

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030121\
 Data File : BN013796.D
 Acq On : 01 Mar 2021 18:04
 Operator : CG/JU
 Sample : M1519-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW806-20-25-022621

Quant Time: Mar 01 23:29:43 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)

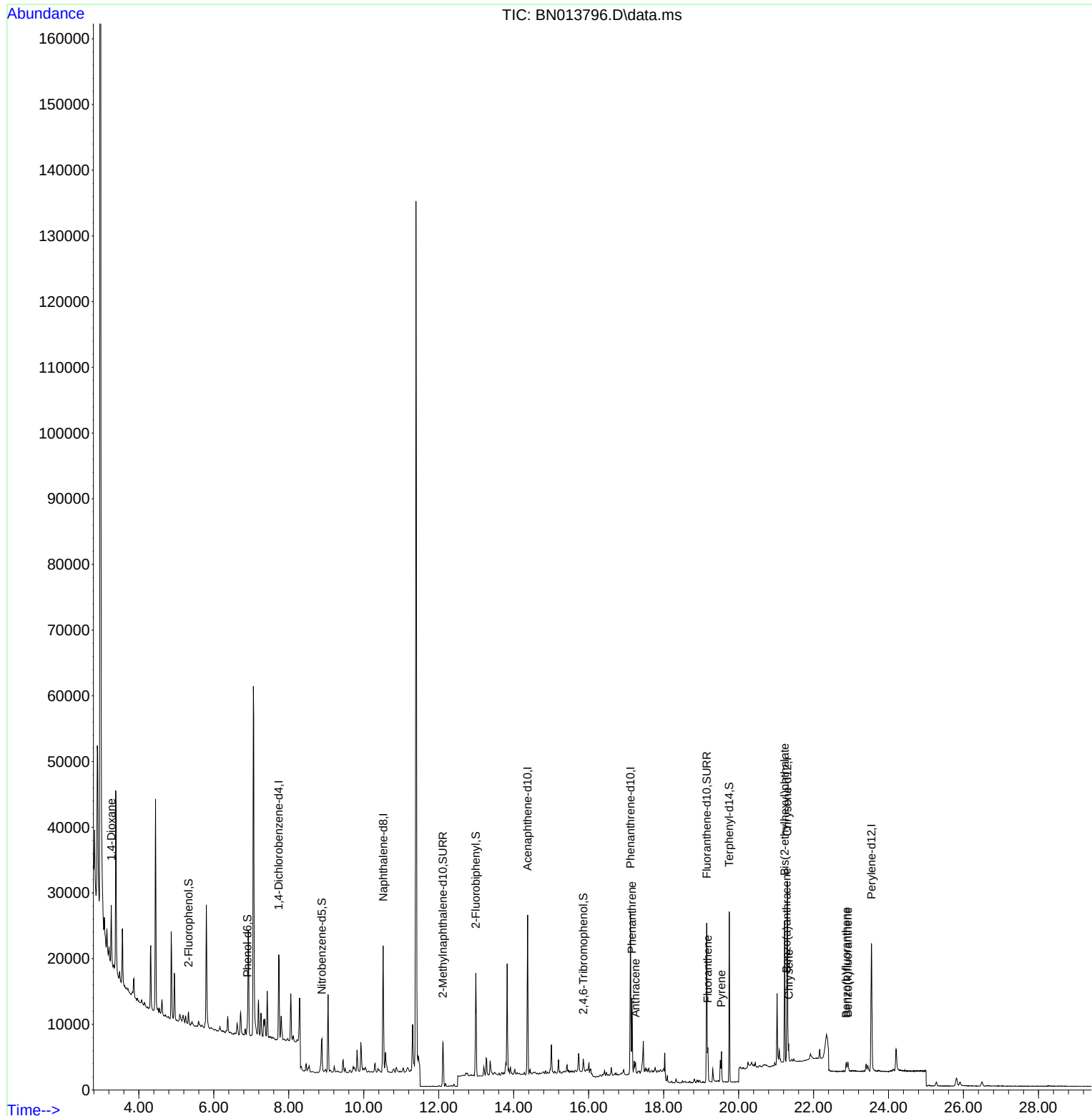
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	6064	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	23850	0.40	ng	-0.01
13) Acenaphthene-d10	14.372	164	13190	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	29407	0.40	ng	#-0.01
29) Chrysene-d12	21.303	240	28343	0.40	ng	# 0.00
36) Perylene-d12	23.544	264	25567	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1337	0.08	ng	0.00
5) Phenol-d6	6.895	99	1235	0.06	ng	0.00
8) Nitrobenzene-d5	8.883	82	4540	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	8314	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	1278	0.24	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	12470	0.27	ng	-0.01
27) Fluoranthene-d10	19.149	212	26649	0.31	ng	0.00
31) Terphenyl-d14	19.749	244	24592	0.39	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	5385	0.73	ng	# 77
25) Phenanthrene	17.153	178	12363	0.16	ng	98
26) Anthracene	17.250	178	1774	0.02	ng	# 92
28) Fluoranthene	19.179	202	4331	0.05	ng	# 88
30) Pyrene	19.541	202	4041	0.05	ng	96
32) Benzo(a)anthracene	21.282	228	2049	0.02	ng	# 90
33) Chrysene	21.335	228	2104	0.02	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.229	149	17983	0.43	ng	99
37) Benzo(b)fluoranthene	22.870	252	1717	0.02	ng	# 41
38) Benzo(k)fluoranthene	22.914	252	1659	0.02	ng	# 31

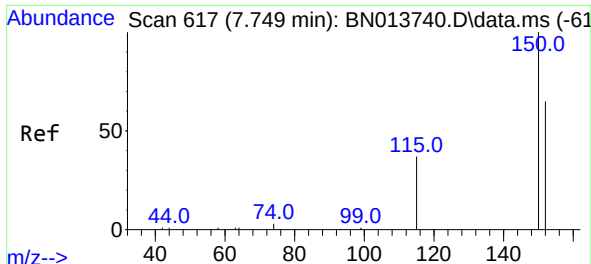
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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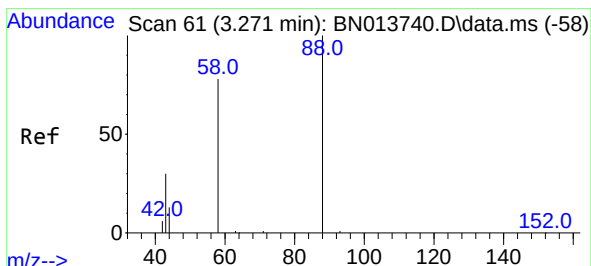
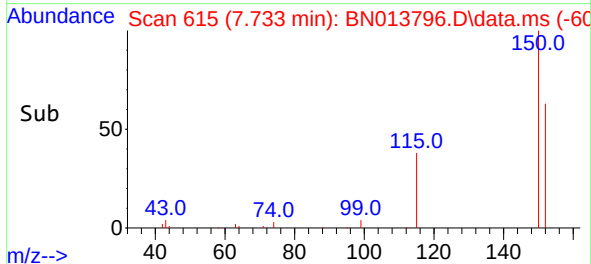
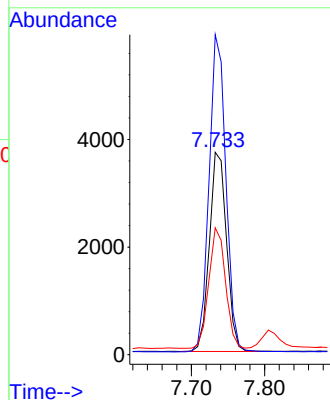
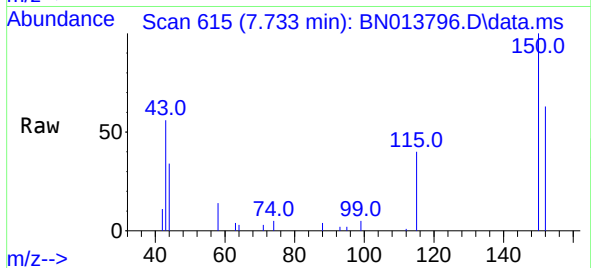




