

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013773.D
 Acq On : 25 Feb 2021 18:00
 Operator : CG/JU
 Sample : M1484-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW804-20-25-022421

Quant Time: Feb 26 05:20:48 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)

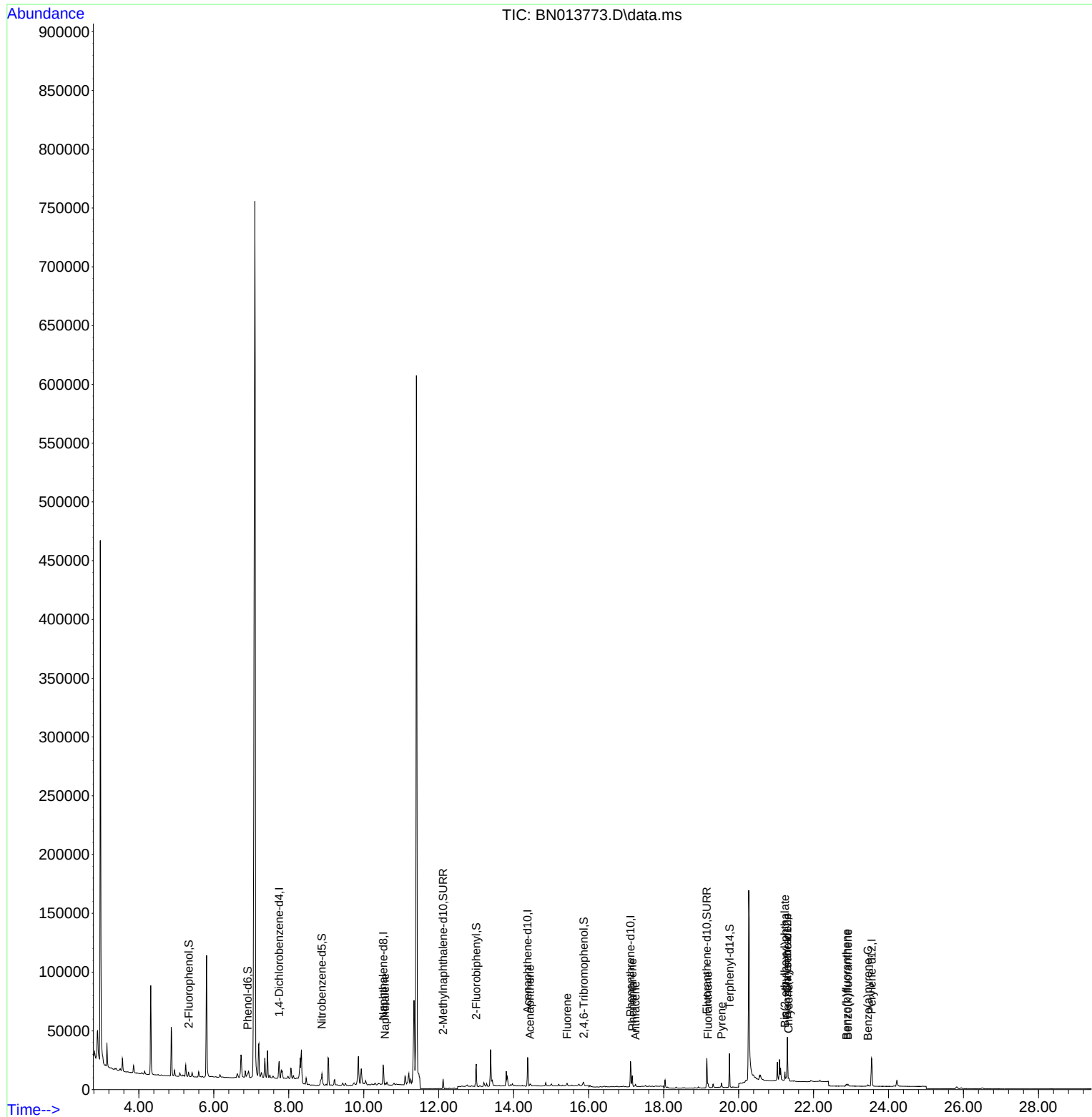
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5723	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	23032	0.40	ng	#-0.01
13) Acenaphthene-d10	14.372	164	13773	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	28863	0.40	ng	-0.01
29) Chrysene-d12	21.300	240	30917	0.40	ng	0.00
36) Perylene-d12	23.548	264	30255	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	2679	0.17	ng	0.00
5) Phenol-d6	6.903	99	2337	0.11	ng	0.00
8) Nitrobenzene-d5	8.883	82	8072	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.115	152	10399	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	2224	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	16180	0.33	ng	0.00
27) Fluoranthene-d10	19.151	212	27789	0.33	ng	0.00
31) Terphenyl-d14	19.757	244	28144	0.41	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.568	128	1612	0.03	ng	# 81
17) Acenaphthene	14.435	154	821	0.02	ng	# 87
18) Fluorene	15.425	166	1234	0.02	ng	# 84
25) Phenanthrene	17.165	178	9853	0.13	ng	99
26) Anthracene	17.250	178	1816	0.02	ng	# 93
28) Fluoranthene	19.181	202	2859	0.03	ng	# 68
30) Pyrene	19.543	202	2936	0.03	ng	# 94
32) Benzo(a)anthracene	21.290	228	2211	0.02	ng	# 80
33) Chrysene	21.332	228	2334	0.03	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.237	149	6560	0.15	ng	99
37) Benzo(b)fluoranthene	22.874	252	2062	0.02	ng	# 39
38) Benzo(k)fluoranthene	22.918	252	1935	0.02	ng	# 24
39) Benzo(a)pyrene	23.449	252	1824	0.02	ng	# 38

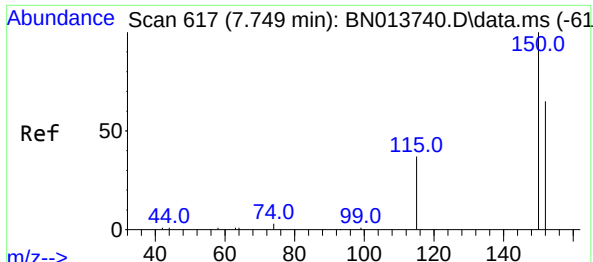
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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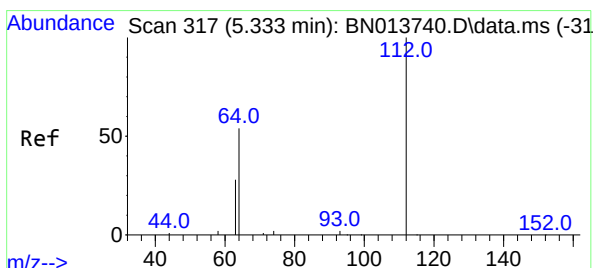
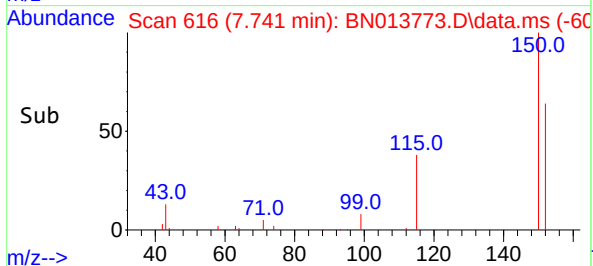
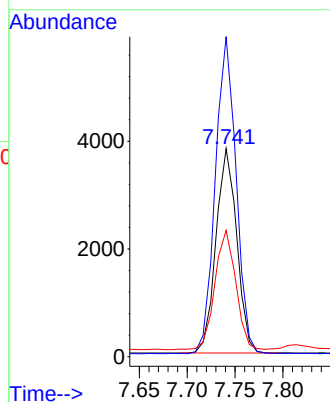
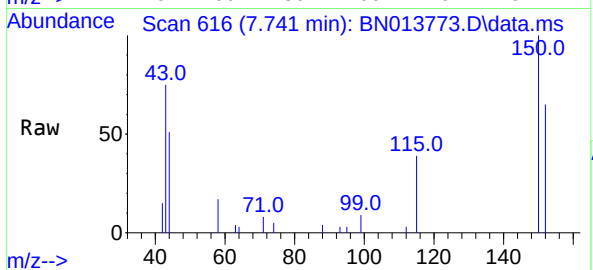




