

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
 Data File : BN013809.D
 Acq On : 02 Mar 2021 15:14
 Operator : CG/JU
 Sample : M1535-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW807B-41-46-022721

Quant Time: Mar 02 15:44:04 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)

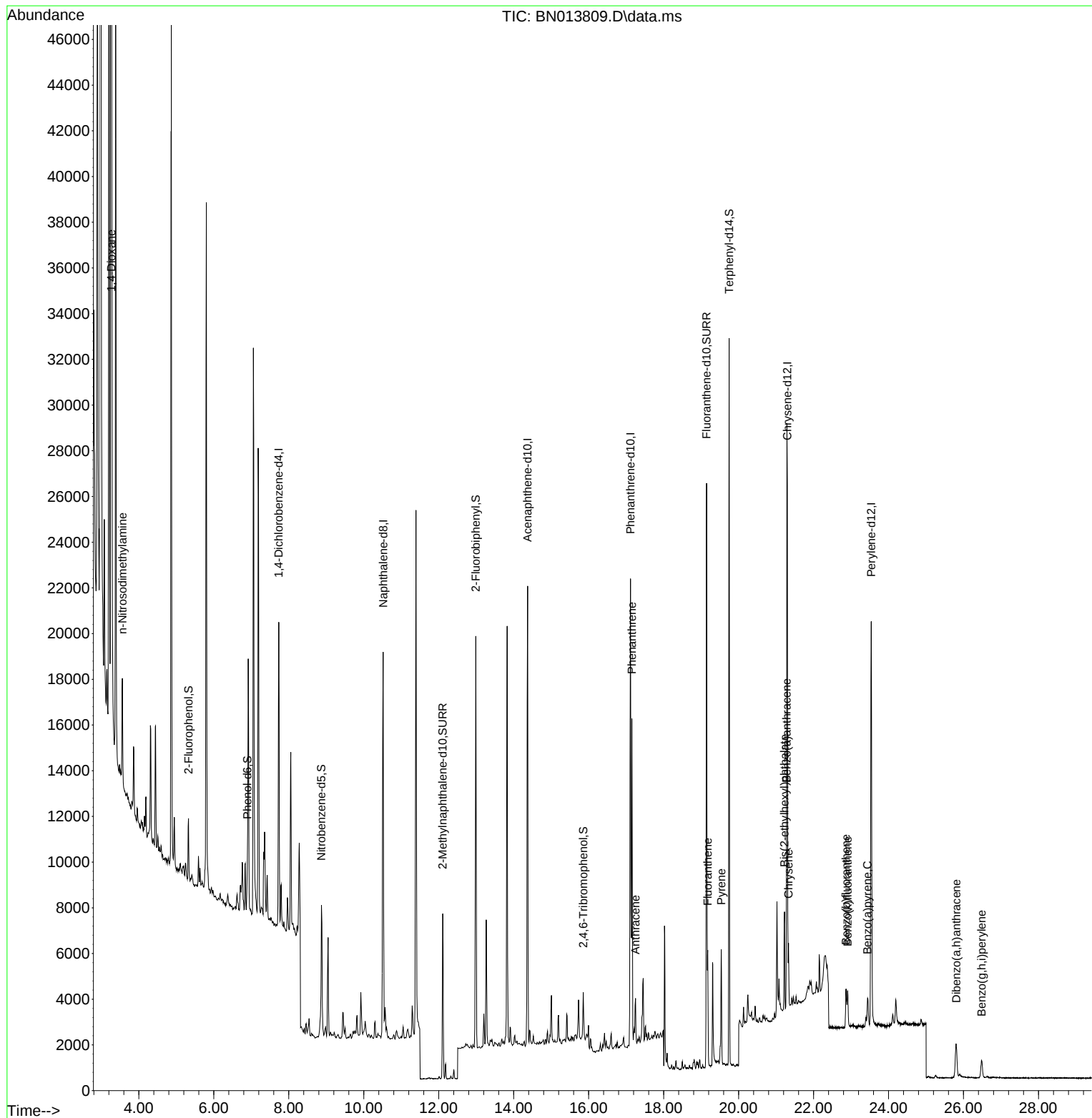
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	5866	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	22352	0.40	ng	-0.01
13) Acenaphthene-d10	14.372	164	11821	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	26255	0.40	ng	#-0.01
29) Chrysene-d12	21.300	240	25887	0.40	ng	# 0.00
36) Perylene-d12	23.538	264	23645	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1942	0.12	ng	0.00
5) Phenol-d6	6.895	99	1460	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	5069	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	9409	0.26	ng	-0.01
14) 2,4,6-Tribromophenol	15.856	330	1396	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	14506	0.35	ng	-0.01
27) Fluoranthene-d10	19.146	212	27608	0.36	ng	0.00
31) Terphenyl-d14	19.747	244	29283	0.51	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	135028	19.04	ng	98
3) n-Nitrosodimethylamine	3.561	42	325	0.06	ng	# 1
25) Phenanthrene	17.152	178	14015	0.20	ng	98
26) Anthracene	17.250	178	2201	0.03	ng	98
28) Fluoranthene	19.176	202	4251	0.05	ng	# 94
30) Pyrene	19.538	202	4174	0.05	ng	96
32) Benzo(a)anthracene	21.279	228	2072	0.03	ng	91
33) Chrysene	21.332	228	2238	0.03	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.226	149	4499	0.12	ng	99
37) Benzo(b)fluoranthene	22.864	252	2088	0.03	ng	# 49
38) Benzo(k)fluoranthene	22.908	252	1910	0.03	ng	# 46
39) Benzo(a)pyrene	23.439	252	1685	0.02	ng	# 26
40) Dibenzo(a,h)anthracene	25.811	278	1509	0.02	ng	# 59
41) Benzo(g,h,i)perylene	26.485	276	1640	0.02	ng	# 77

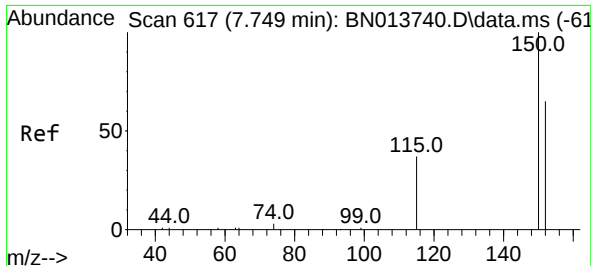
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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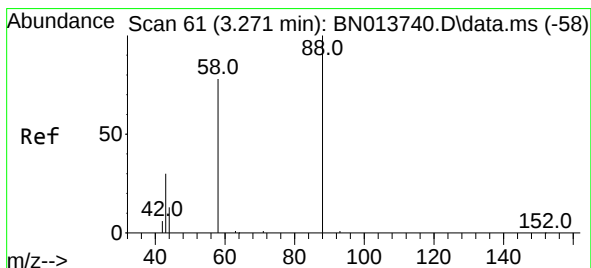
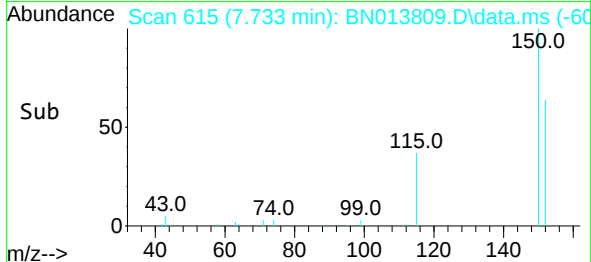
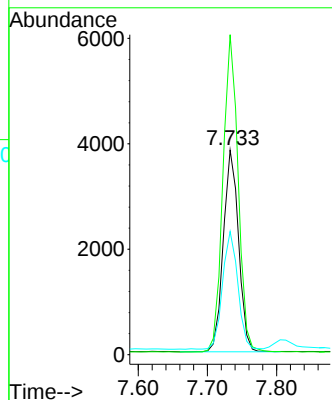
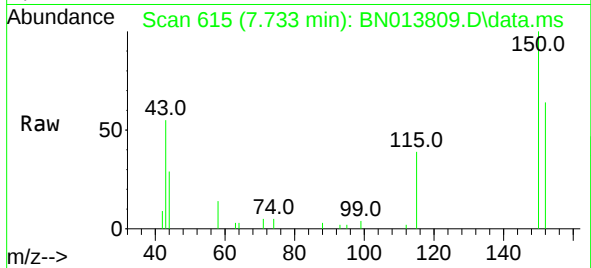




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.733 min Scan# 615
Delta R.T. -0.008 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