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.733 min Scan# 615
Delta R.T. -0.008 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

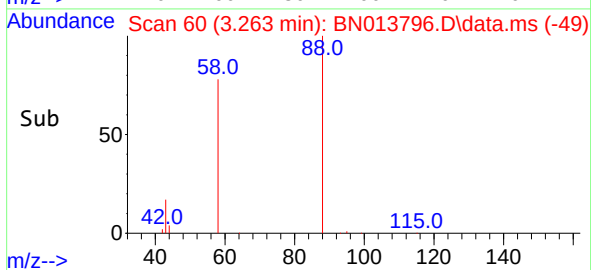
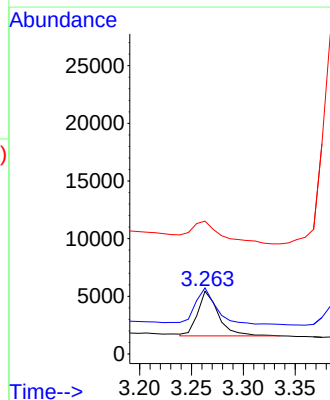
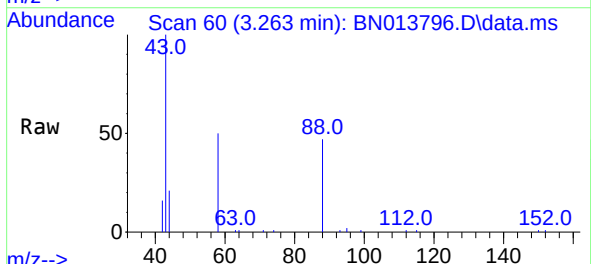
Instrument :
BNA_N
ClientSampleId :
GW806-20-25-022621

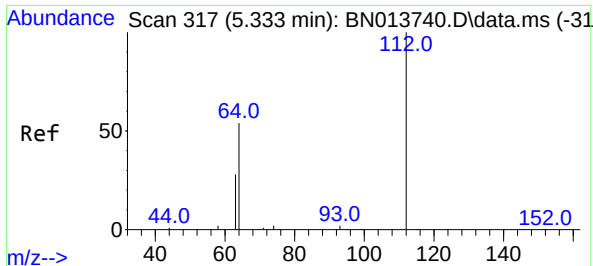
Tgt Ion:152 Resp: 6064
Ion Ratio Lower Upper
152 100
150 158.0 121.8 182.8
115 62.6 46.6 69.8



#2
1,4-Dioxane
Concen: 0.73 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Tgt Ion: 88 Resp: 5385
Ion Ratio Lower Upper
88 100
58 83.7 64.6 96.8
43 72.6 26.6 40.0#



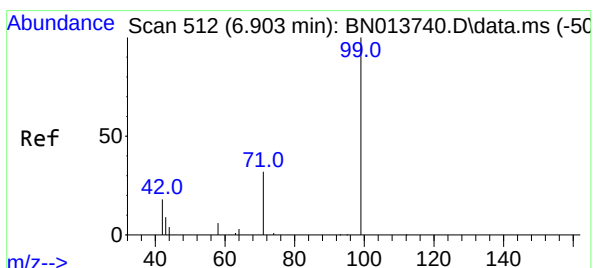
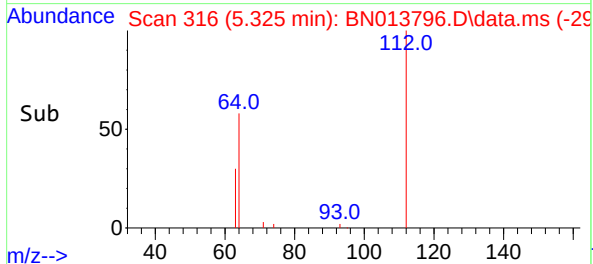
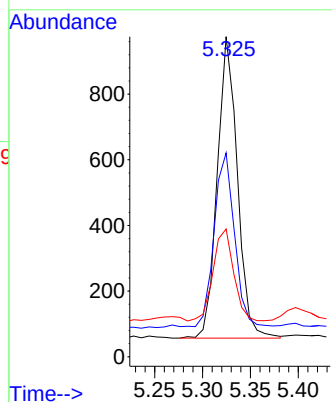
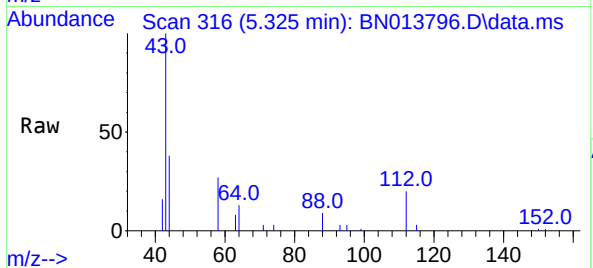


#4
2-Fluorophenol
Concen: 0.08 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Instrument :
BNA_N
ClientSampleId :
GW806-20-25-022621

Tgt Ion: 112 Resp: 1337

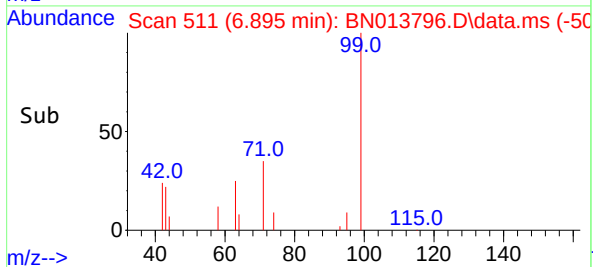
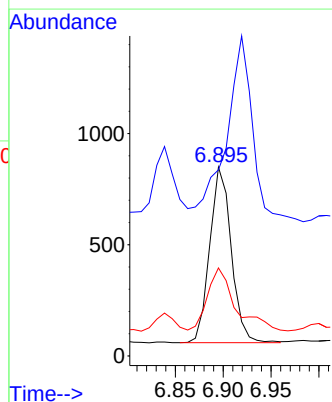
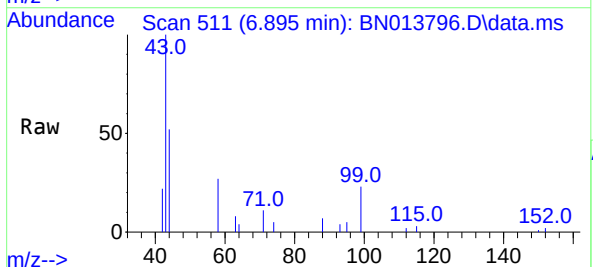
Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.3	66.5
63	31.2	23.0	34.6

