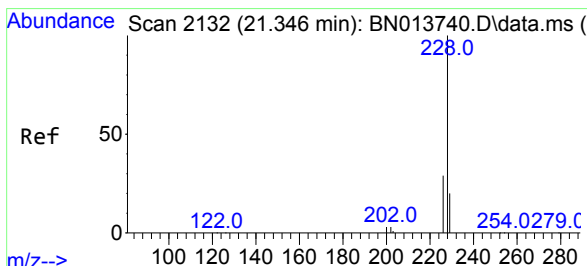
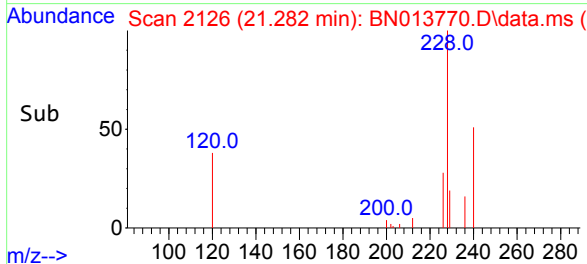
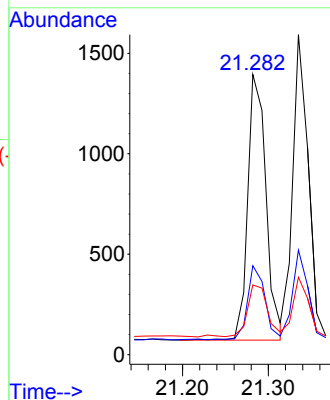
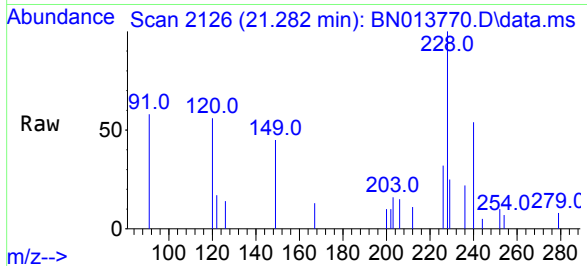




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

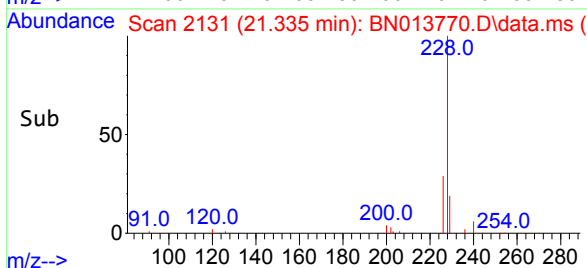
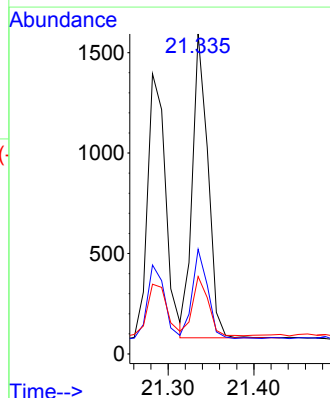
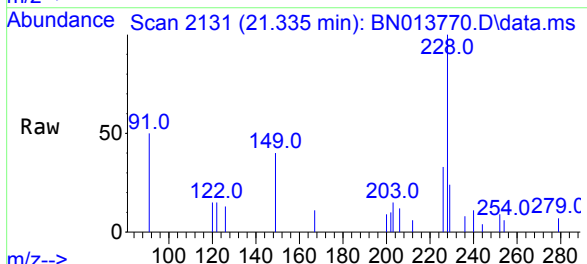
Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

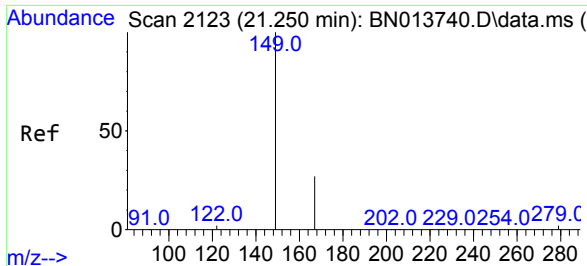
Tgt Ion:228 Resp: 1955
Ion Ratio Lower Upper
228 100
226 31.8 20.5 30.7#
229 24.9 16.2 24.4#



