

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
 Data File : BN013810.D
 Acq On : 02 Mar 2021 15:50
 Operator : CG/JU
 Sample : M1535-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-030121

Quant Time: Mar 02 17:10:39 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)

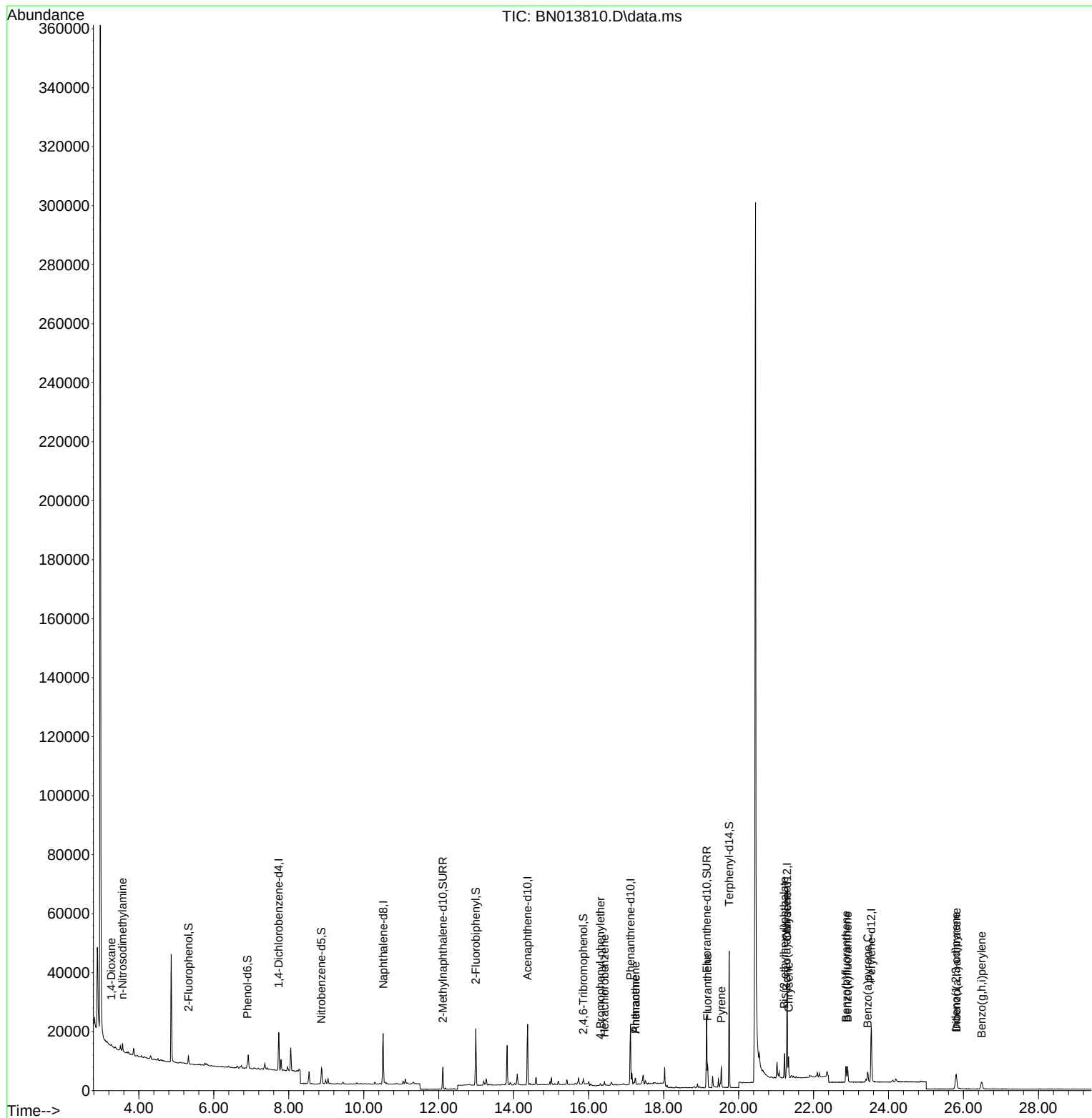
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	5669	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	22187	0.40	ng	-0.01
13) Acenaphthene-d10	14.371	164	12048	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	26745	0.40	ng	#-0.01
29) Chrysene-d12	21.292	240	26807	0.40	ng	0.00
36) Perylene-d12	23.537	264	24523	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	1912	0.13	ng	0.00
5) Phenol-d6	6.895	99	1467	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	4551	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	9635	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	1211	0.25	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	15226	0.36	ng	-0.01
27) Fluoranthene-d10	19.149	212	27634	0.35	ng	0.00
31) Terphenyl-d14	19.749	244	43581	0.74	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	340	0.05	ng	# 1
3) n-Nitrosodimethylamine	3.561	42	476	0.09	ng	# 1
21) 4-Bromophenyl-phenylether	16.313	248	329	0.02	ng	# 89
22) Hexachlorobenzene	16.422	284	718	0.05	ng	92
25) Phenanthrene	17.250	178	2307	0.03	ng	98
26) Anthracene	17.250	178	2264	0.03	ng	97
28) Fluoranthene	19.173	202	6238	0.07	ng	# 96
30) Pyrene	19.536	202	5683	0.07	ng	97
32) Benzo(a)anthracene	21.282	228	5784	0.07	ng	98
33) Chrysene	21.335	228	6442	0.08	ng	97
34) Bis(2-ethylhexyl)phtha...	21.218	149	8098	0.21	ng	100
35) Indeno(1,2,3-cd)pyrene	25.793	276	6173	0.06	ng	99
37) Benzo(b)fluoranthene	22.863	252	6552	0.08	ng	# 88
38) Benzo(k)fluoranthene	22.907	252	6280	0.08	ng	# 89
39) Benzo(a)pyrene	23.441	252	4759	0.07	ng	# 75
40) Dibenzo(a,h)anthracene	25.813	278	4724	0.06	ng	# 89
41) Benzo(g,h,i)perylene	26.484	276	5017	0.07	ng	92