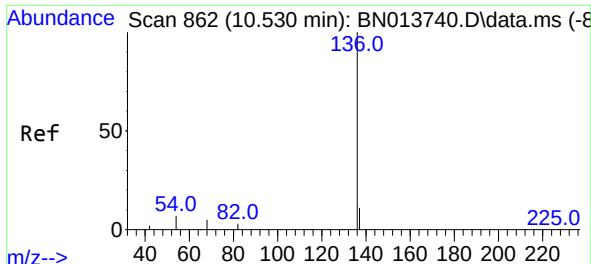


#5
Phenol-d6
Concen: 0.06 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Tgt Ion: 99 Resp: 1235

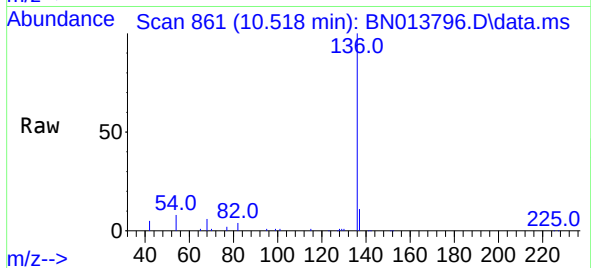
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	46.2	26.1	39.1#





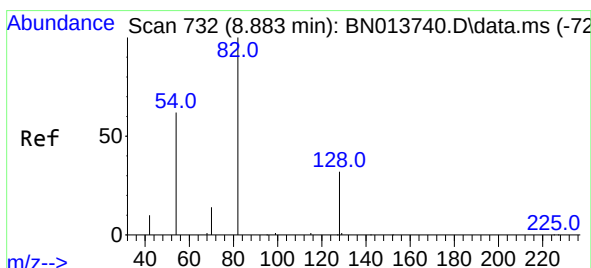
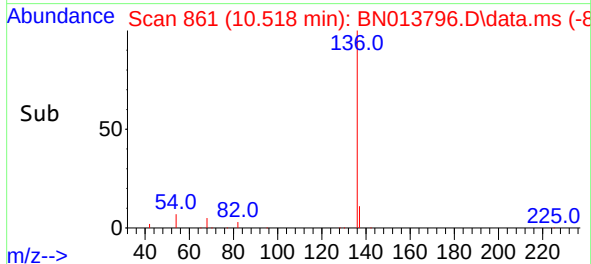
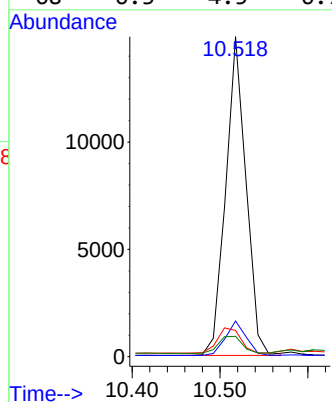
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Instrument :
BNA_N
ClientSampleId :
GW806-20-25-022621



Tgt Ion: 136 Resp: 23850

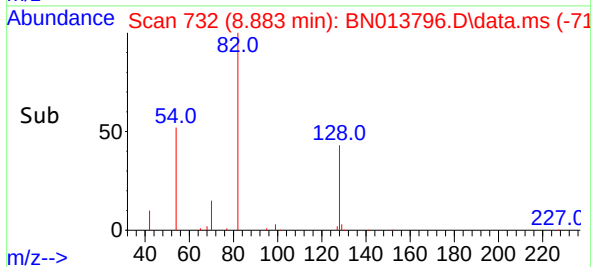
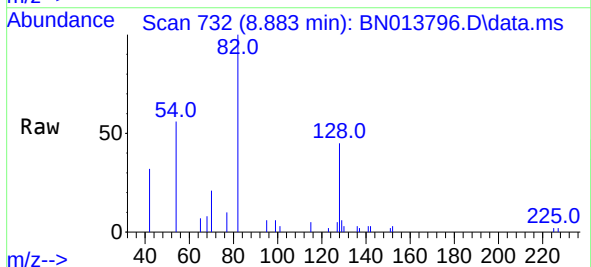
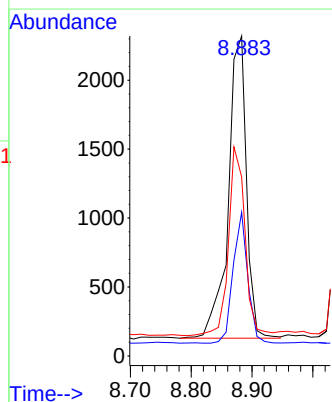
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.2	6.4	9.6
68	6.3	4.5	6.7

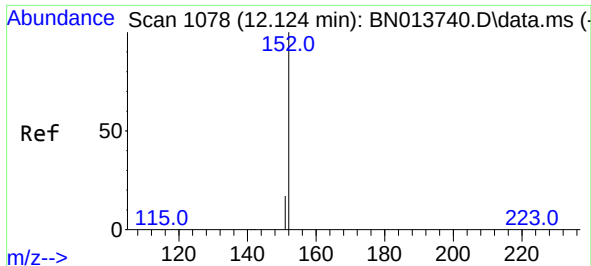


#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.883 min Scan# 732
Delta R.T. 0.000 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Tgt Ion: 82 Resp: 4540

Ion	Ratio	Lower	Upper
82	100		
128	44.9	39.2	58.8
54	55.9	40.1	60.1

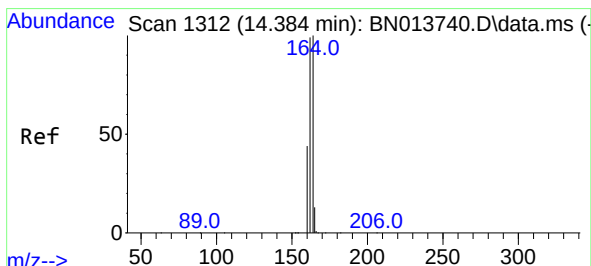
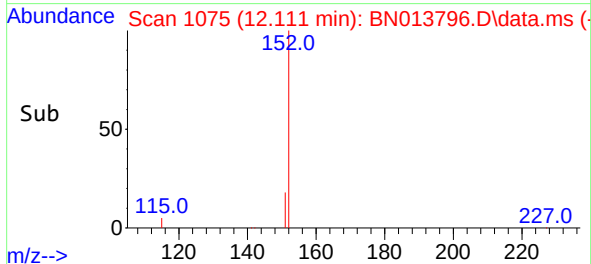
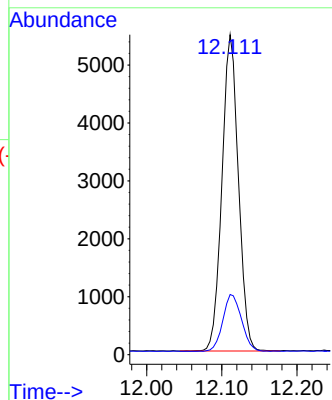
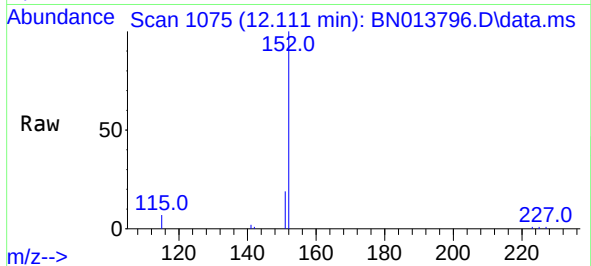