#33
Chrysene
Concen: 0.02 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:228 Resp: 1905
Ion Ratio Lower Upper
228 100
226 32.7 24.3 36.5
229 24.2 15.1 22.7#

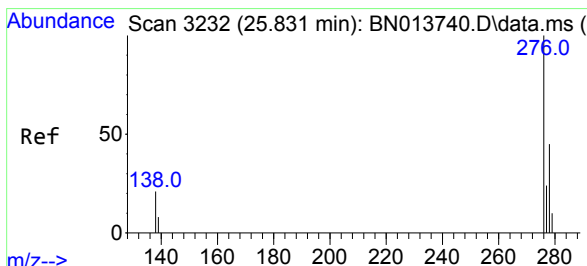
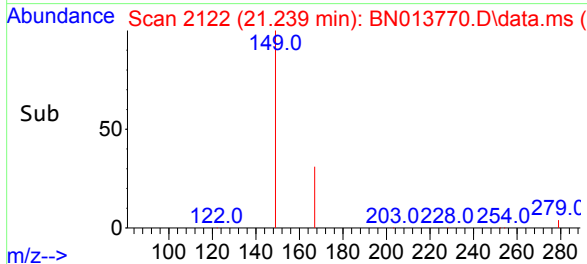
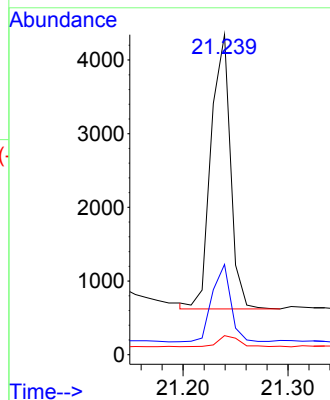
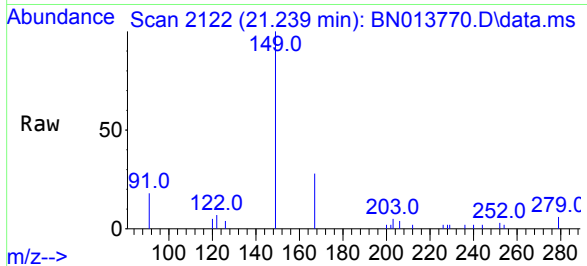




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

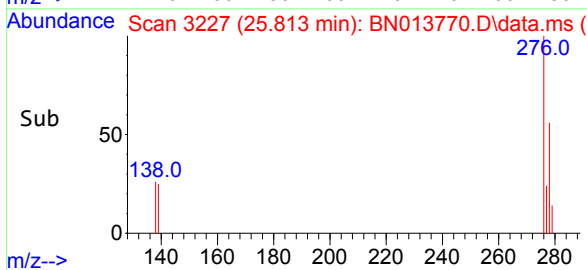
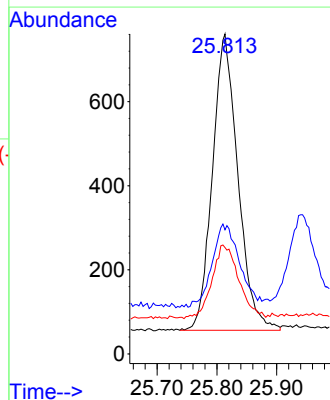
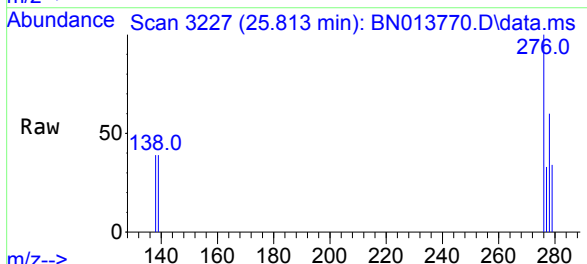
Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