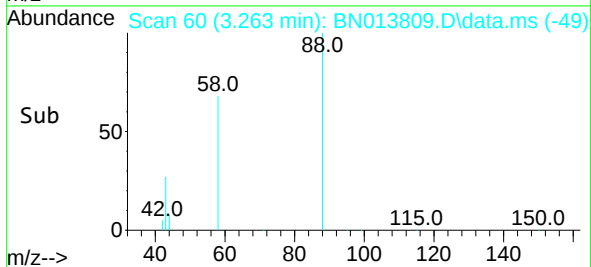
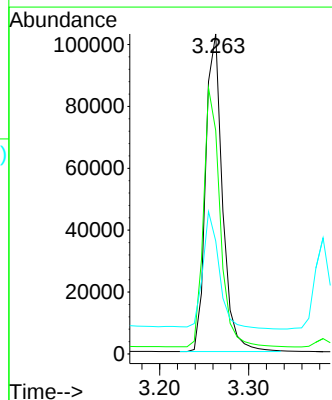
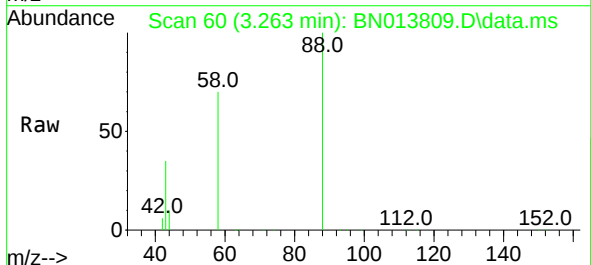
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

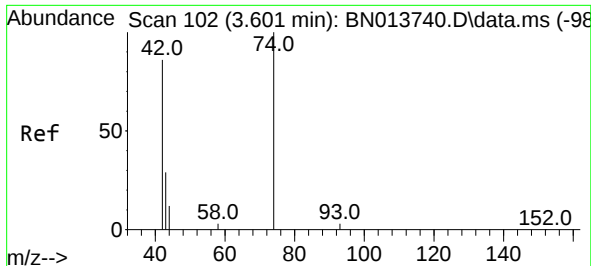
Tgt Ion:152 Resp: 5866
Ion Ratio Lower Upper
152 100
150 156.3 121.8 182.8
115 60.2 46.6 69.8



#2
1,4-Dioxane
Concen: 19.04 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 88 Resp: 135028
Ion Ratio Lower Upper
88 100
58 80.0 64.6 96.8
43 35.7 26.6 40.0

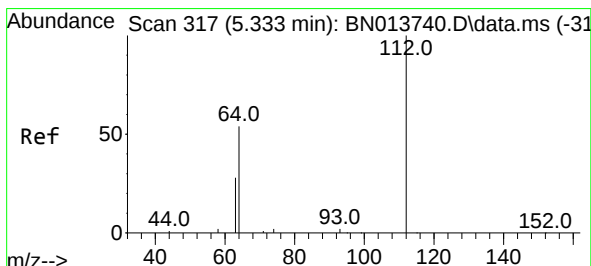
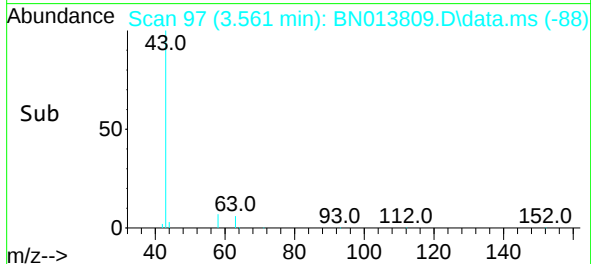
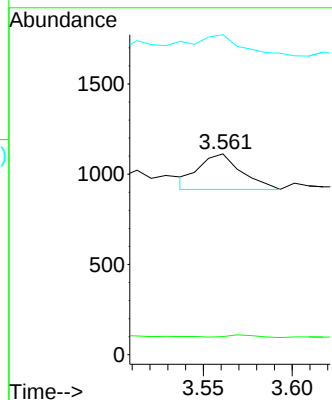
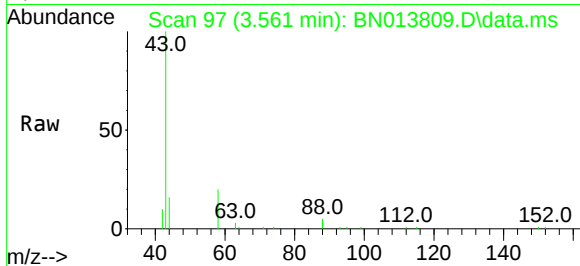




#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.561 min Scan# 97
Delta R.T. -0.024 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

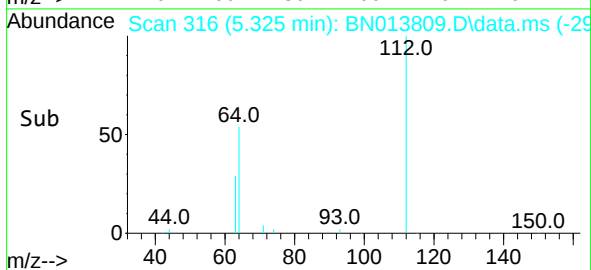
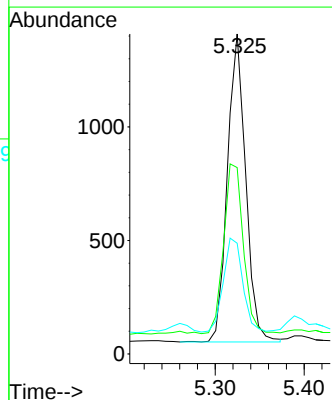
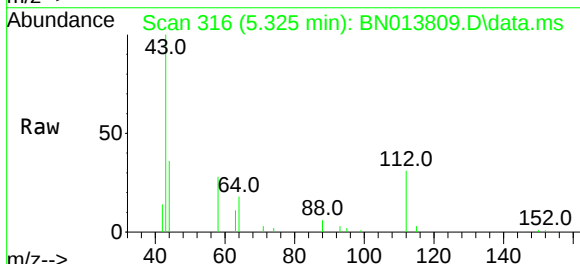
Instrument :
BNA_N
ClientSampleId :
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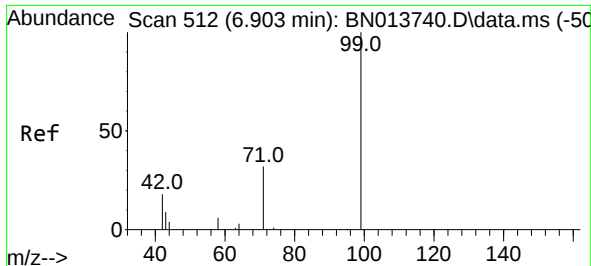
Tgt Ion: 42 Resp: 325
Ion Ratio Lower Upper
42 100
74 5.2 95.0 142.6#
44 91.1 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 112 Resp: 1942
Ion Ratio Lower Upper
112 100
64 59.8 44.3 66.5
63 32.7 23.0 34.6

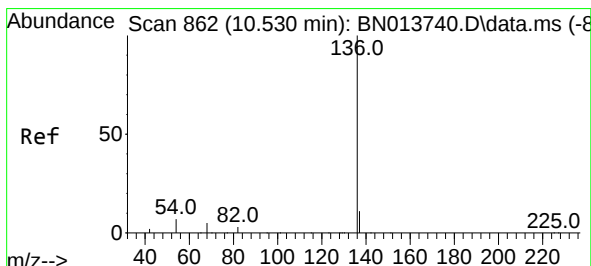
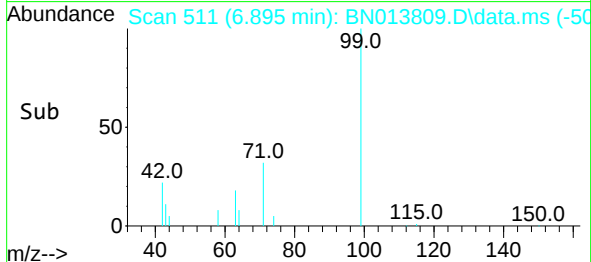
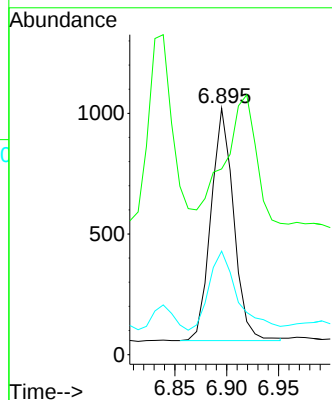
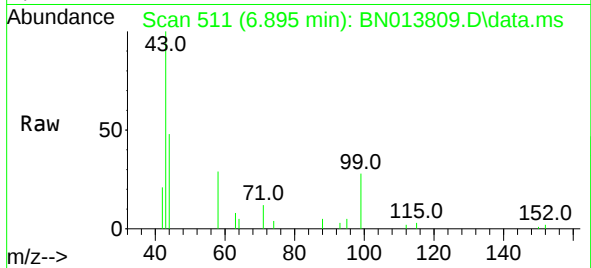