#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

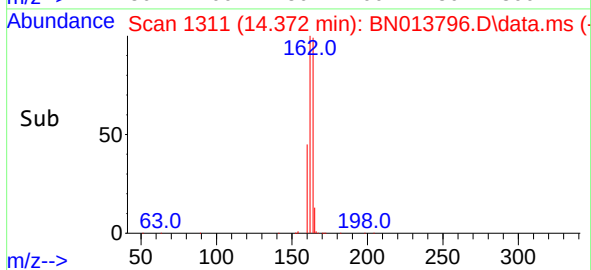
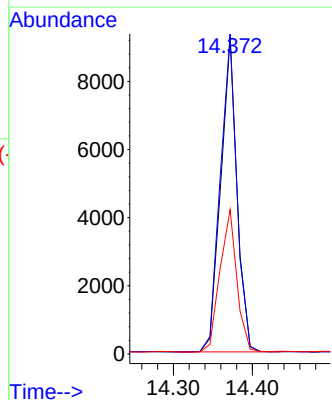
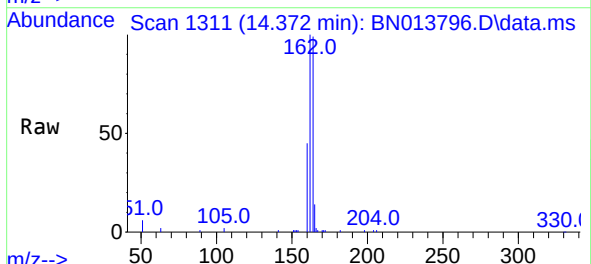
Instrument :
BNA_N
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GW806-20-25-022621

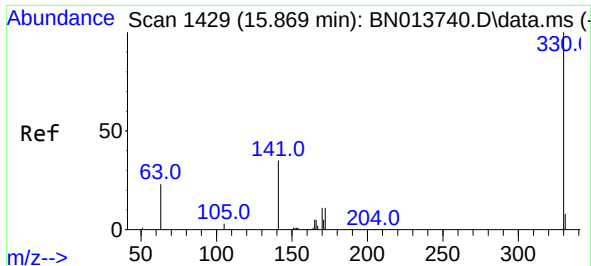
Tgt Ion:152 Resp: 8314
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Tgt Ion:164 Resp: 13190
Ion Ratio Lower Upper
164 100
162 100.9 79.6 119.4
160 45.5 36.0 54.0

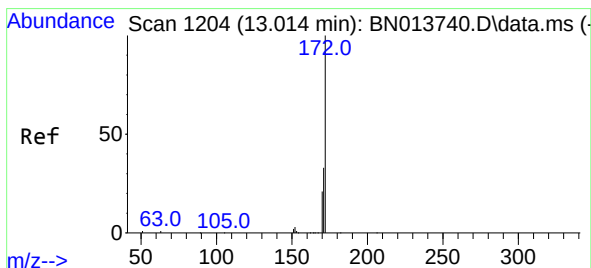
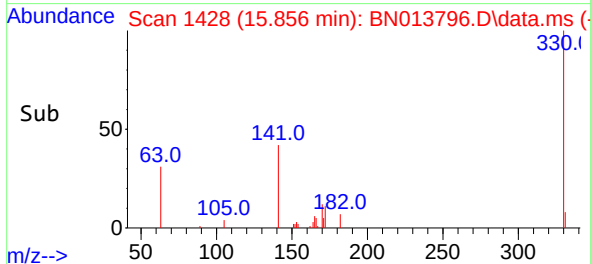
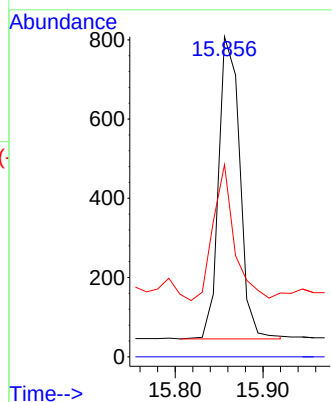
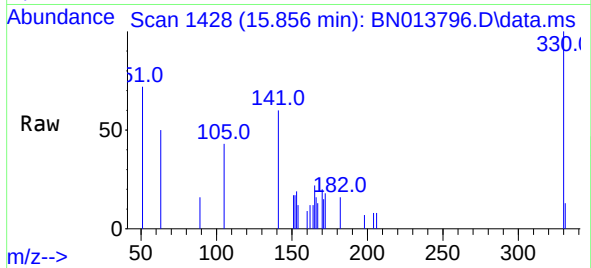




#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

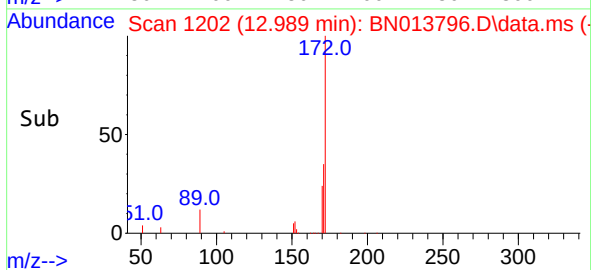
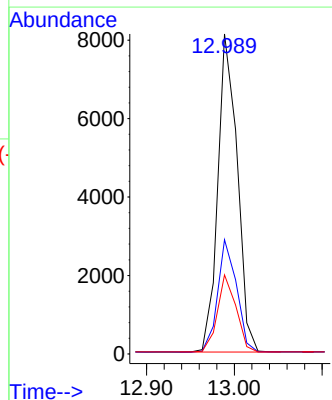
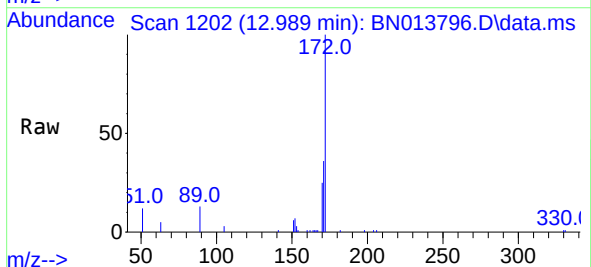
Instrument :
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ClientSampleId :
GW806-20-25-022621

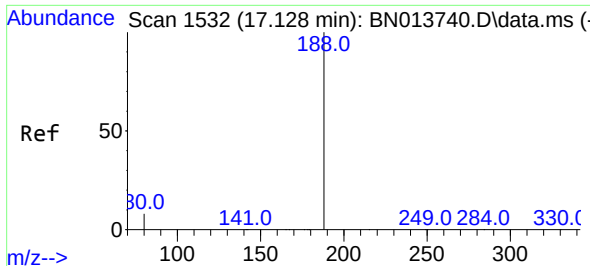
Tgt Ion:330 Resp: 1278
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.2 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Tgt Ion:172 Resp: 12470
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.7 18.9 28.3