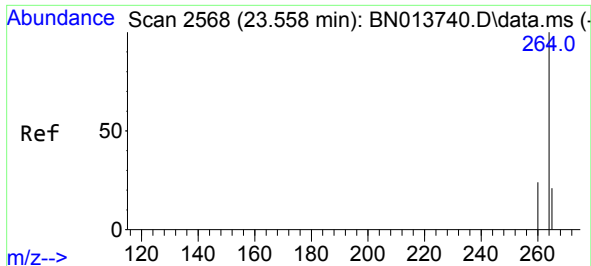
Tgt Ion:149 Resp: 4769
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.4 3.5 5.3



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.813 min Scan# 3227
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

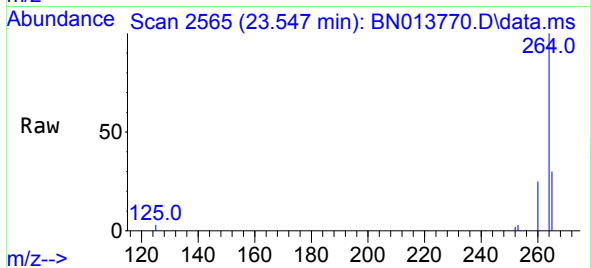
Tgt Ion:276 Resp: 2086
Ion Ratio Lower Upper
276 100
138 30.4 19.8 29.6#
277 26.3 19.9 29.9



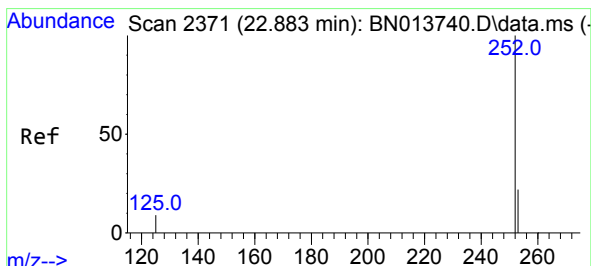
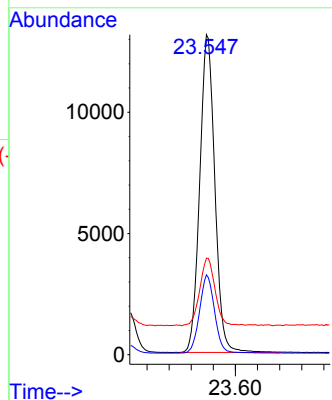
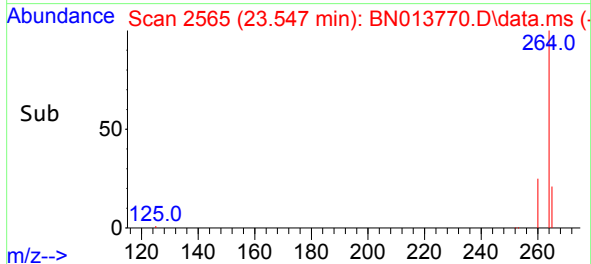


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.547 min Scan# 2565
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

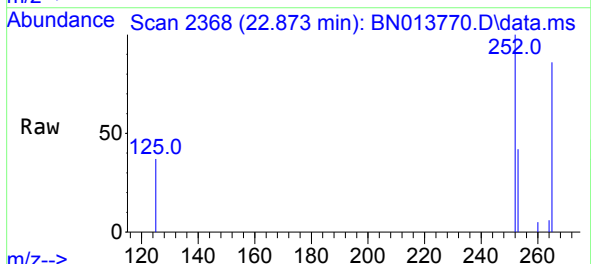
Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421



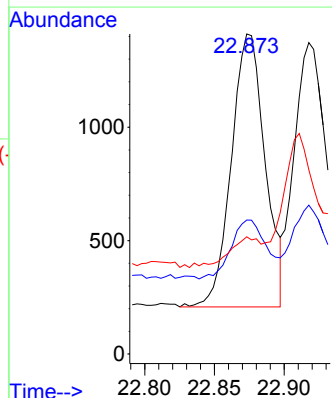
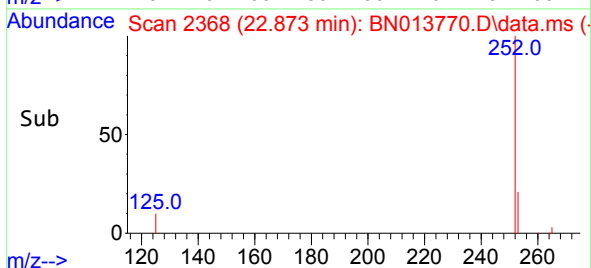
Tgt Ion:264 Resp: 24870
Ion Ratio Lower Upper
264 100
260 25.0 19.3 28.9
265 30.2 66.2 99.4#