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

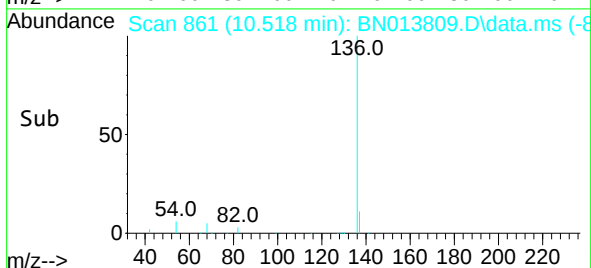
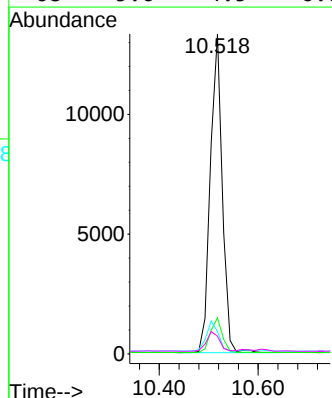
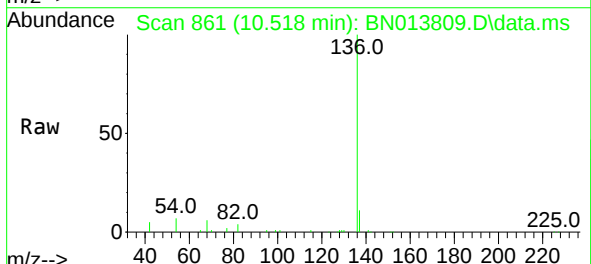
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

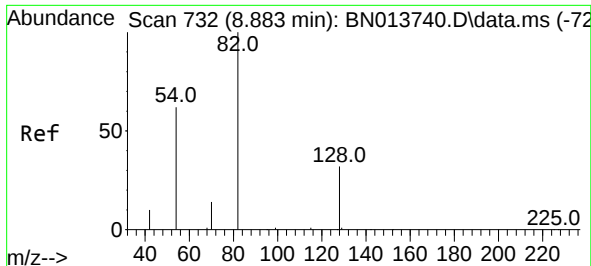
Tgt Ion: 99 Resp: 1460
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 42.8 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 136 Resp: 22352
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.0 6.4 9.6
68 5.6 4.5 6.7

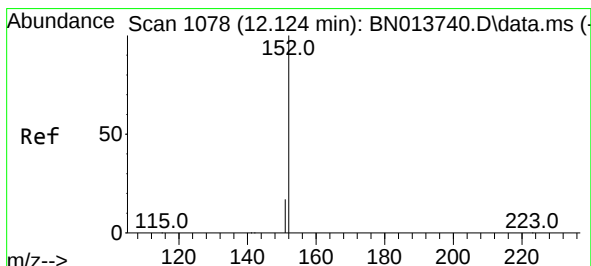
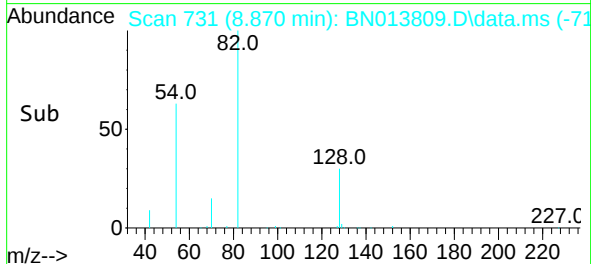
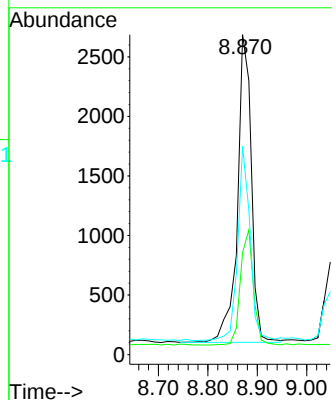
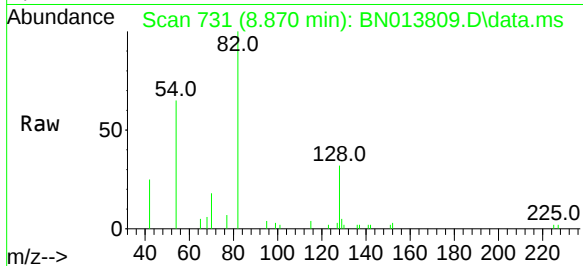




#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.013 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

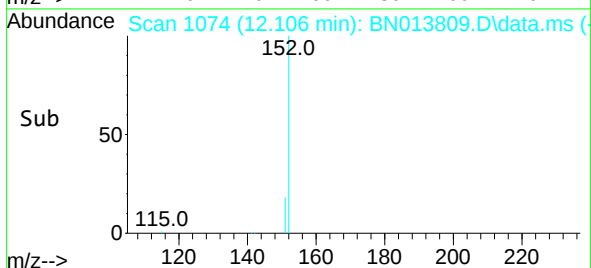
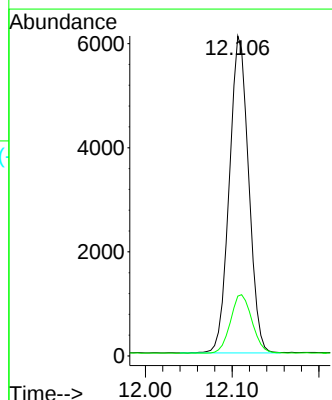
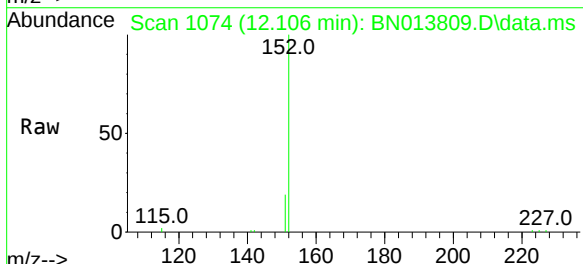
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

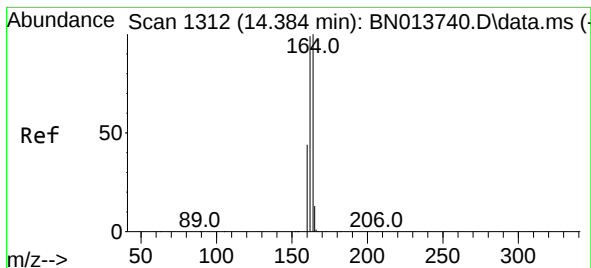
Tgt Ion: 82 Resp: 5069
Ion Ratio Lower Upper
82 100
128 32.0 39.2 58.8#
54 65.1 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.106 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion: 152 Resp: 9409
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2

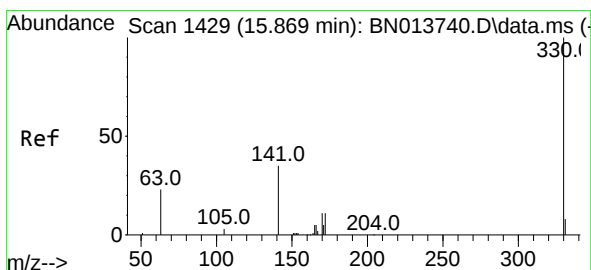
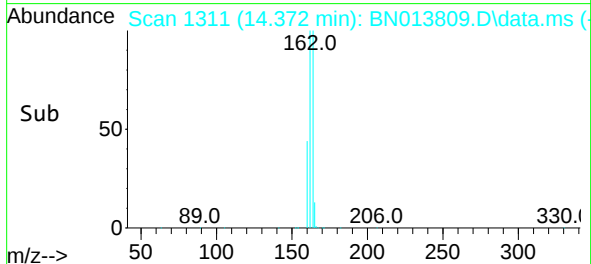
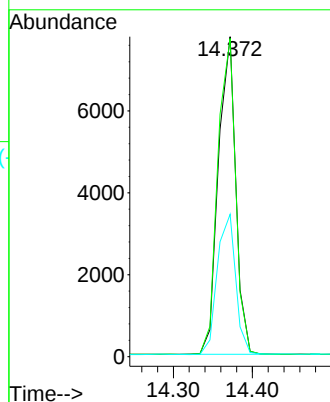
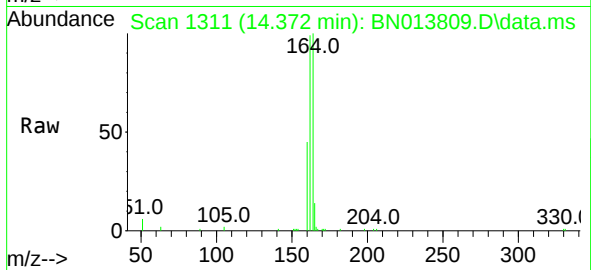