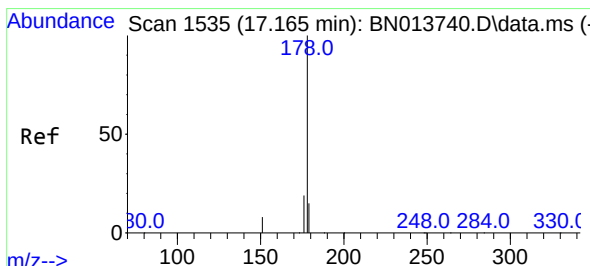
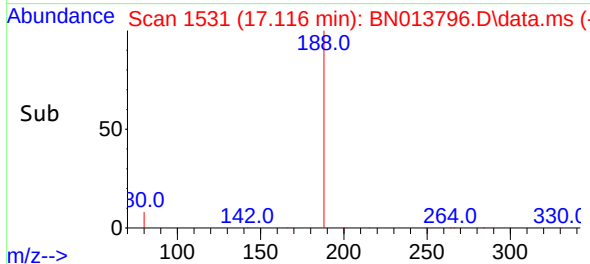
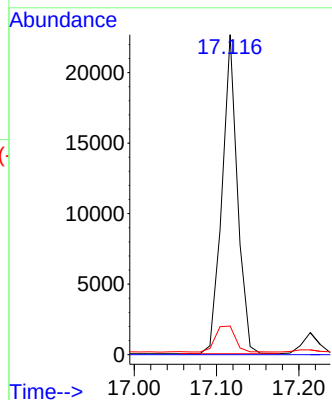
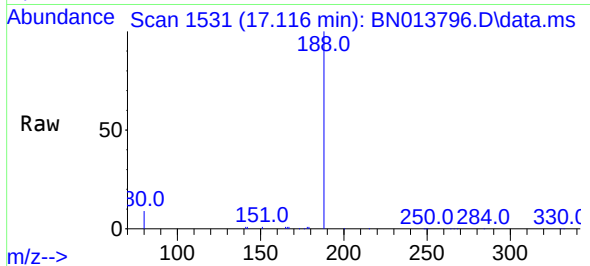




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

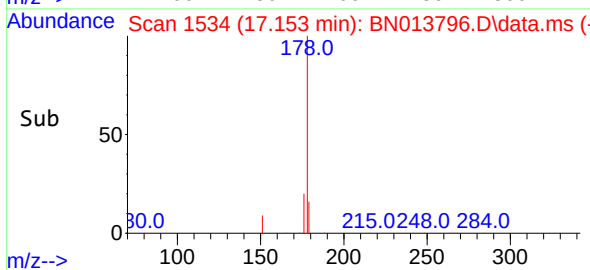
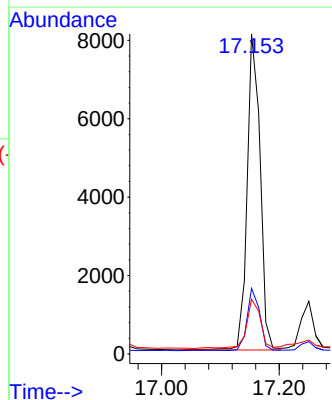
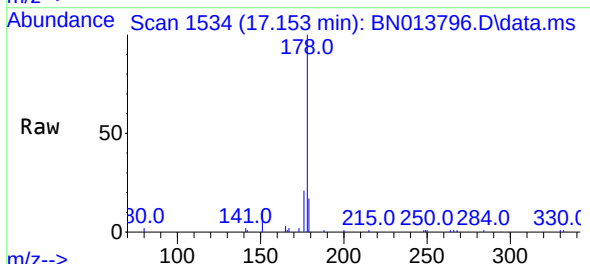
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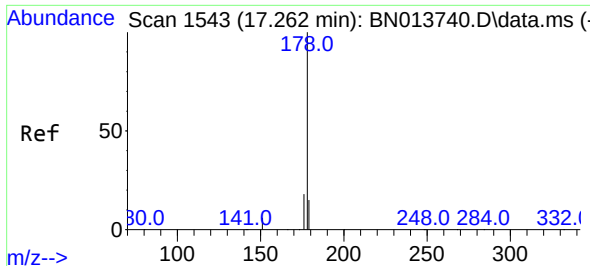
Tgt Ion:188 Resp: 29407
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 9.0 13.6#



#25
Phenanthrene
Concen: 0.16 ng
RT: 17.153 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Tgt Ion:178 Resp: 12363
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 16.7 12.3 18.5



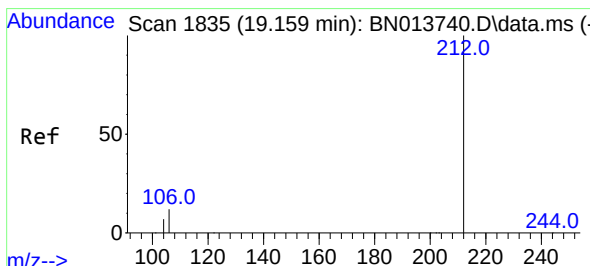
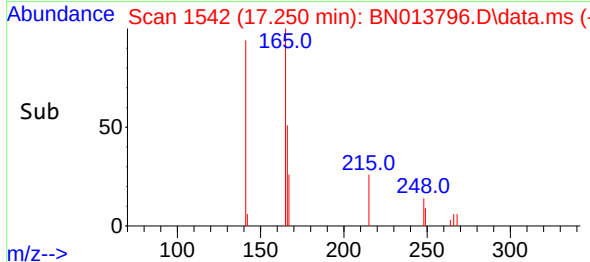
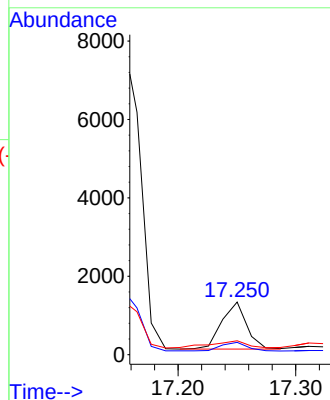
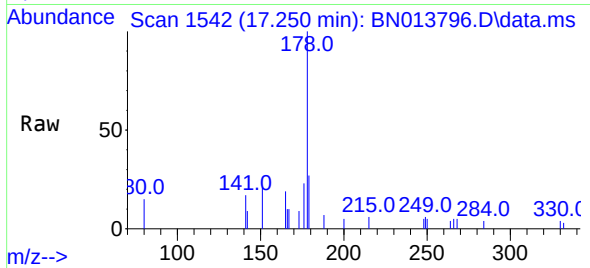


#26
 Anthracene
 Concen: 0.02 ng
 RT: 17.250 min Scan# 1542
 Delta R.T. 0.001 min
 Lab File: BN013796.D
 Acq: 01 Mar 2021 18:04

Instrument :
 BNA_N
 ClientSampleId :
 GW806-20-25-022621

Tgt Ion:178 Resp: 1774

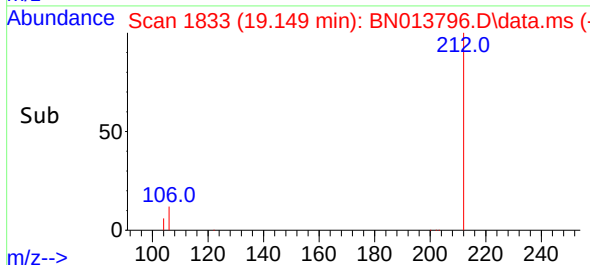
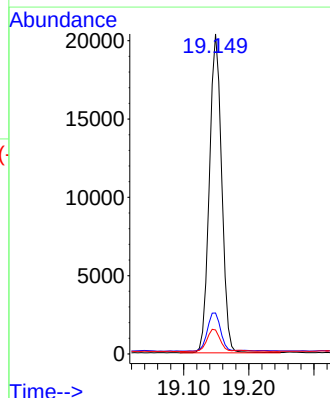
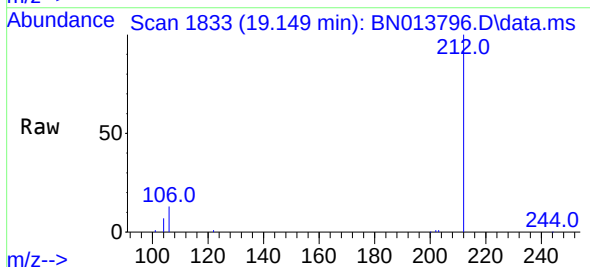
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	21.8	12.2	18.2