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

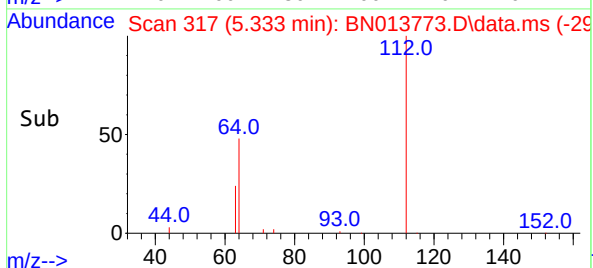
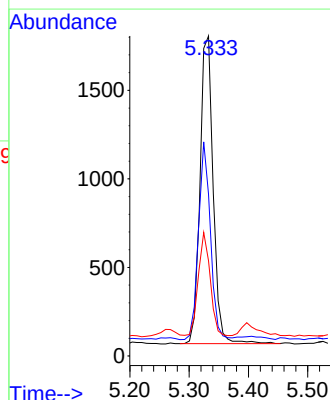
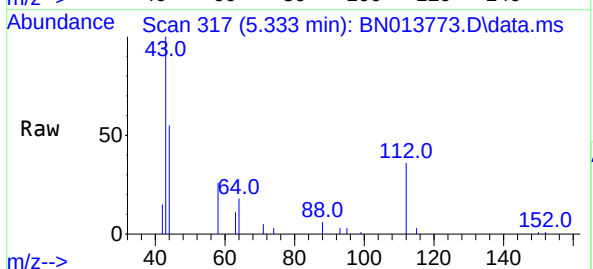
Instrument :
BNA_N
ClientSampleId :
GW804-20-25-022421

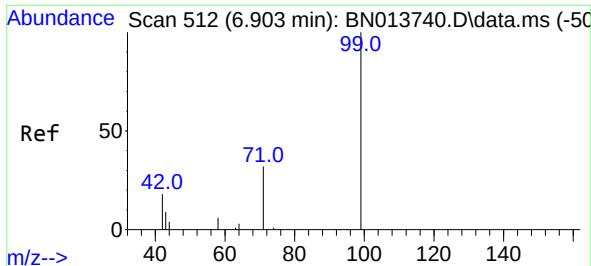
Tgt Ion:152 Resp: 5723
Ion Ratio Lower Upper
152 100
150 153.8 121.8 182.8
115 60.7 46.6 69.8



#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

Tgt Ion:112 Resp: 2679
Ion Ratio Lower Upper
112 100
64 58.7 44.3 66.5
63 31.0 23.0 34.6

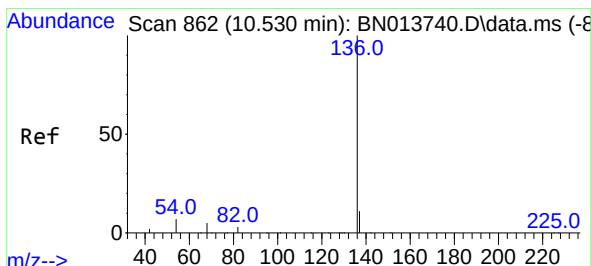
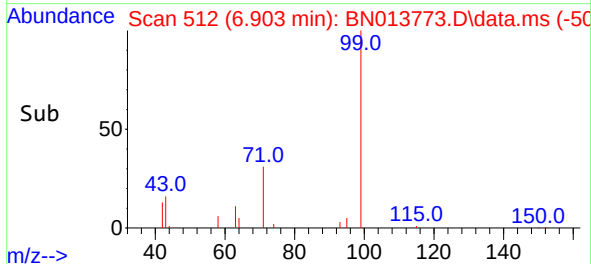
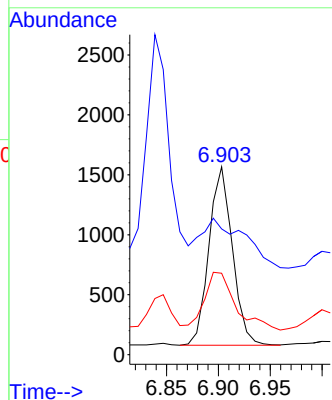
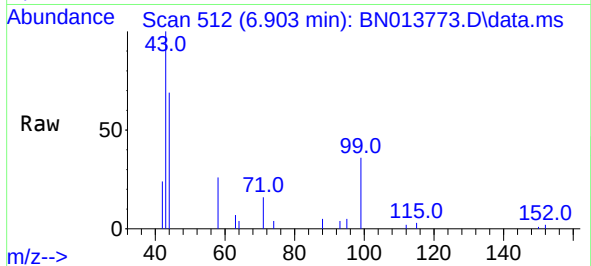




#5
Phenol-d6
Concen: 0.11 ng
RT: 6.903 min Scan# 512
Delta R.T. 0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

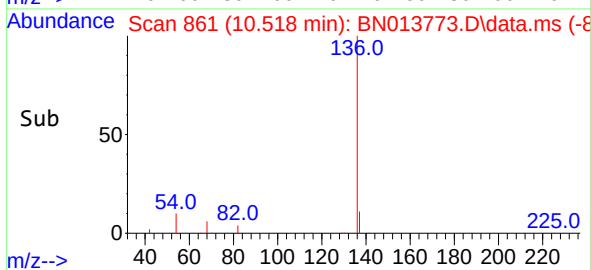
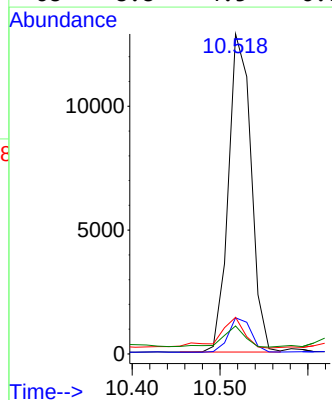
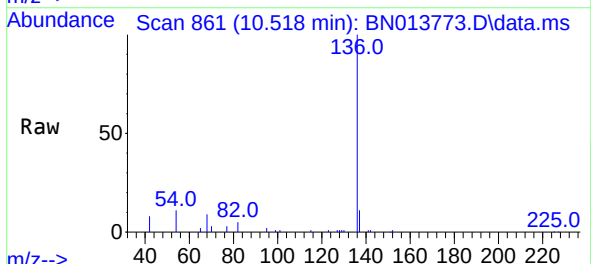
Instrument :
BNA_N
ClientSampleId :
GW804-20-25-022421

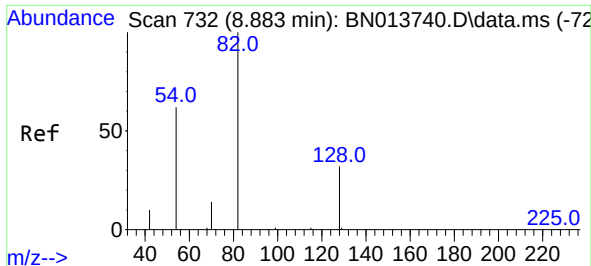
Tgt Ion: 99 Resp: 2337
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 43.2 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

Tgt Ion: 136 Resp: 23032
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 11.4 6.4 9.6#
68 8.8 4.5 6.7#

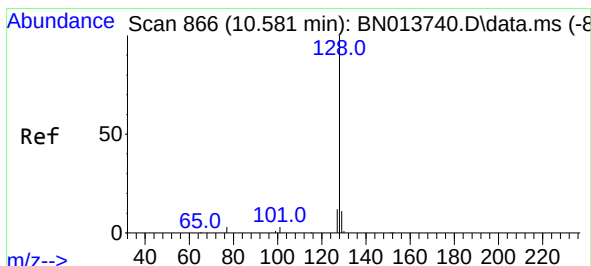
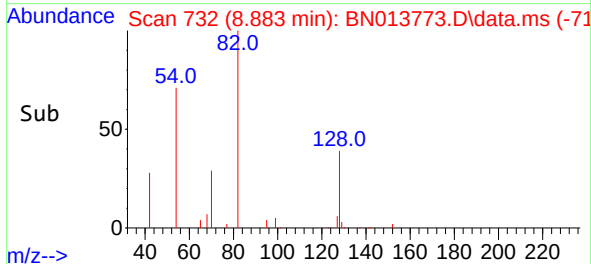
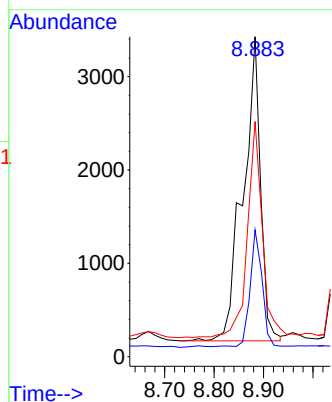
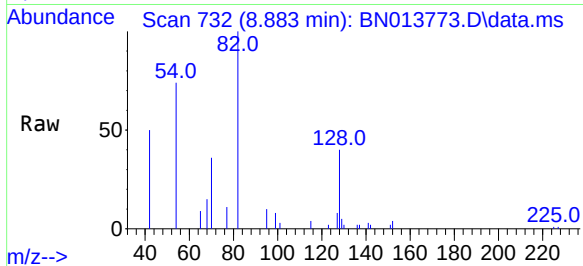