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

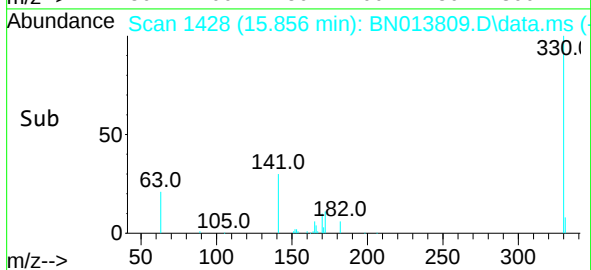
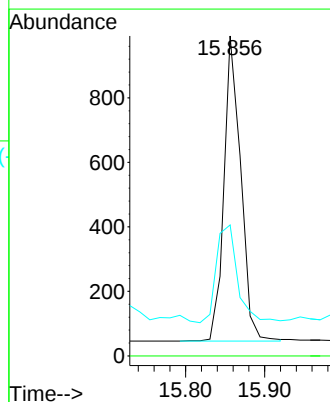
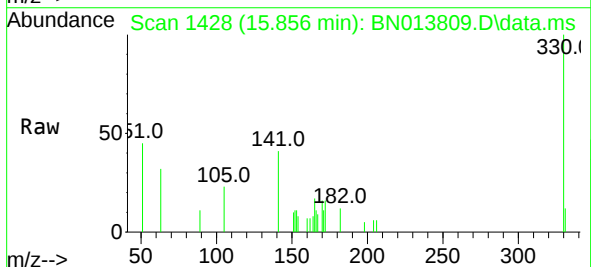
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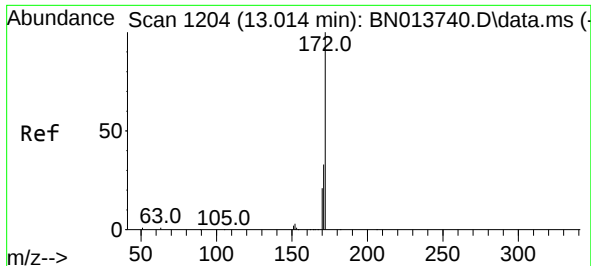
Tgt Ion:164 Resp: 11821
Ion Ratio Lower Upper
164 100
162 99.5 79.6 119.4
160 44.5 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion:330 Resp: 1396
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.7 26.8 40.2#

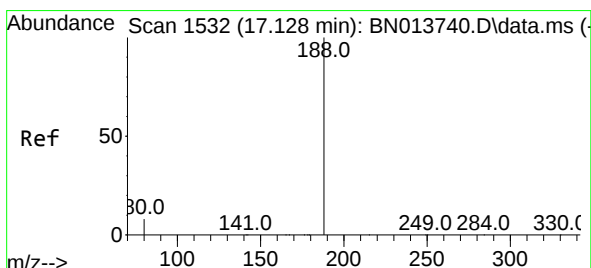
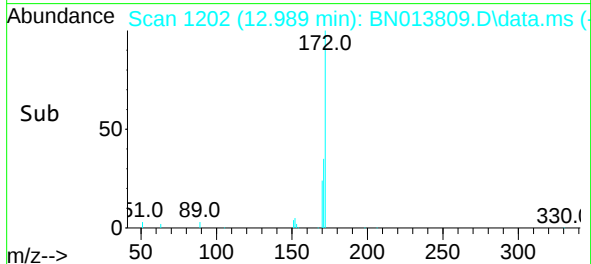
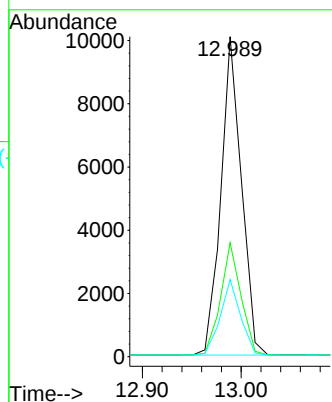
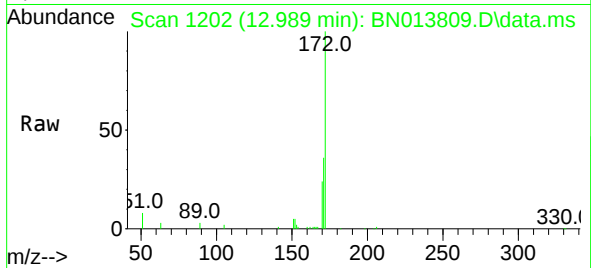




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

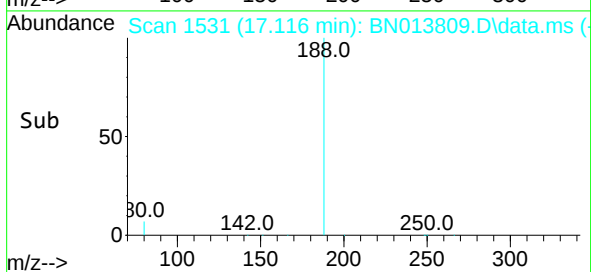
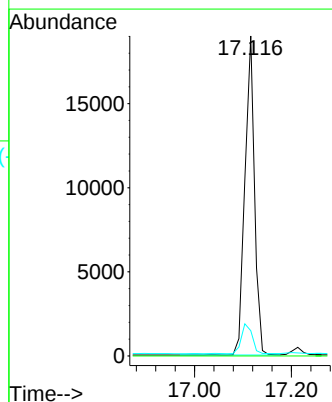
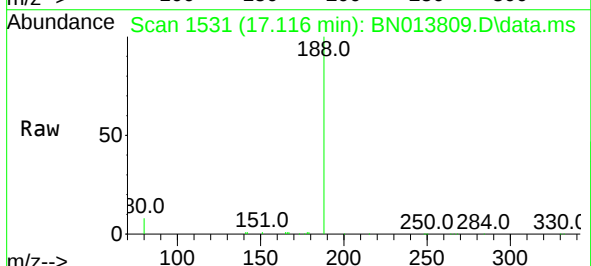
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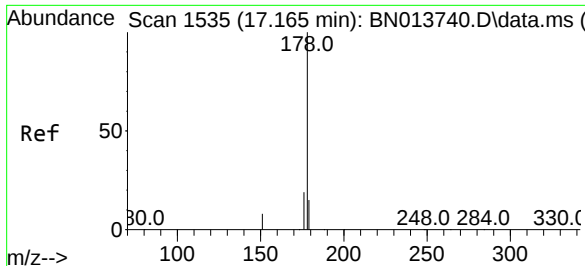
Tgt Ion:172	Resp:	14506
Ion Ratio	Lower	Upper
172	100	
171	35.6	28.6 42.8
170	24.1	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

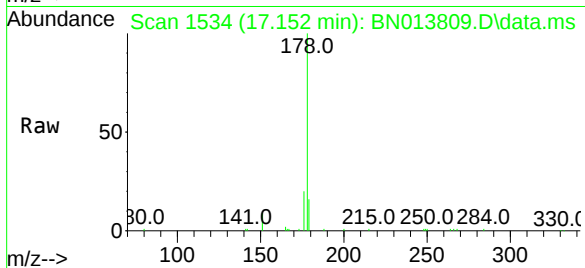
Tgt Ion:188	Resp:	26255
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.9	9.0 13.6#