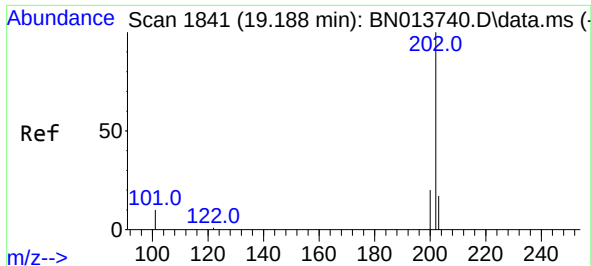


#27
 Fluoranthene-d10
 Concen: 0.31 ng
 RT: 19.149 min Scan# 1833
 Delta R.T. -0.007 min
 Lab File: BN013796.D
 Acq: 01 Mar 2021 18:04

Tgt Ion:212 Resp: 26649

Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.7	14.5
104	7.4	5.5	8.3

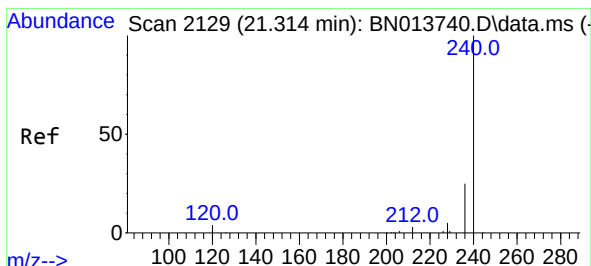
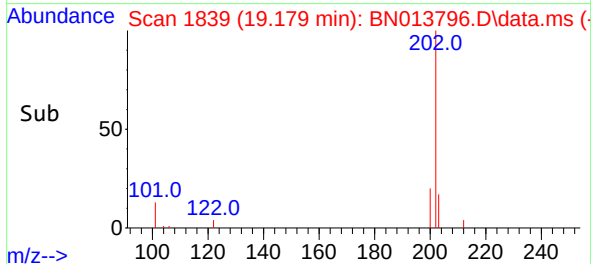
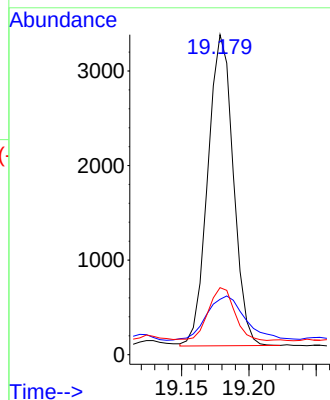
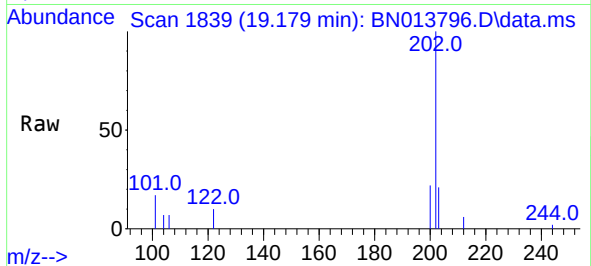




#28
Fluoranthene
Concen: 0.05 ng
RT: 19.179 min Scan# 1839
Delta R.T. -0.007 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

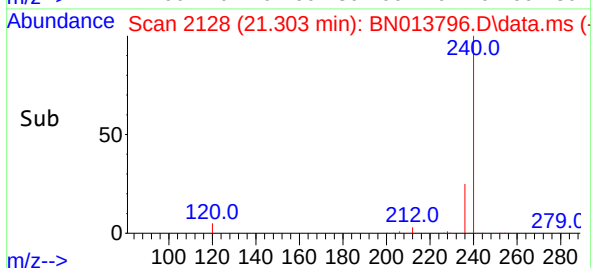
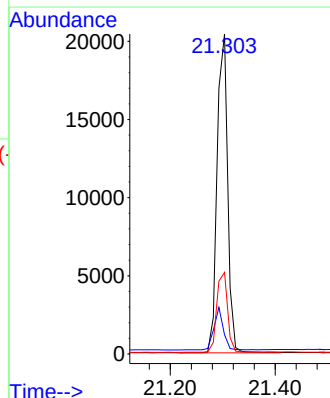
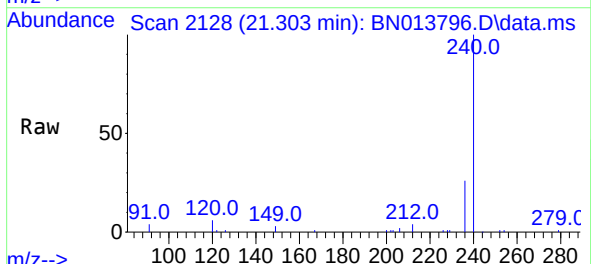
Instrument :
BNA_N
ClientSampleId :
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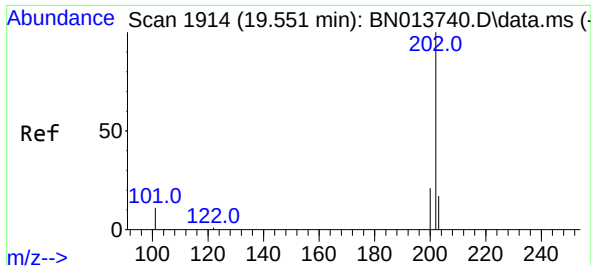
Tgt Ion:202 Resp: 4331
Ion Ratio Lower Upper
202 100
101 22.4 8.1 12.1#
203 17.6 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Tgt Ion:240 Resp: 28343
Ion Ratio Lower Upper
240 100
120 6.0 10.2 15.4#
236 25.5 21.3 31.9

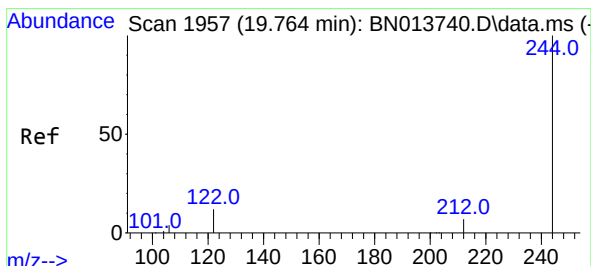
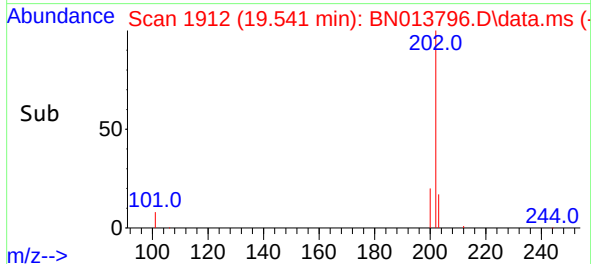
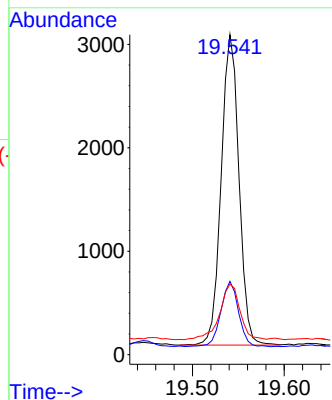
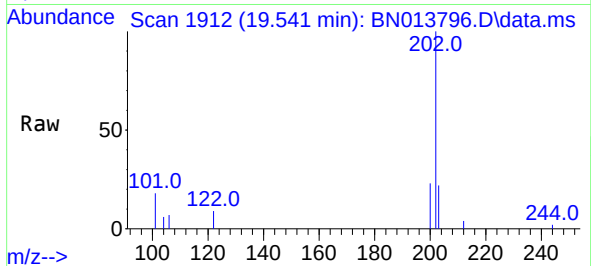