#8
Nitrobenzene-d5
Concen: 0.55 ng
RT: 8.883 min Scan# 732
Delta R.T. 0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

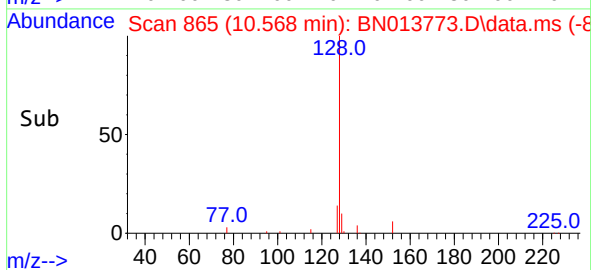
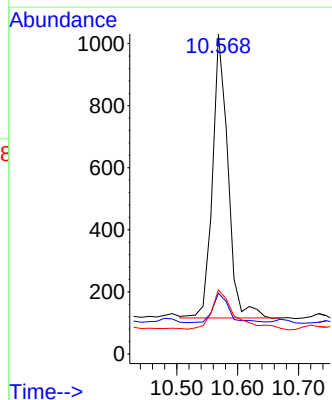
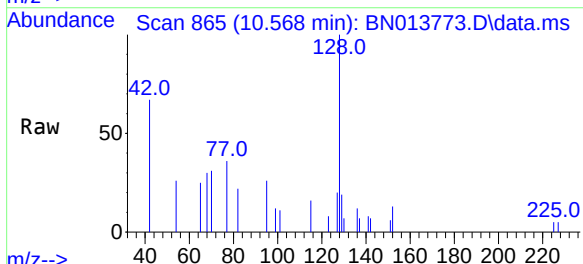
Instrument :
BNA_N
ClientSampleId :
GW804-20-25-022421

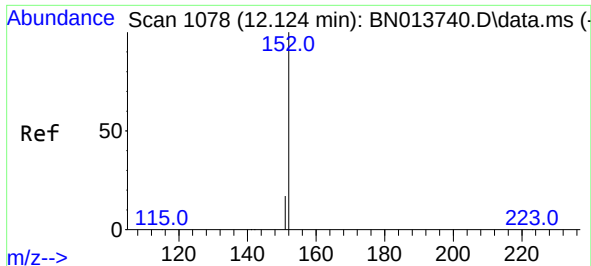
Tgt Ion: 82 Resp: 8072
Ion Ratio Lower Upper
82 100
128 39.6 39.2 58.8
54 73.5 40.1 60.1#



#9
Naphthalene
Concen: 0.03 ng
RT: 10.568 min Scan# 865
Delta R.T. 0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

Tgt Ion: 128 Resp: 1612
Ion Ratio Lower Upper
128 100
129 19.0 9.0 13.4#
127 20.0 10.4 15.6#

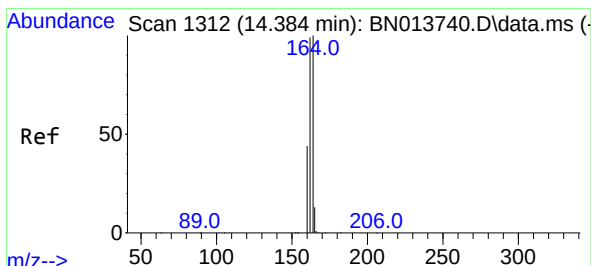
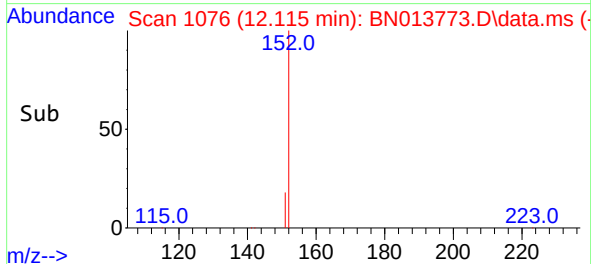
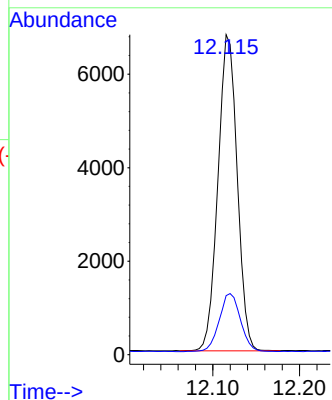
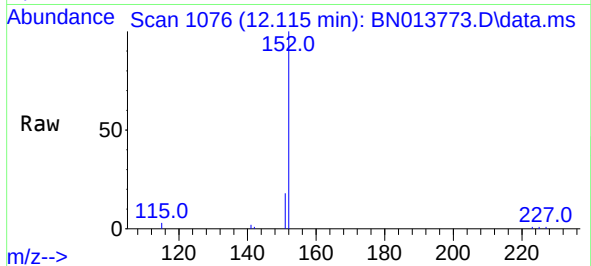




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.115 min Scan# 1076
Delta R.T. -0.004 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

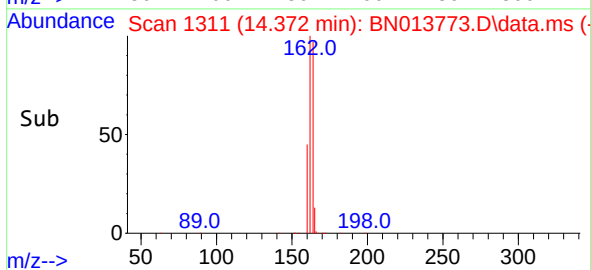
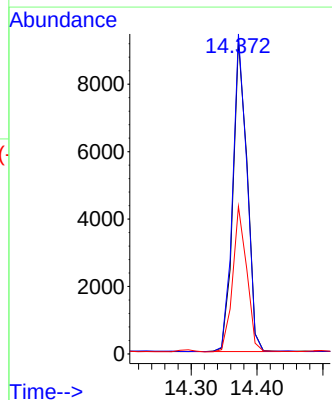
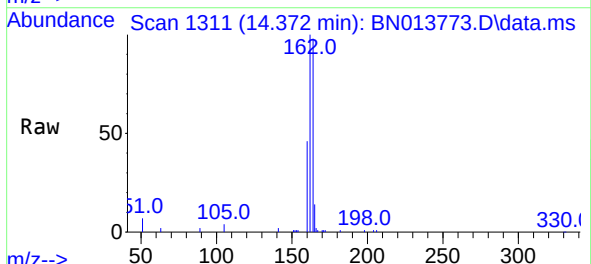
Instrument :
BNA_N
ClientSampleId :
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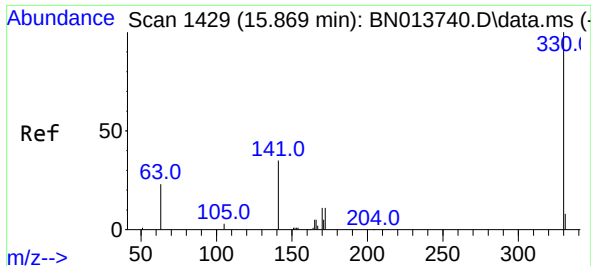
Tgt Ion:152 Resp: 10399
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

Tgt Ion:164 Resp: 13773
Ion Ratio Lower Upper
164 100
162 102.2 79.6 119.4
160 47.1 36.0 54.0