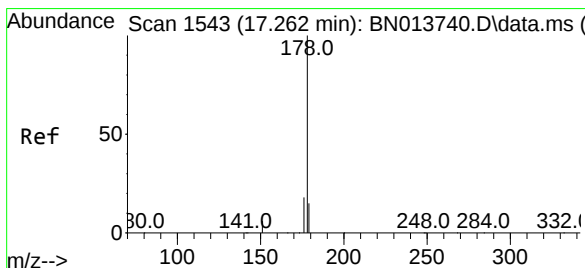
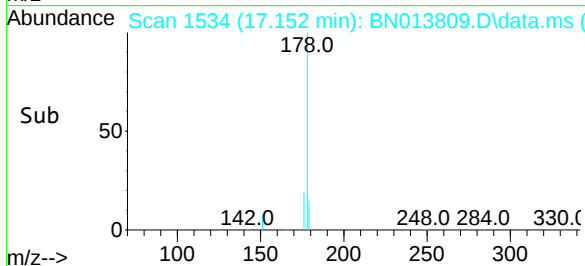
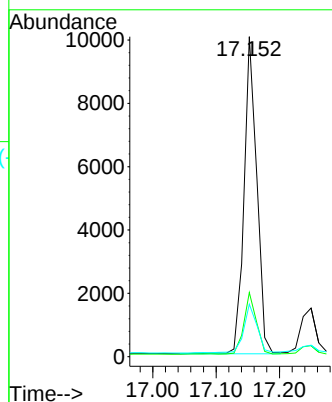


#25
Phenanthrene
Concen: 0.20 ng
RT: 17.152 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

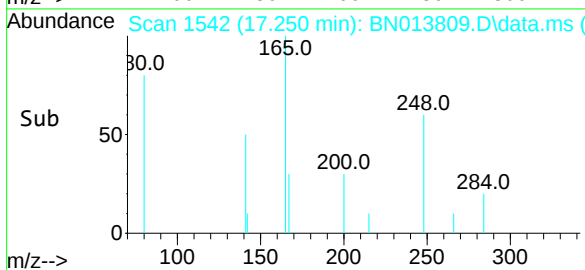
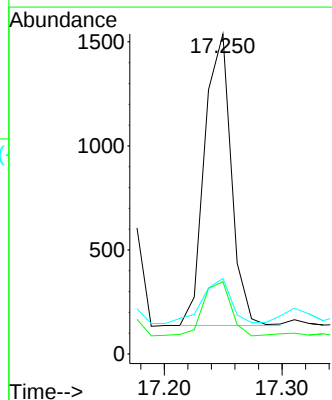
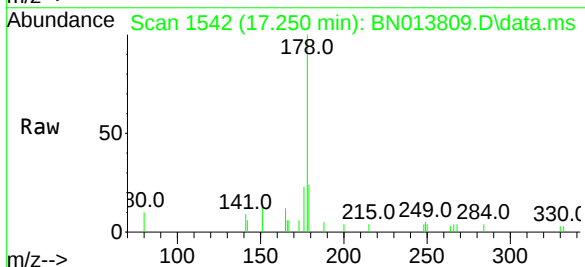


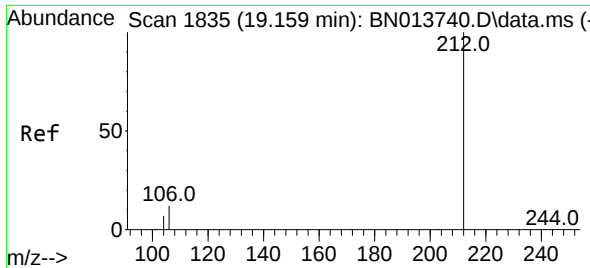
Tgt Ion:178 Resp: 14015
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 16.5 12.3 18.5



#26
Anthracene
Concen: 0.03 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion:178 Resp: 2201
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 16.5 12.2 18.2

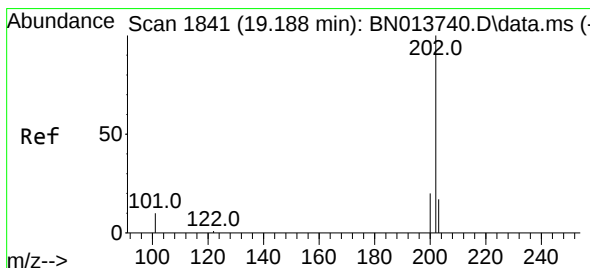
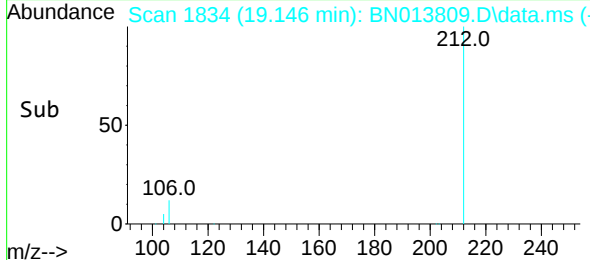
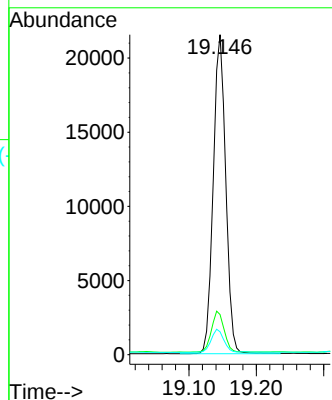
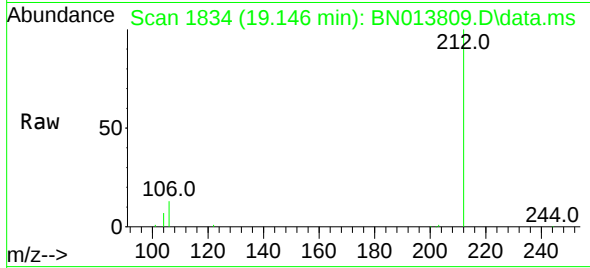




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.146 min Scan# 1834
Delta R.T. -0.010 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

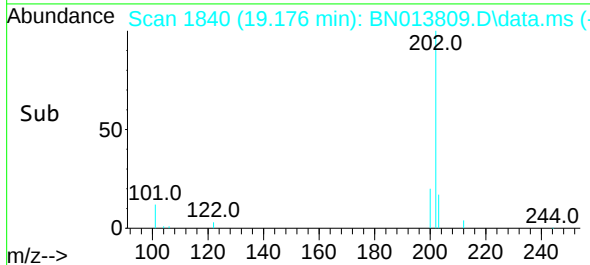
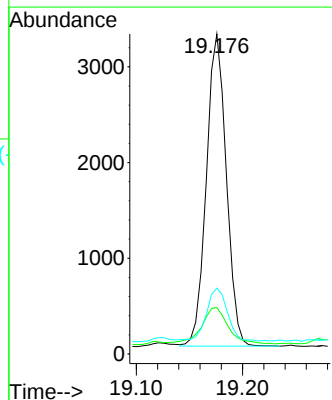
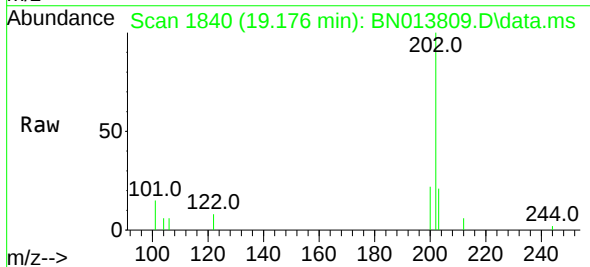
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

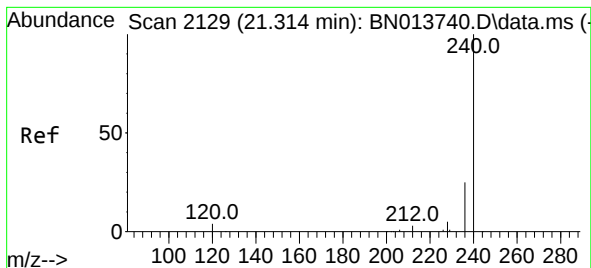
Tgt Ion:212 Resp: 27608
Ion Ratio Lower Upper
212 100
106 13.0 9.7 14.5
104 7.4 5.5 8.3



#28
Fluoranthene
Concen: 0.05 ng
RT: 19.176 min Scan# 1840
Delta R.T. -0.010 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion:202 Resp: 4251
Ion Ratio Lower Upper
202 100
101 15.4 8.1 12.1#
203 18.0 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: BN013809.D