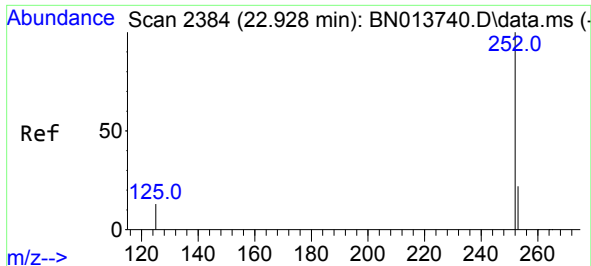


#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.873 min Scan# 2368
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12



Tgt Ion:252 Resp: 2026
Ion Ratio Lower Upper
252 100
253 41.9 20.4 30.6#
125 36.6 11.6 17.4#

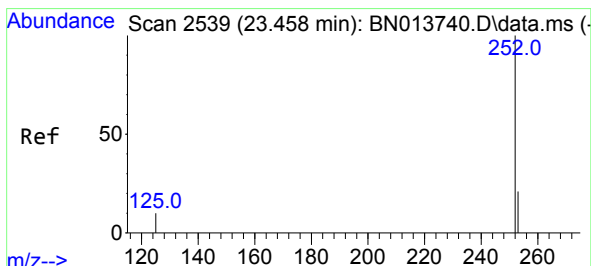
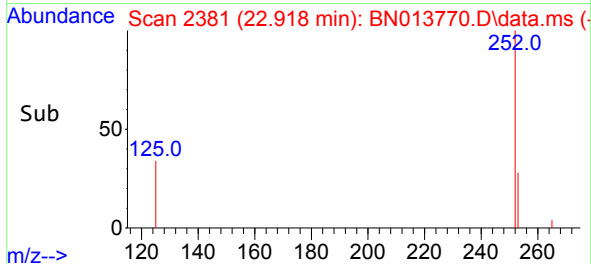
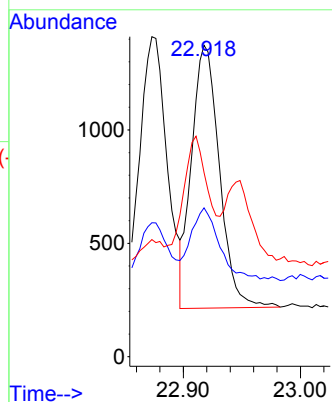
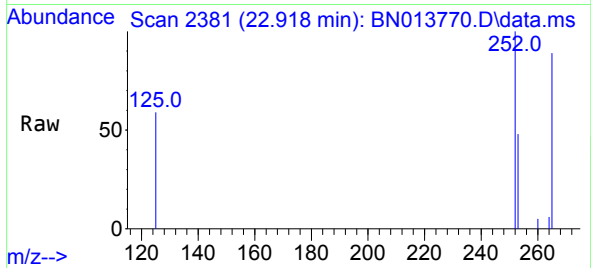




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.918 min Scan# 2381
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

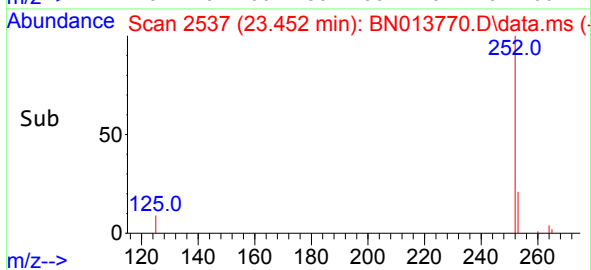
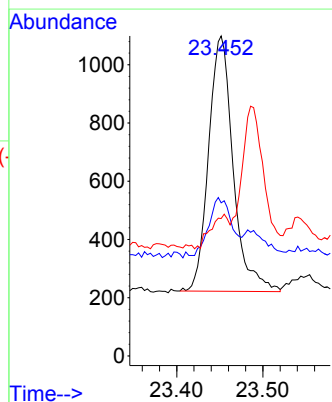
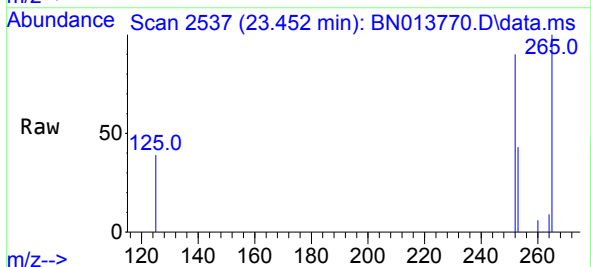
Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