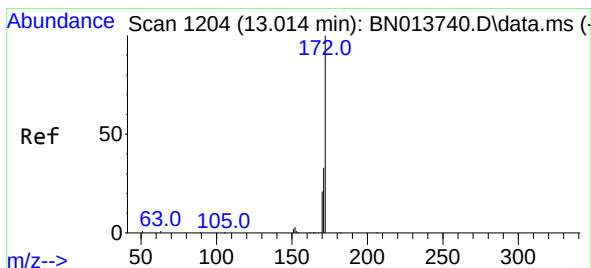
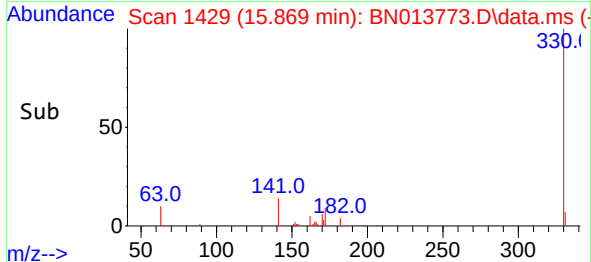
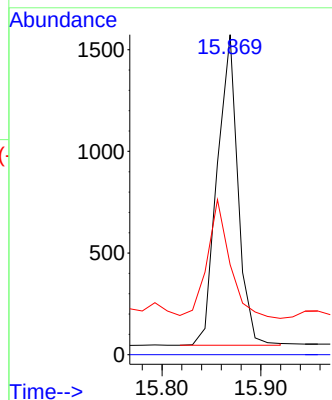
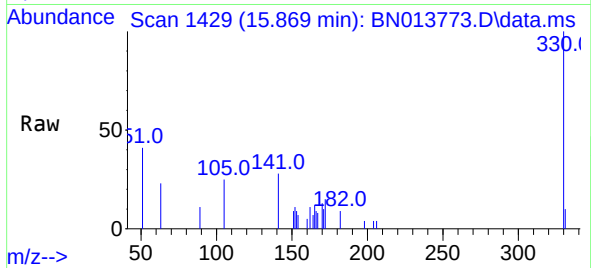




#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

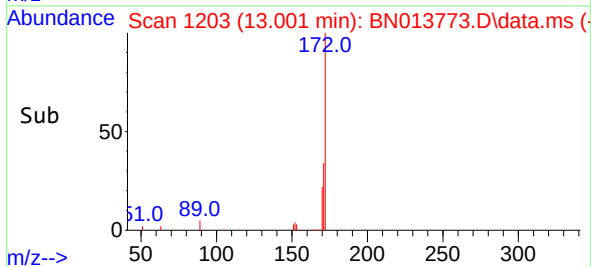
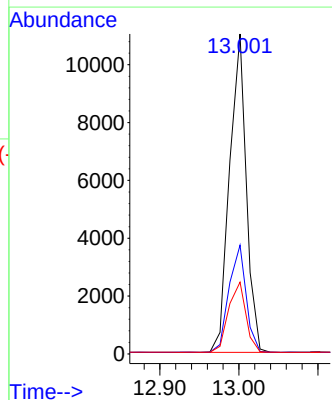
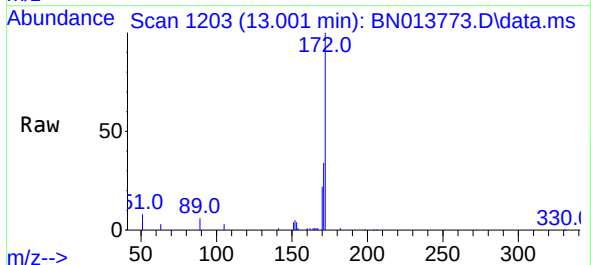
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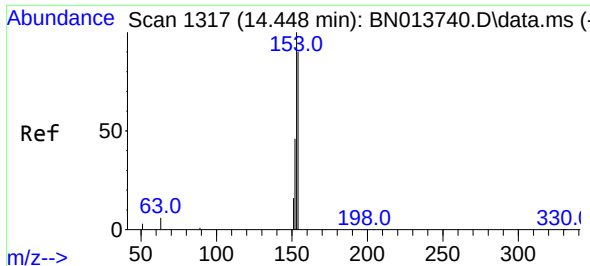
Tgt Ion:330 Resp: 2224
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.1 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 13.001 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

Tgt Ion:172 Resp: 16180
Ion Ratio Lower Upper
172 100
171 34.0 28.6 42.8
170 22.5 18.9 28.3

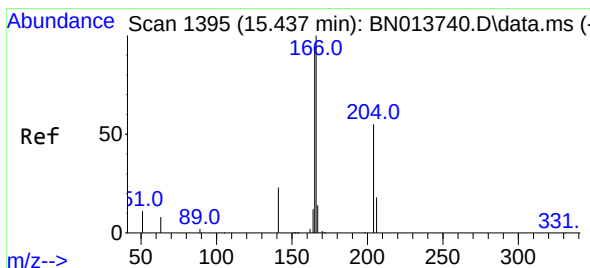
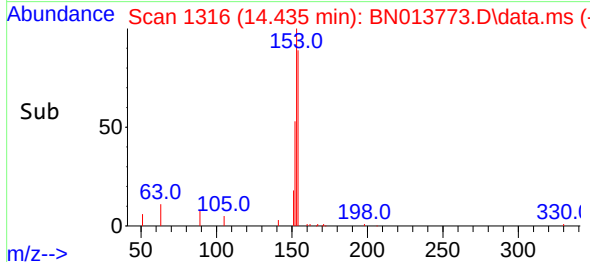
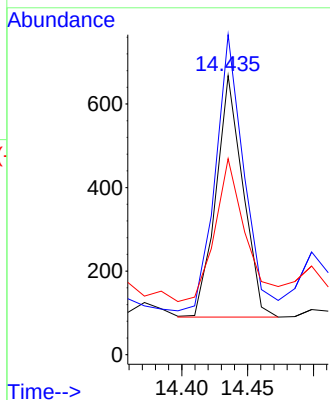
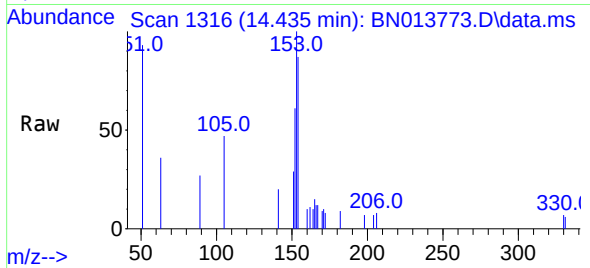




#17
Acenaphthene
Concen: 0.02 ng
RT: 14.435 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

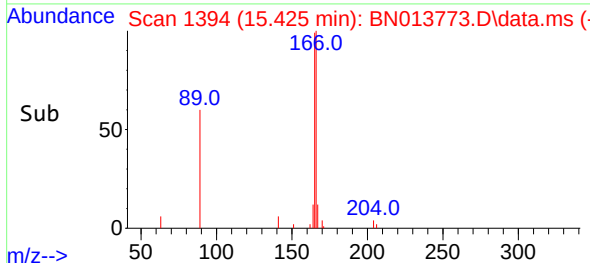
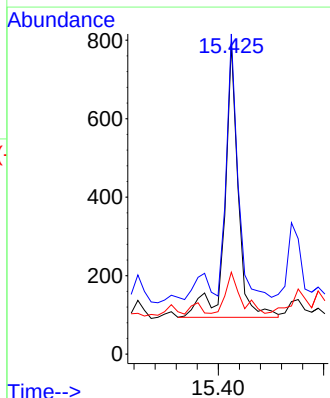
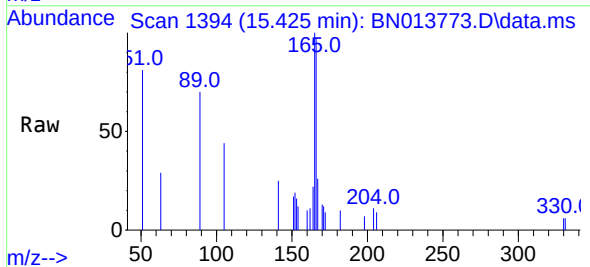
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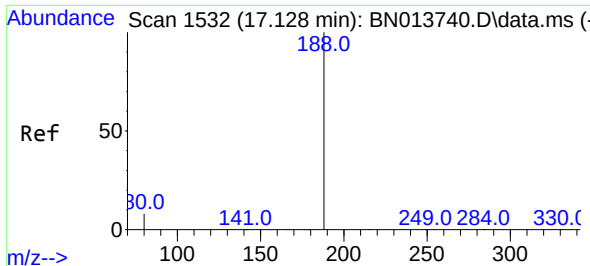
Tgt Ion:154 Resp: 821
Ion Ratio Lower Upper
154 100
153 120.1 88.4 132.6
152 68.0 43.0 64.4#