Acq: 02 Mar 2021 15:14

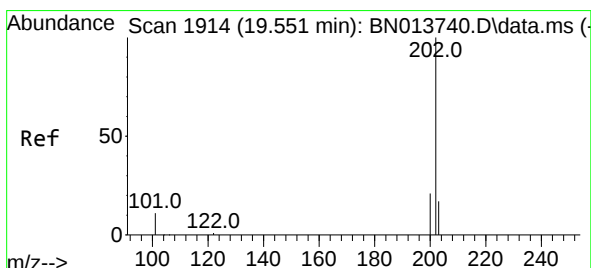
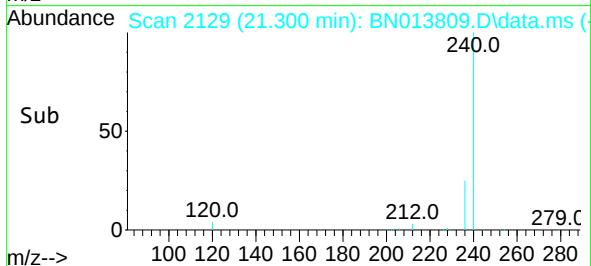
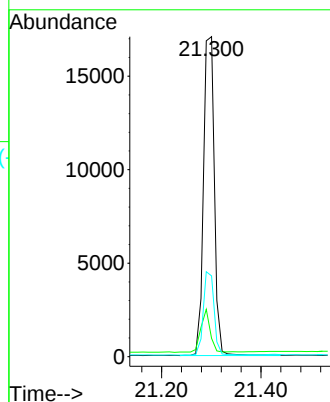
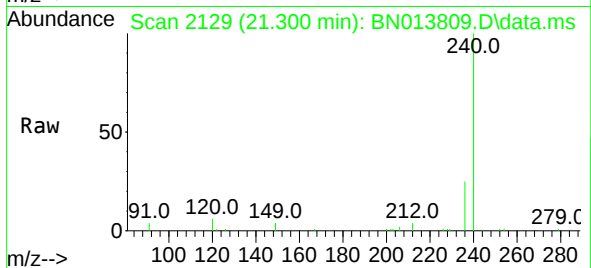
Tgt Ion:	240	Resp:	25887
Ion Ratio	Lower	Upper	
240	100		
120	5.8	10.2	15.4#
236	25.3	21.3	31.9

Instrument :

BNA_N

ClientSampleId :

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#30

Pyrene

Concen: 0.05 ng

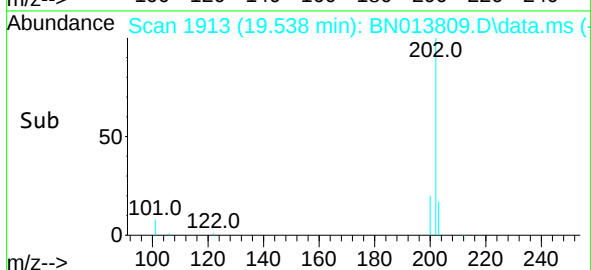
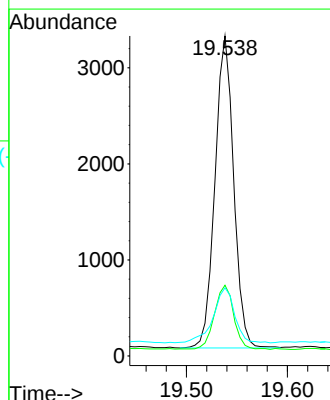
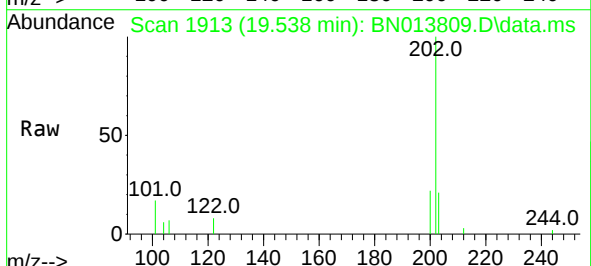
RT: 19.538 min Scan# 1913

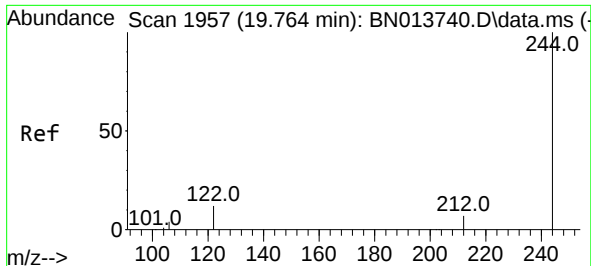
Delta R.T. -0.010 min

Lab File: BN013809.D

Acq: 02 Mar 2021 15:14

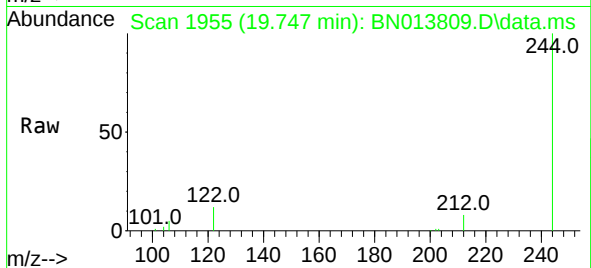
Tgt Ion:	202	Resp:	4174
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.3	24.5
203	20.1	14.0	21.0



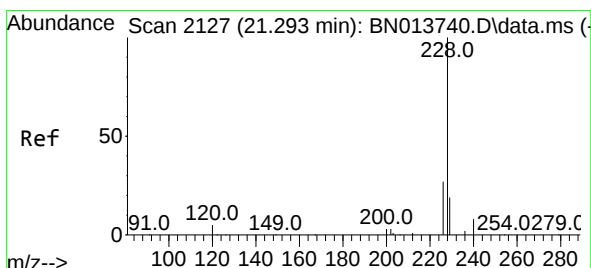
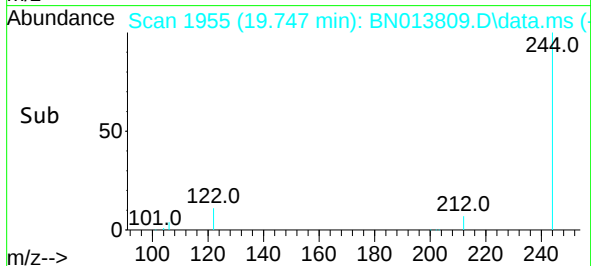
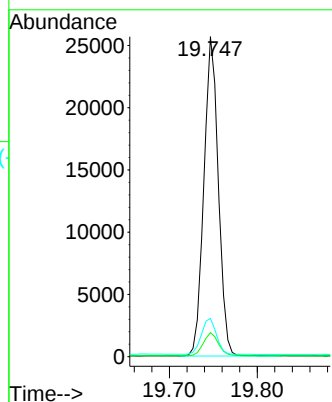


#31
 Terphenyl-d14
 Concen: 0.51 ng
 RT: 19.747 min Scan# 1955
 Delta R.T. -0.015 min
 Lab File: BN013809.D
 Acq: 02 Mar 2021 15:14

Instrument :
 BNA_N
 ClientSampleId :
 GW807B-41-46-022721

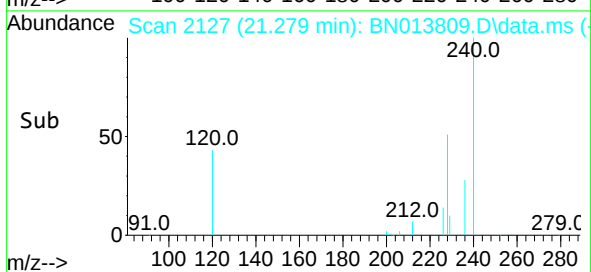
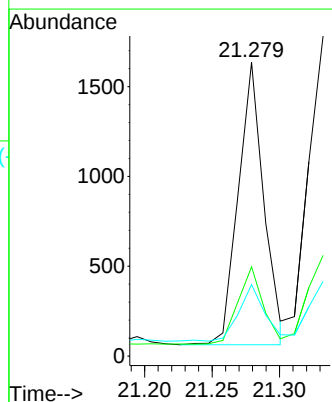
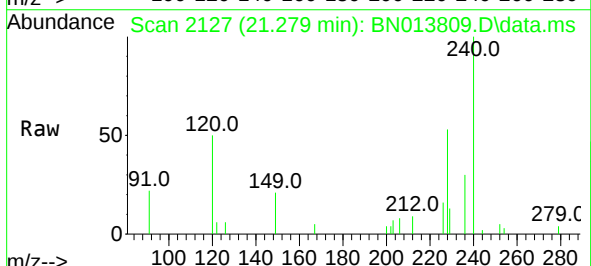


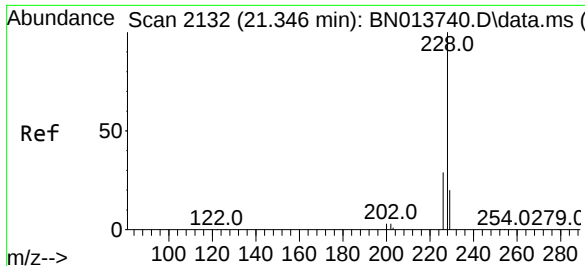
Tgt Ion:244 Resp: 29283
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.0 9.8 14.8