#30
Pyrene
Concen: 0.05 ng
RT: 19.541 min Scan# 1912
Delta R.T. -0.007 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

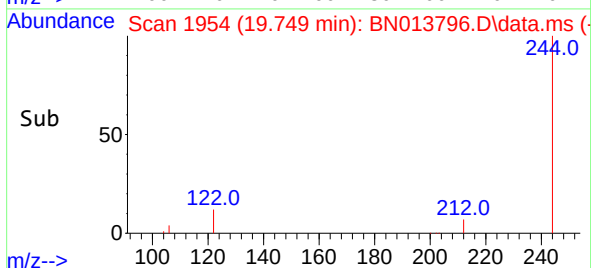
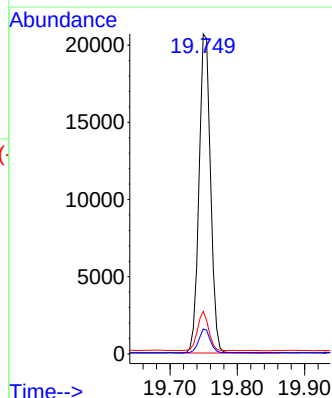
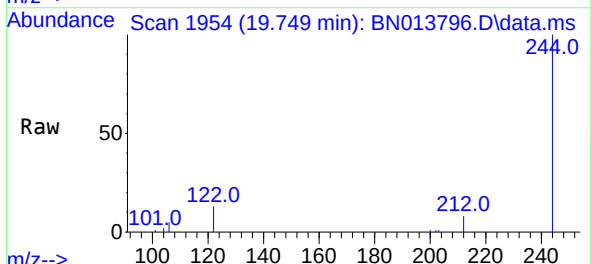
Instrument :
BNA_N
ClientSampleId :
GW806-20-25-022621

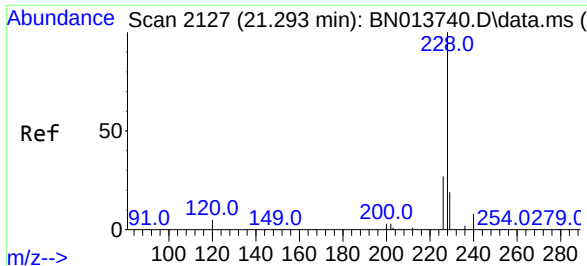
Tgt Ion:	202	Resp:	4041
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.3	24.5
203	20.4	14.0	21.0



#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.749 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Tgt Ion:	244	Resp:	24592
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.1	9.1
122	13.3	9.8	14.8

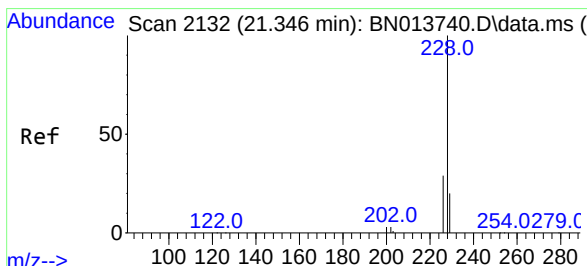
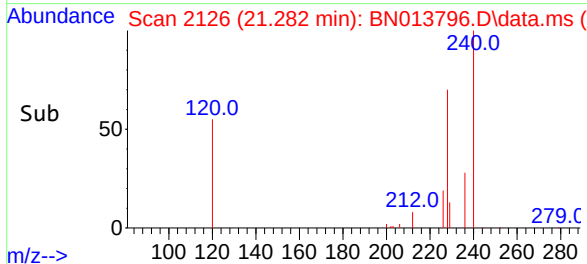
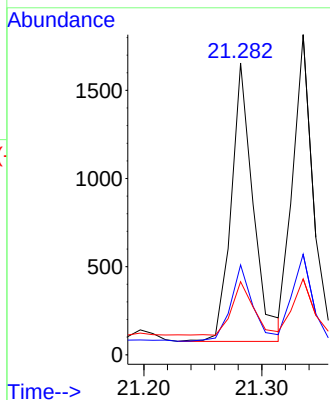
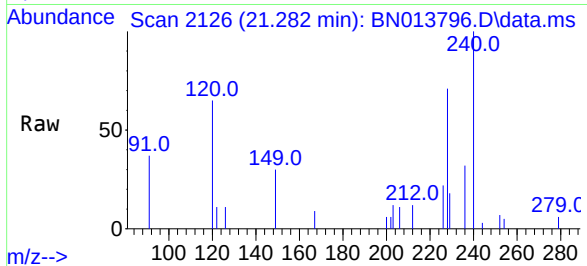




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

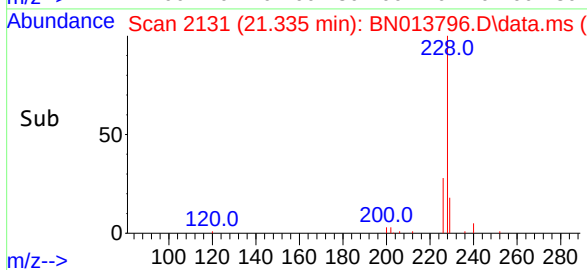
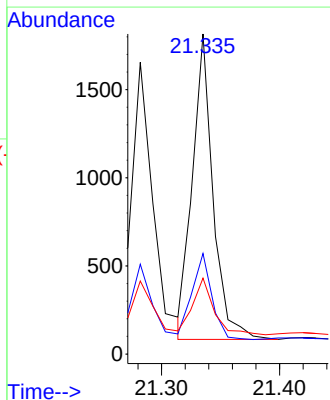
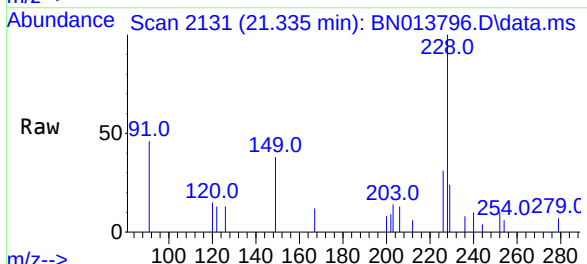
Instrument :
BNA_N
ClientSampleId :
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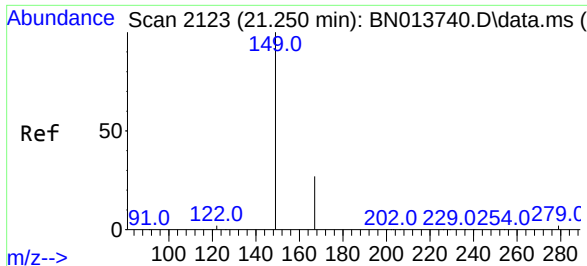
Tgt Ion:228 Resp: 2049
Ion Ratio Lower Upper
228 100
226 30.8 20.5 30.7#
229 25.0 16.2 24.4#