#18
Fluorene
Concen: 0.02 ng
RT: 15.425 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

Tgt Ion:166 Resp: 1234
Ion Ratio Lower Upper
166 100
165 80.7 77.8 116.8
167 16.4 10.6 16.0#

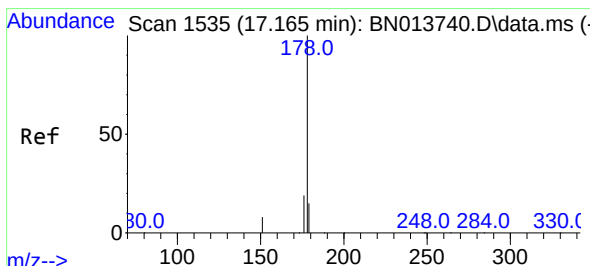
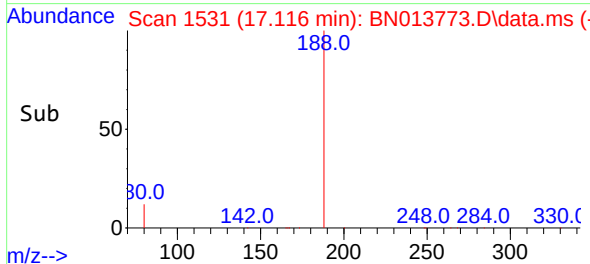
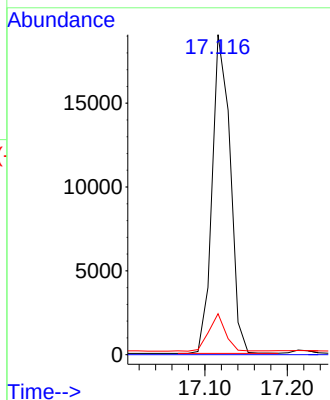
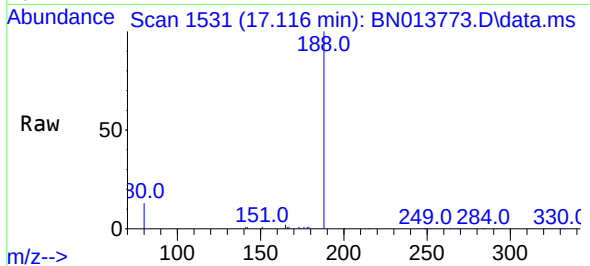




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

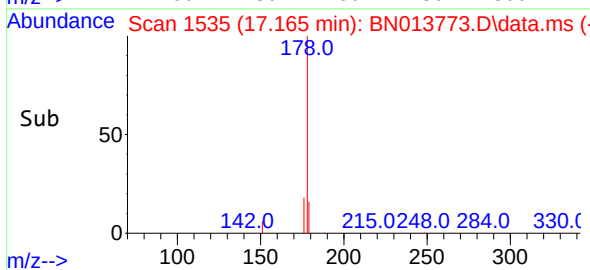
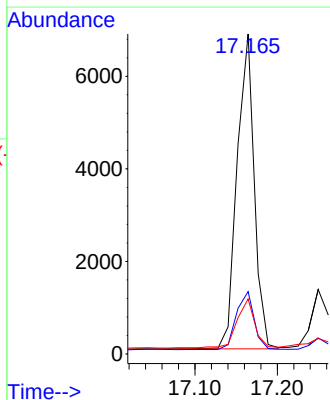
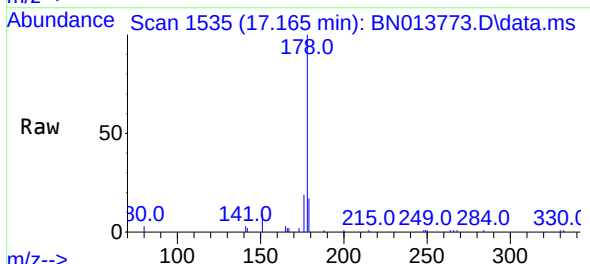
Instrument :
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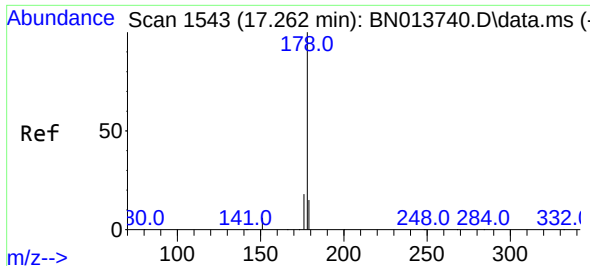
Tgt Ion:188	Resp:	28863
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.8	9.0



#25
Phenanthrene
Concen: 0.13 ng
RT: 17.165 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

Tgt Ion:178	Resp:	9853
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.0
179	16.2	12.3

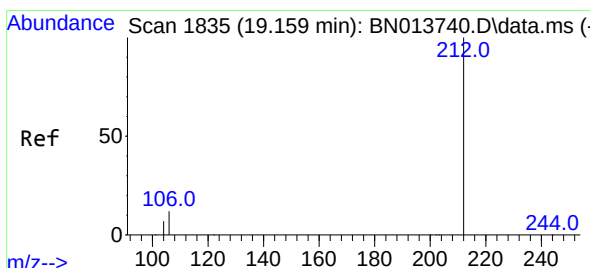
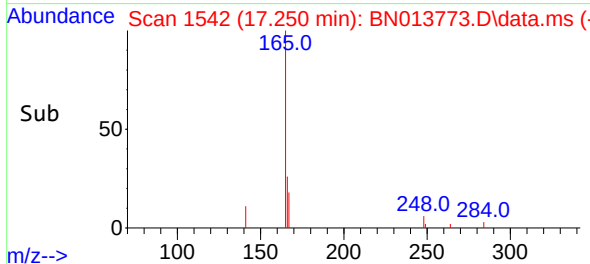
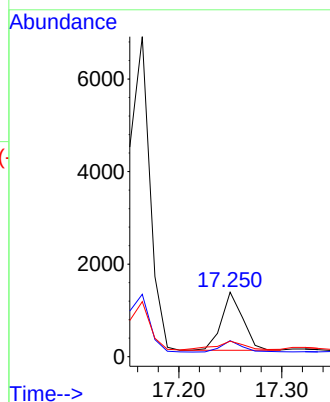
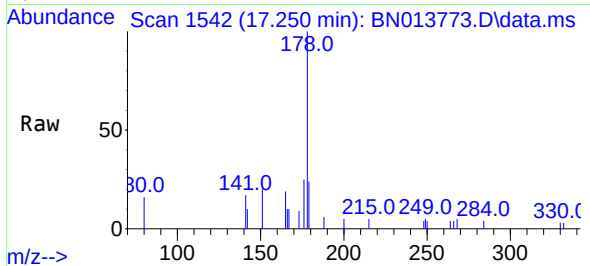




#26
 Anthracene
 Concen: 0.02 ng
 RT: 17.250 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: BN013773.D
 Acq: 25 Feb 2021 18:00

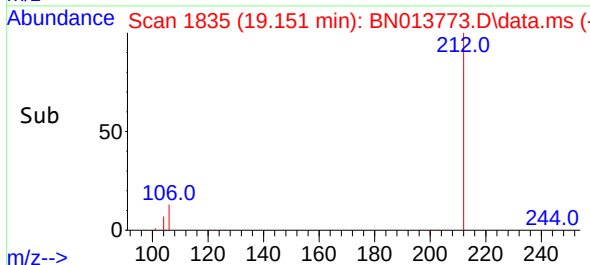
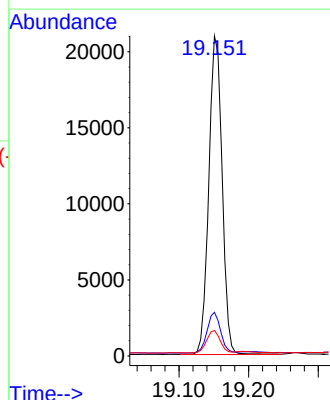
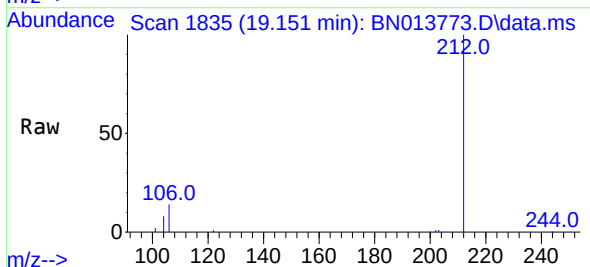
Instrument :
 BNA_N
 ClientSampleId :
 GW804-20-25-022421