#32
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.279 min Scan# 2127
 Delta R.T. -0.011 min
 Lab File: BN013809.D
 Acq: 02 Mar 2021 15:14

Tgt Ion:228 Resp: 2072
 Ion Ratio Lower Upper
 228 100
 226 30.4 20.5 30.7
 229 24.3 16.2 24.4

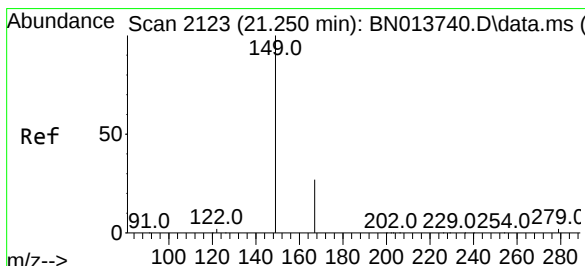
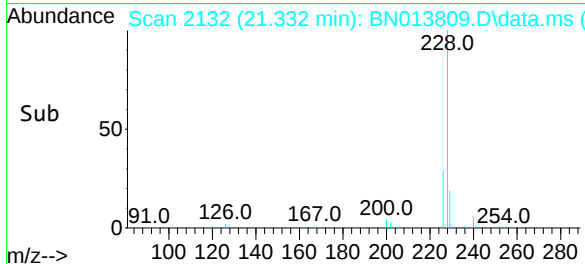
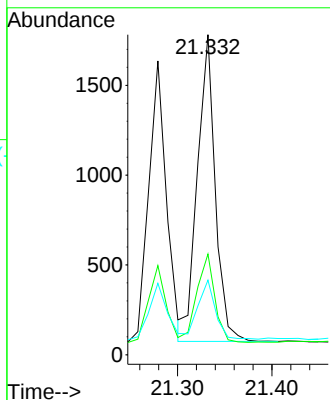
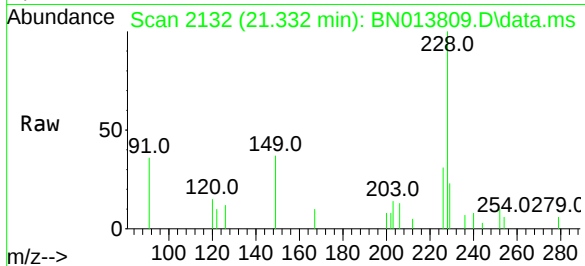




#33
Chrysene
Concen: 0.03 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

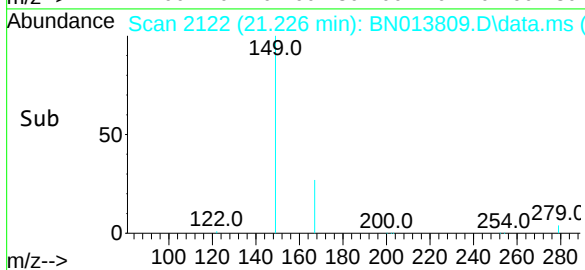
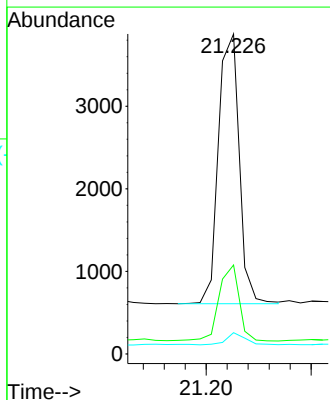
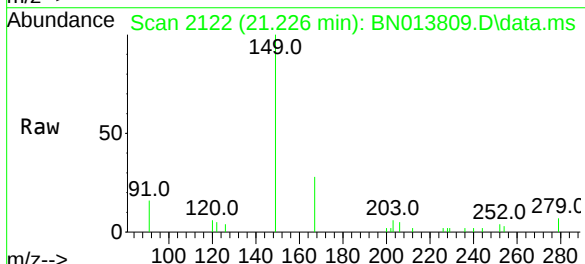
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

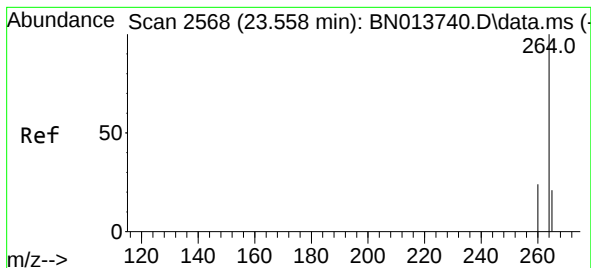
Tgt Ion:	228	Resp:	2238
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.3	36.5
229	23.3	15.1	22.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.226 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

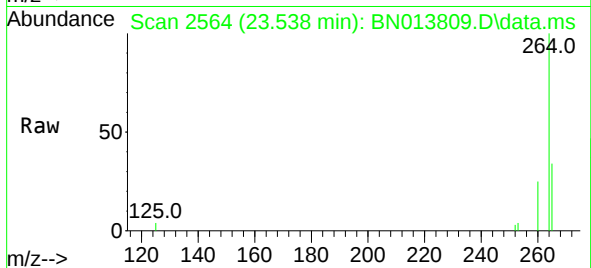
Tgt Ion:	149	Resp:	4499
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.1	33.1
279	4.1	3.5	5.3



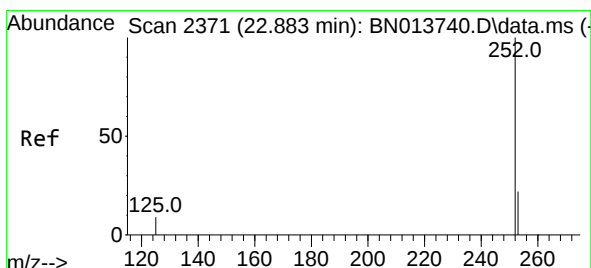
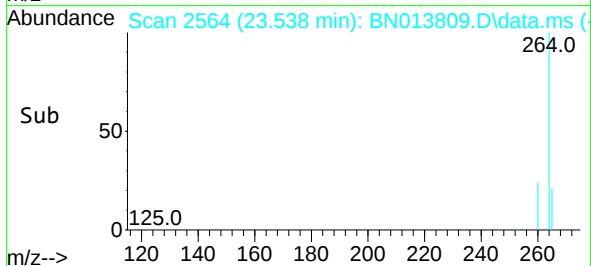
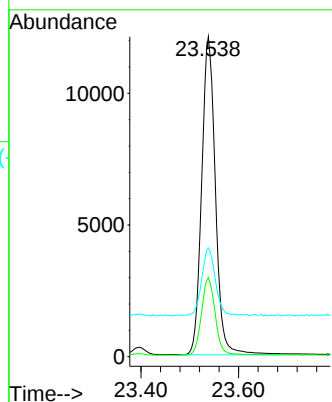


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.538 min Scan# 2564
 Delta R.T. -0.014 min
 Lab File: BN013809.D
 Acq: 02 Mar 2021 15:14

Instrument :
 BNA_N
 ClientSampleId :
 GW807B-41-46-022721

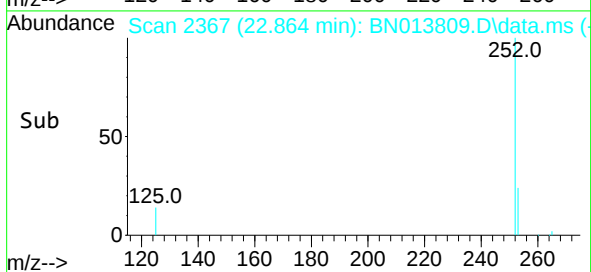
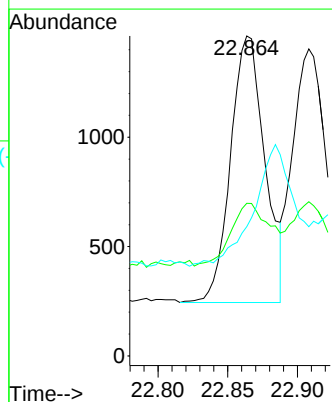
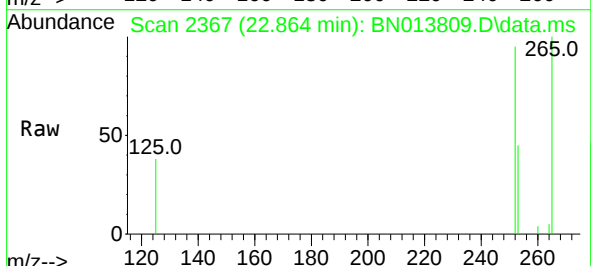