#33
Chrysene
Concen: 0.02 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Tgt Ion:228 Resp: 2104
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 23.7 15.1 22.7#

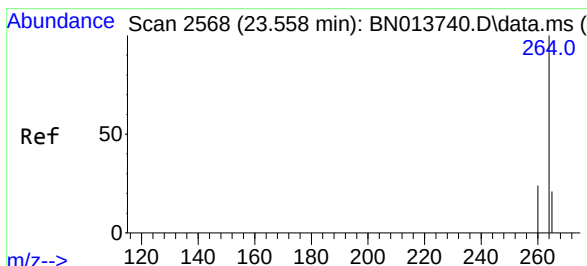
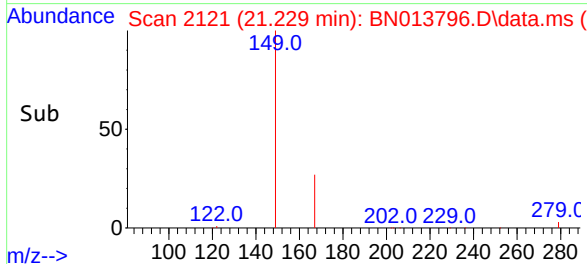
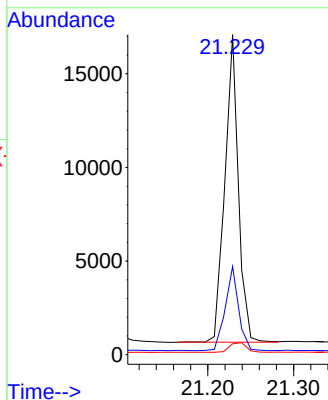
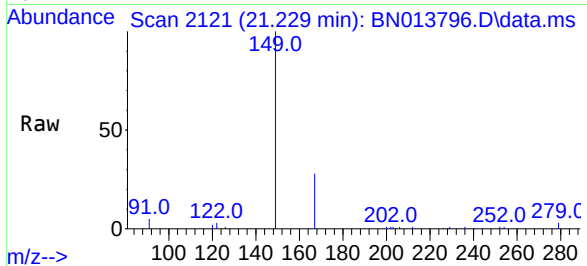




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.008 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

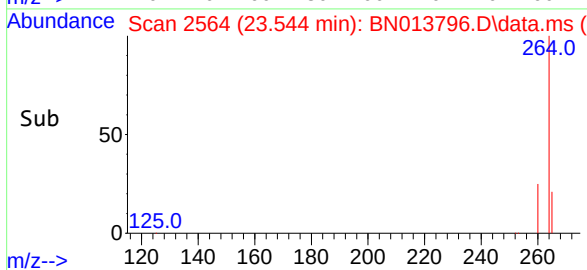
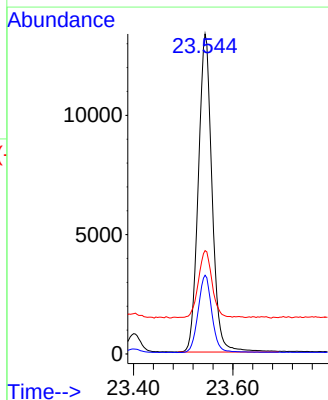
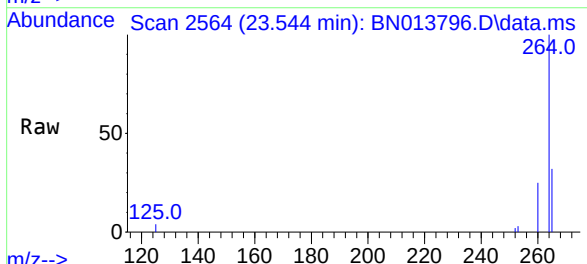
Instrument :
BNA_N
ClientSampleId :
GW806-20-25-022621

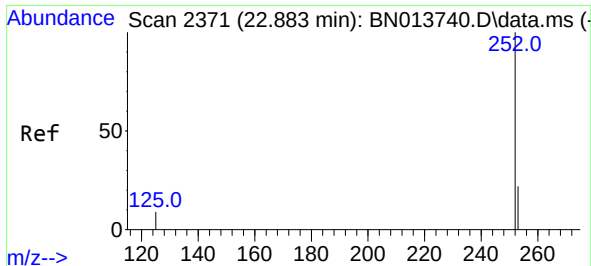
Tgt Ion:149 Resp: 17983
Ion Ratio Lower Upper
149 100
167 26.8 22.1 33.1
279 3.9 3.5 5.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.544 min Scan# 2564
Delta R.T. -0.007 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Tgt Ion:264 Resp: 25567
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 32.3 66.2 99.4#

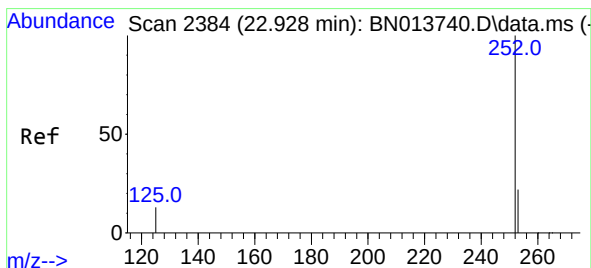
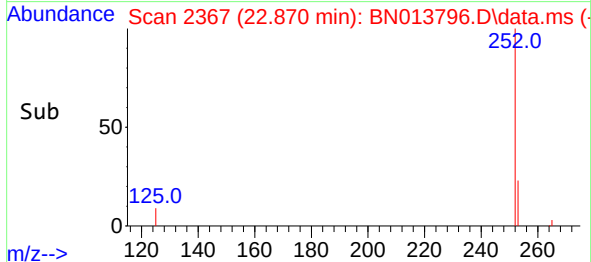
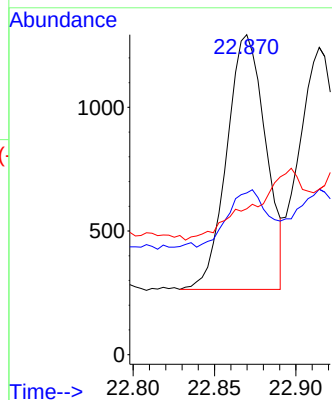
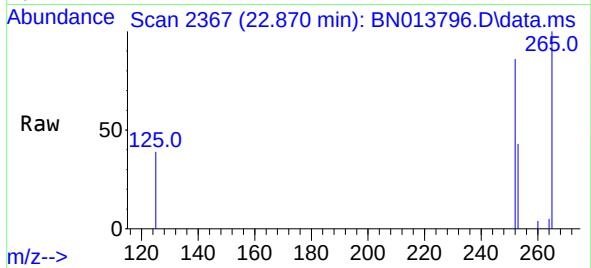




#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.870 min Scan# 2367
Delta R.T. -0.007 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Instrument :
BNA_N
ClientSampleId :
GW806-20-25-022621

Tgt Ion:252 Resp: 1717
Ion Ratio Lower Upper
252 100
253 50.5 20.4 30.6#
125 45.6 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.914 min Scan# 2380
Delta R.T. -0.007 min
Lab File: BN013796.D
Acq: 01 Mar 2021 18:04

Tgt Ion:252 Resp: 1659
Ion Ratio Lower Upper
252 100
253 53.8 20.5 30.7#
125 53.8 12.3 18.5#