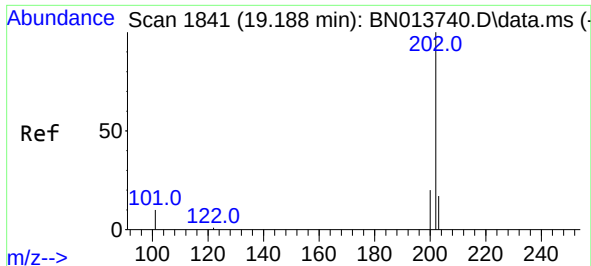
Tgt Ion:178	Resp:	1816
Ion Ratio	Lower	Upper
178	100	
176	19.5	14.6 21.8
179	20.1	12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.33 ng
 RT: 19.151 min Scan# 1835
 Delta R.T. -0.005 min
 Lab File: BN013773.D
 Acq: 25 Feb 2021 18:00

Tgt Ion:212	Resp:	27789
Ion Ratio	Lower	Upper
212	100	
106	13.0	9.7 14.5
104	7.1	5.5 8.3

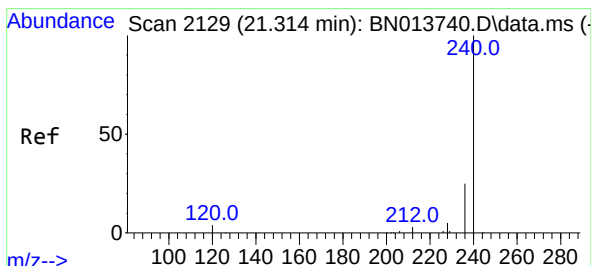
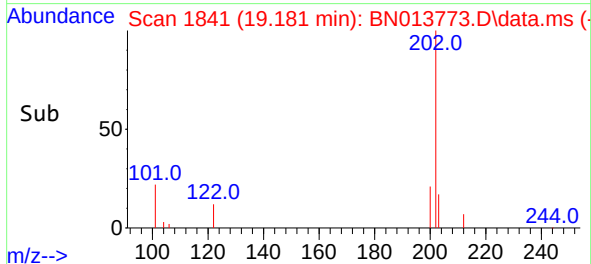
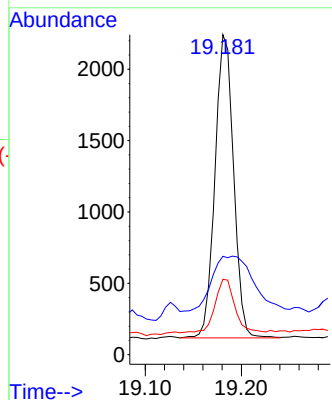
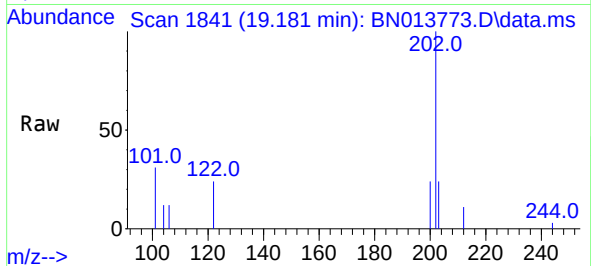




#28
Fluoranthene
Concen: 0.03 ng
RT: 19.181 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

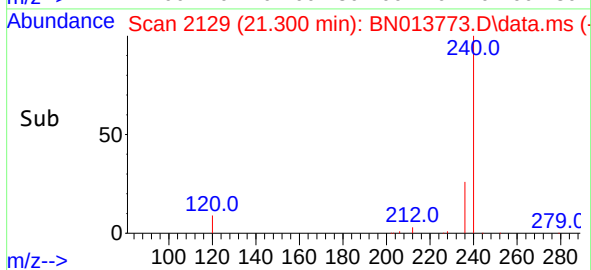
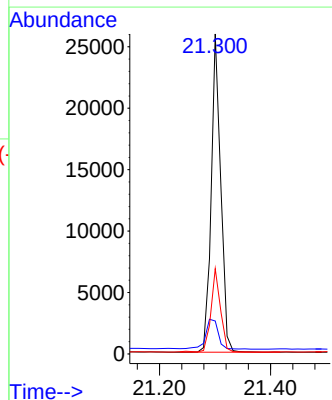
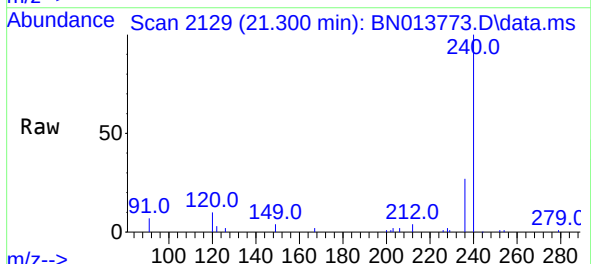
Instrument :
BNA_N
ClientSampleId :
GW804-20-25-022421

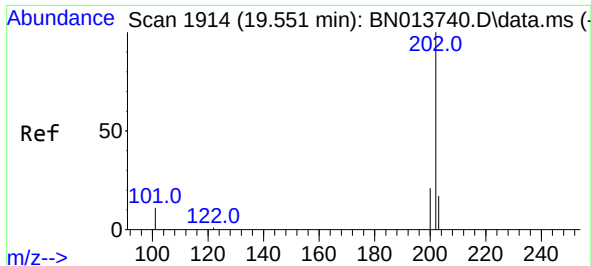
Tgt Ion:202 Resp: 2859
Ion Ratio Lower Upper
202 100
101 40.4 8.1 12.1#
203 18.9 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

Tgt Ion:240 Resp: 30917
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 26.7 21.3 31.9

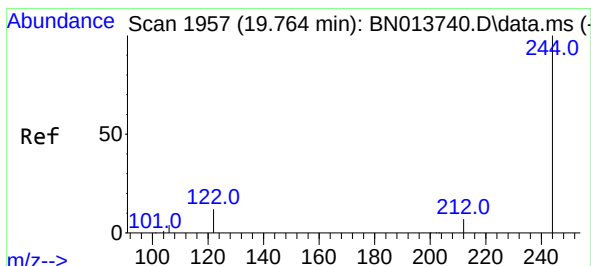
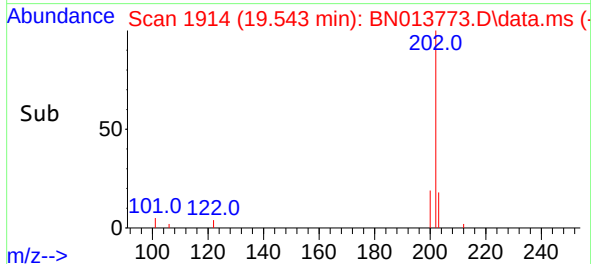
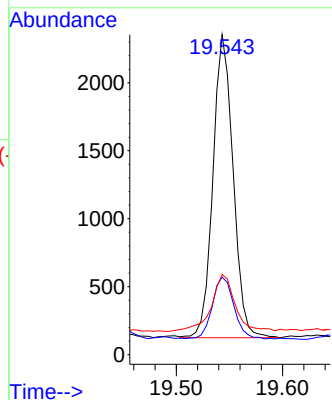
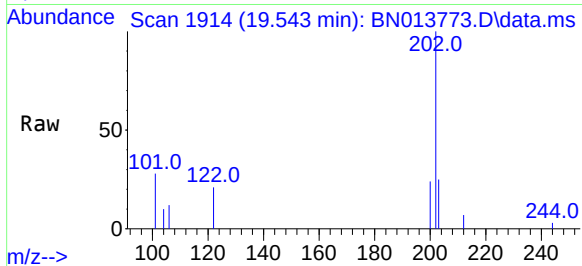




#30
Pyrene
Concen: 0.03 ng
RT: 19.543 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