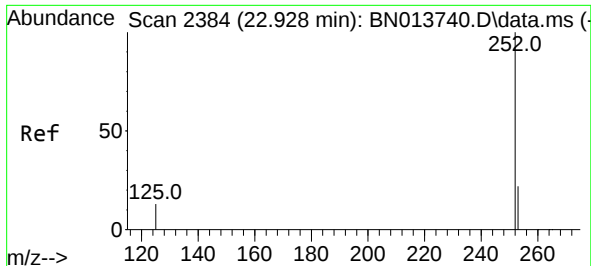
Tgt Ion:264 Resp: 23645
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 34.0 66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.864 min Scan# 2367
 Delta R.T. -0.014 min
 Lab File: BN013809.D
 Acq: 02 Mar 2021 15:14

Tgt Ion:252 Resp: 2088
 Ion Ratio Lower Upper
 252 100
 253 47.7 20.4 30.6#
 125 40.4 11.6 17.4#

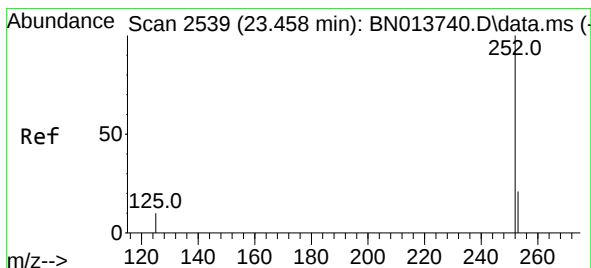
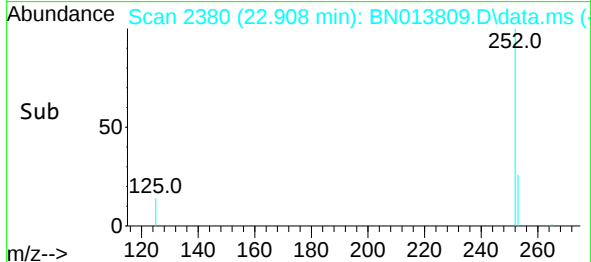
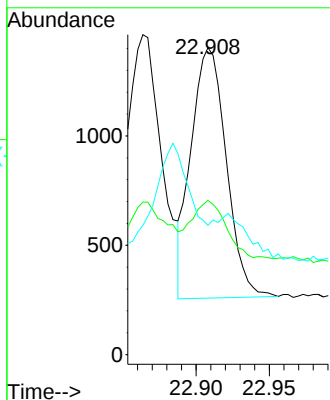
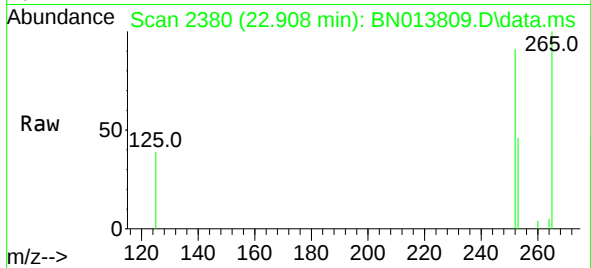




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.908 min Scan# 2380
Delta R.T. -0.014 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

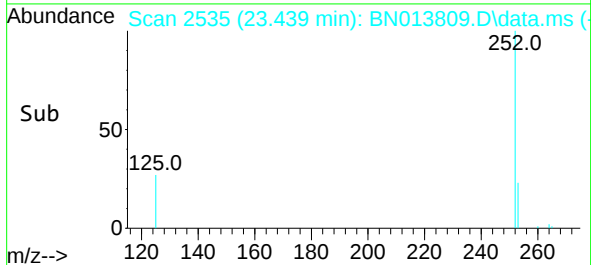
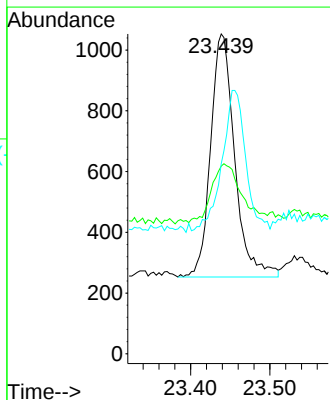
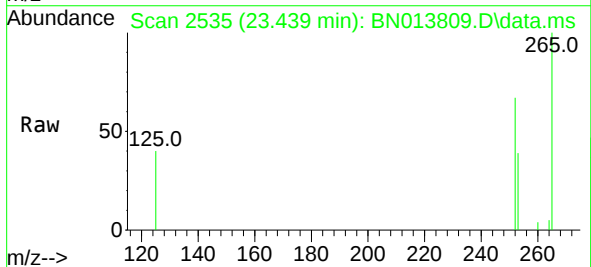
Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

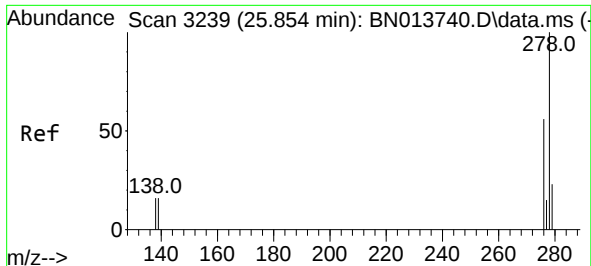
Tgt Ion:252 Resp: 1910
Ion Ratio Lower Upper
252 100
253 50.2 20.5 30.7#
125 42.1 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.439 min Scan# 2535
Delta R.T. -0.017 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion:252 Resp: 1685
Ion Ratio Lower Upper
252 100
253 58.7 21.8 32.6#
125 59.4 14.6 21.8#

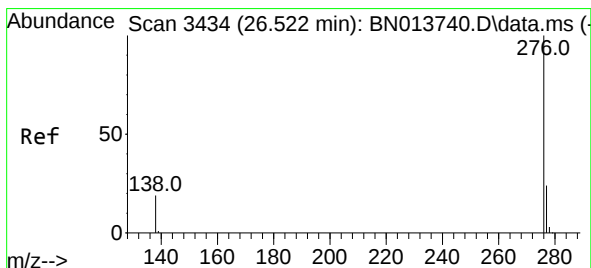
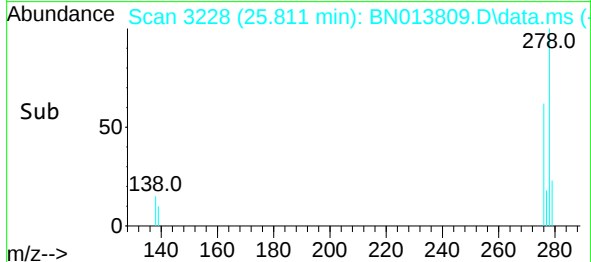
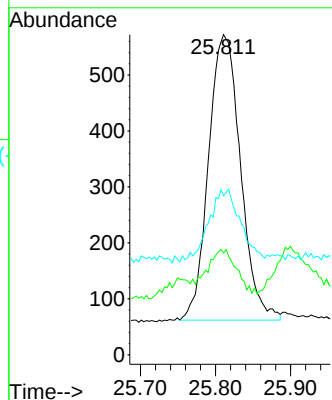
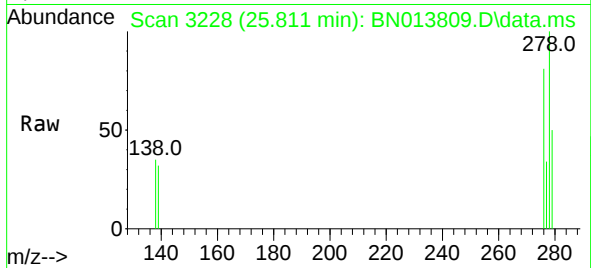




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.811 min Scan# 3228
Delta R.T. -0.027 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Instrument :
BNA_N
ClientSampleId :
GW807B-41-46-022721

Tgt Ion:278 Resp: 1509
Ion Ratio Lower Upper
278 100
139 31.8 13.1 19.7#
279 49.7 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.485 min Scan# 3425
Delta R.T. -0.024 min
Lab File: BN013809.D
Acq: 02 Mar 2021 15:14

Tgt Ion:276 Resp: 1640
Ion Ratio Lower Upper
276 100
277 35.0 20.0 30.0#
138 35.2 17.8 26.8#