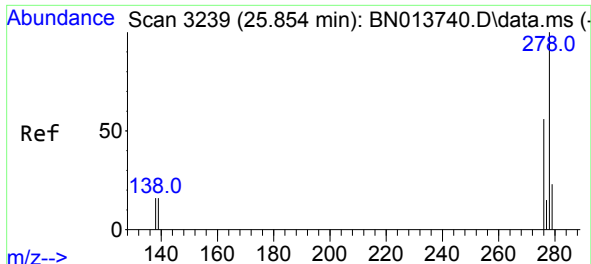
Tgt Ion:252 Resp: 1916
Ion Ratio Lower Upper
252 100
253 47.8 20.5 30.7#
125 59.1 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.452 min Scan# 2537
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:252 Resp: 1737
Ion Ratio Lower Upper
252 100
253 47.9 21.8 32.6#
125 42.9 14.6 21.8#

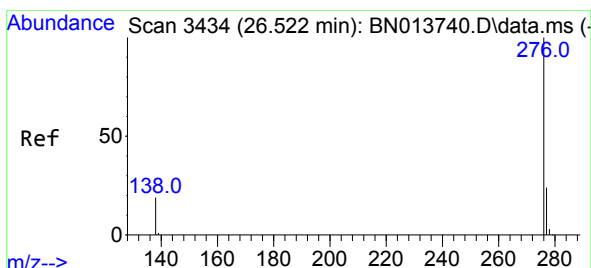
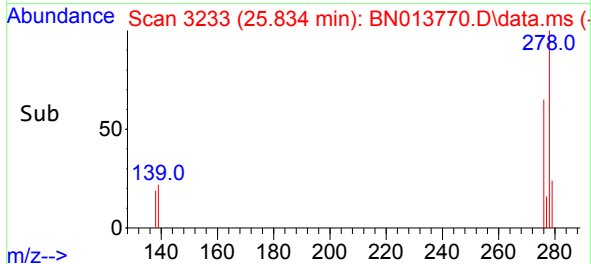
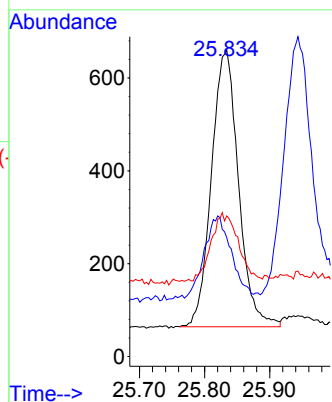
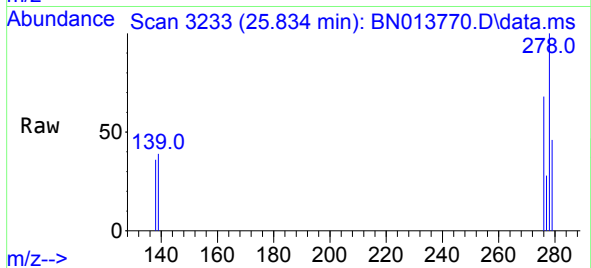




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.834 min Scan# 3233
Delta R.T. -0.004 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Instrument :
BNA_N
ClientSampleId :
GW804-10-15-022421

Tgt Ion:278 Resp: 1720
Ion Ratio Lower Upper
278 100
139 38.8 13.1 19.7#
279 45.9 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.501 min Scan# 3428
Delta R.T. -0.008 min
Lab File: BN013770.D
Acq: 25 Feb 2021 16:12

Tgt Ion:276 Resp: 1740
Ion Ratio Lower Upper
276 100
277 35.2 20.0 30.0#
138 37.3 17.8 26.8#