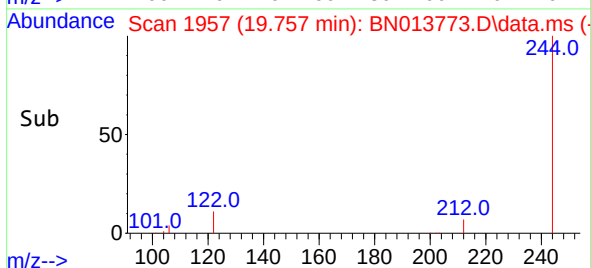
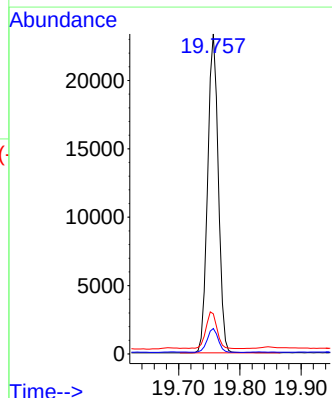
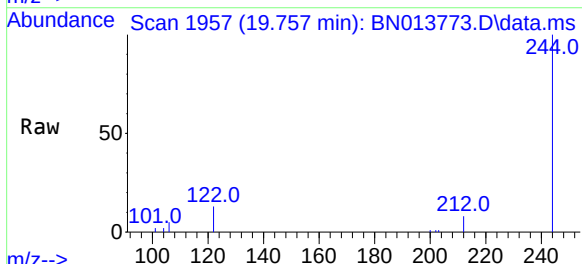
Instrument :
BNA_N
ClientSampleId :
GW804-20-25-022421

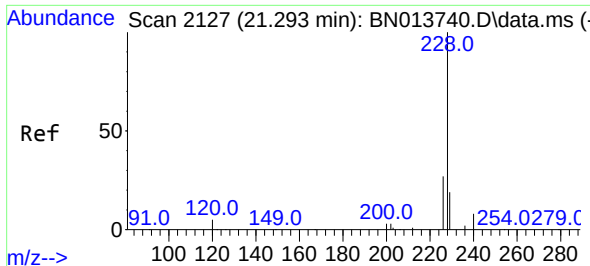
Tgt Ion:	202	Resp:	2936
Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.3	24.5
203	21.9	14.0	21.0#



#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.757 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

Tgt Ion:	244	Resp:	28144
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	12.5	9.8	14.8

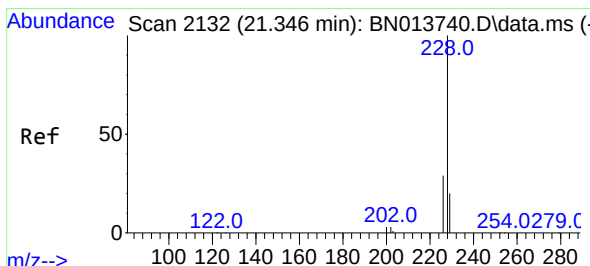
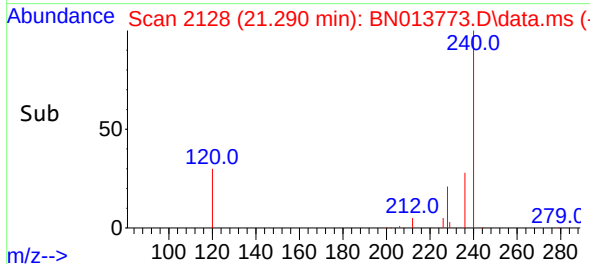
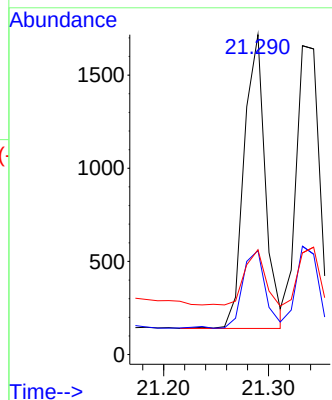
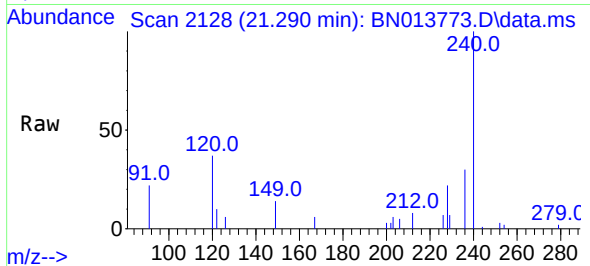




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.290 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

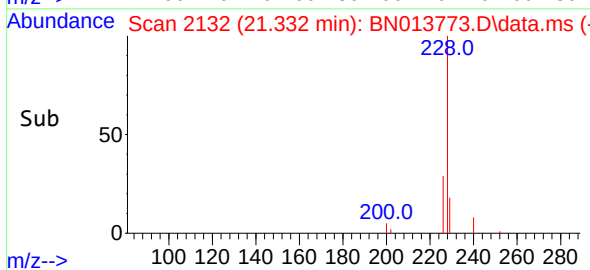
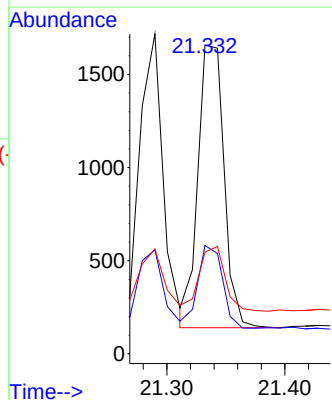
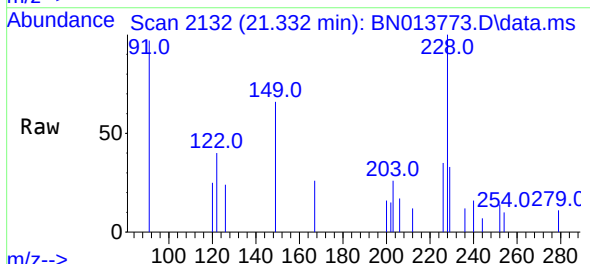
Instrument :
BNA_N
ClientSampleId :
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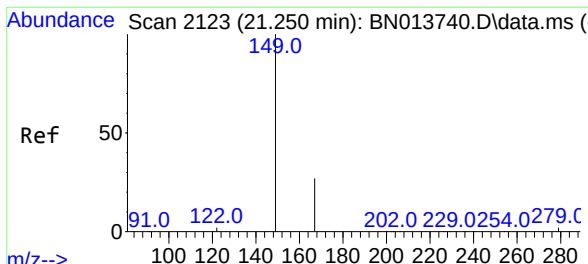
Tgt Ion:228 Resp: 2211
Ion Ratio Lower Upper
228 100
226 32.6 20.5 30.7#
229 32.8 16.2 24.4#



#33
Chrysene
Concen: 0.03 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013773.D
Acq: 25 Feb 2021 18:00

Tgt Ion:228 Resp: 2334
Ion Ratio Lower Upper
228 100
226 35.1 24.3 36.5
229 32.9 15.1 22.7#

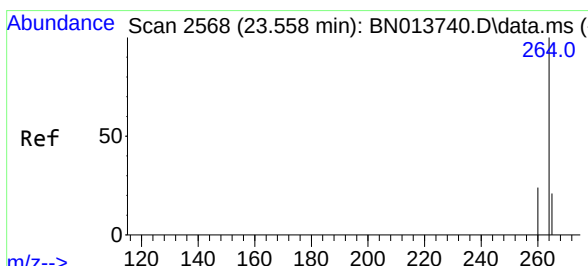
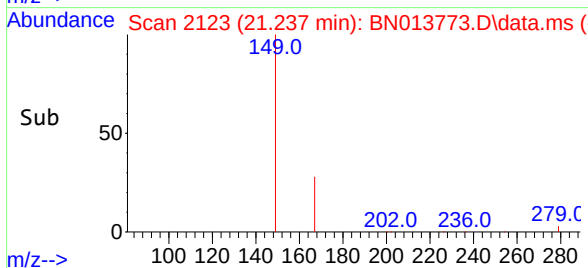
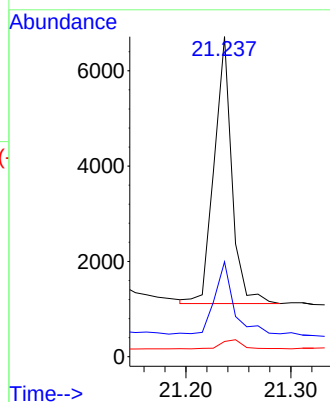
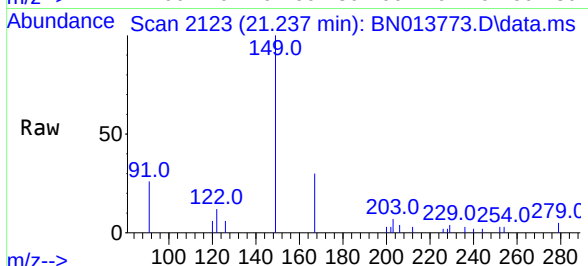




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.237 min Scan# 2123
 Delta R.T. 0.000 min
 Lab File: BN013773.D
 Acq: 25 Feb 2021 18:00

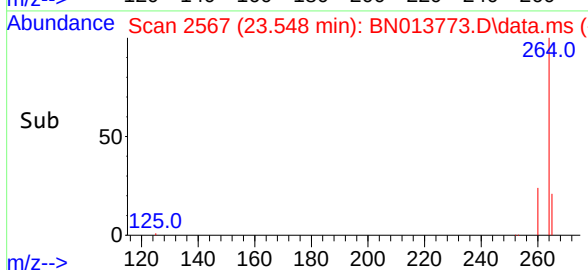
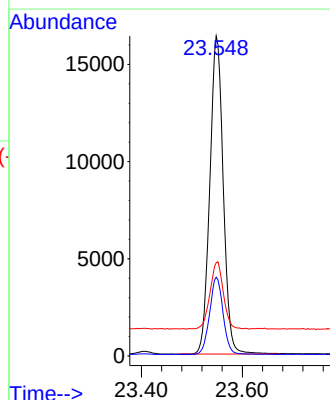
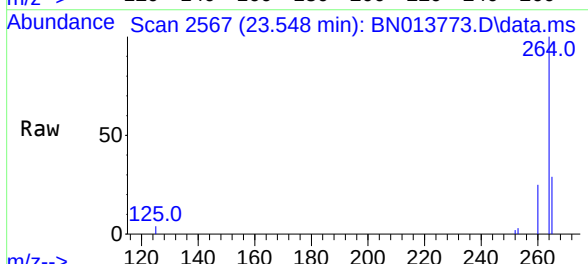
Instrument :
 BNA_N
 ClientSampleId :
 GW804-20-25-022421

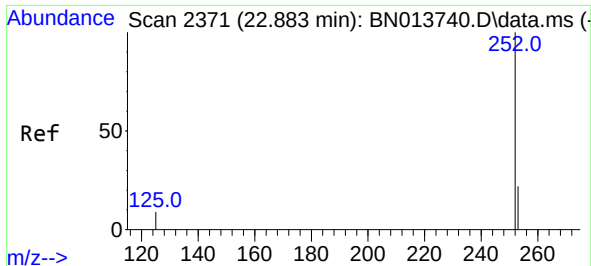
Tgt Ion:149 Resp: 6560
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.1 33.1
 279 4.2 3.5 5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.548 min Scan# 2567
 Delta R.T. -0.003 min
 Lab File: BN013773.D
 Acq: 25 Feb 2021 18:00

Tgt Ion:264 Resp: 30255
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 29.2 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: BN013773.D

Acq: 25 Feb 2021 18:00

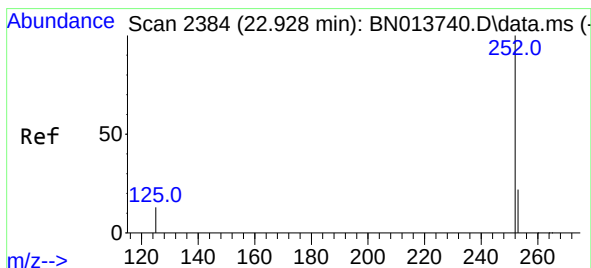
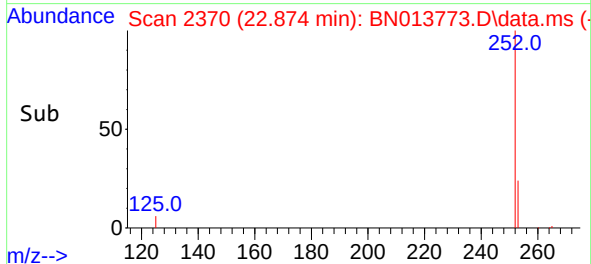
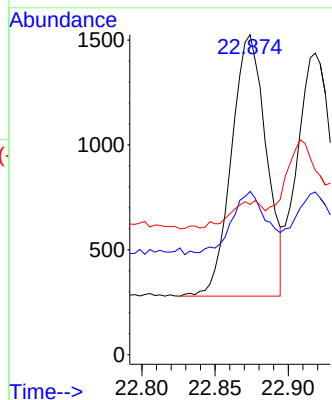
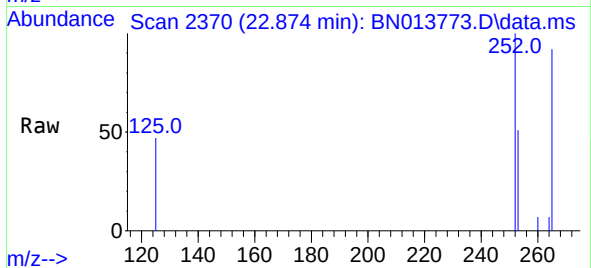
Tgt Ion:252 Resp: 2062

Ion Ratio Lower Upper

252 100

253 51.0 20.4 30.6#

125 46.9 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: BN013773.D

Acq: 25 Feb 2021 18:00

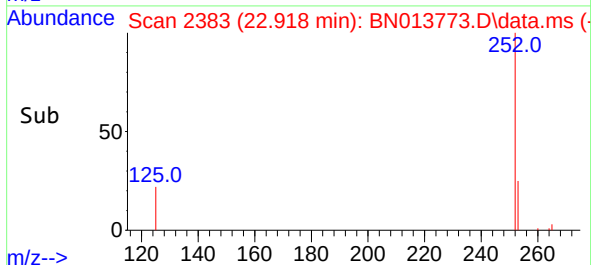
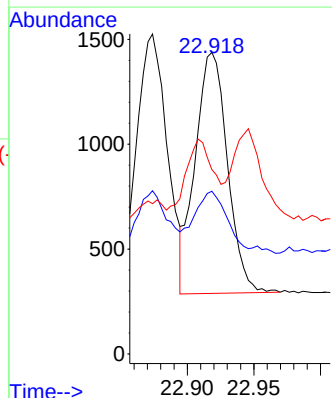
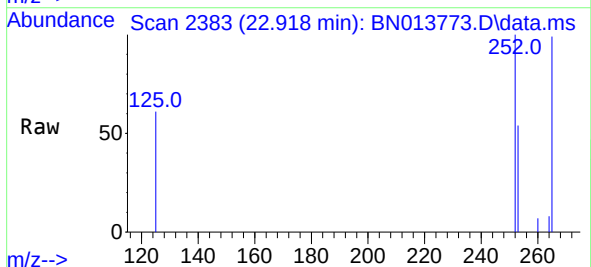
Tgt Ion:252 Resp: 1935

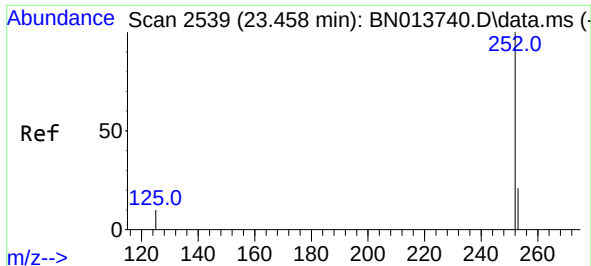
Ion Ratio Lower Upper

252 100

253 54.0 20.5 30.7#

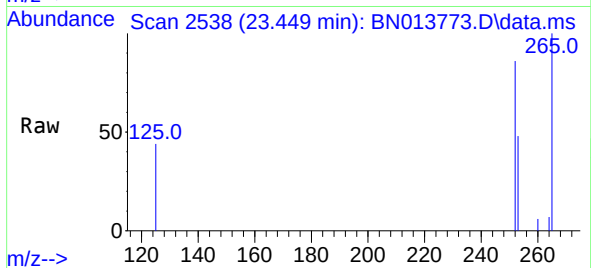
125 61.1 12.3 18.5#





#39
 Benzo(a)pyrene
 Concen: 0.02 ng
 RT: 23.449 min Scan# 2538
 Delta R.T. -0.007 min
 Lab File: BN013773.D
 Acq: 25 Feb 2021 18:00

Instrument :
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 ClientSampleId :
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Tgt Ion: 252 Resp: 1824

Ion	Ratio	Lower	Upper
252	100		
253	55.4	21.8	32.6#
125	50.8	14.6	21.8#