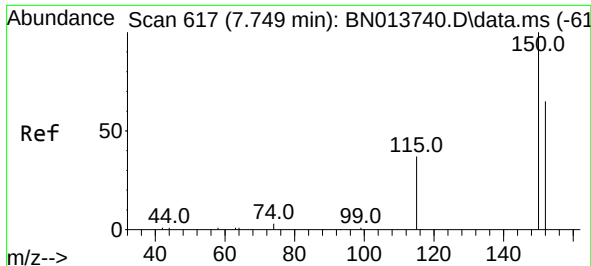
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 25 11:31:11 2021
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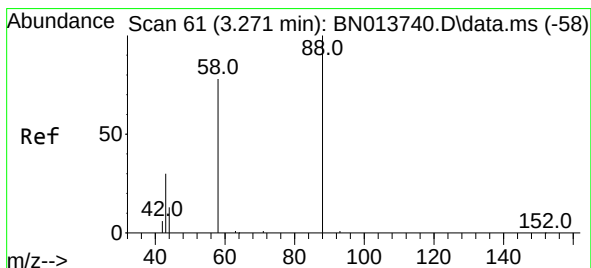
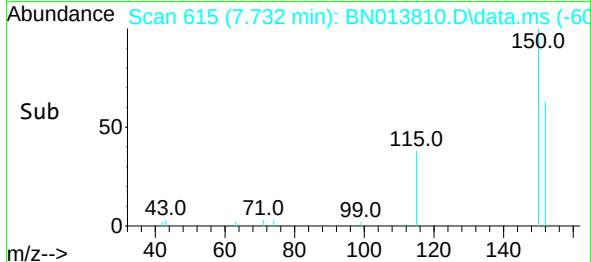
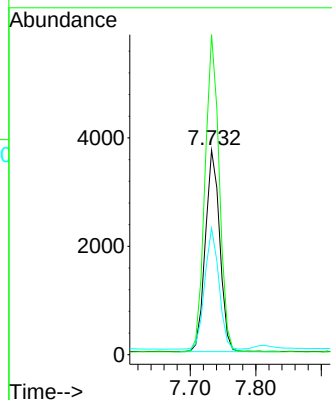
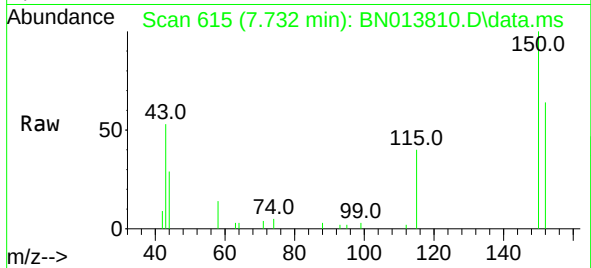




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.732 min Scan# 615
Delta R.T. -0.009 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

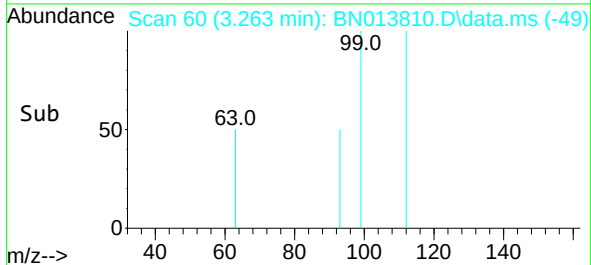
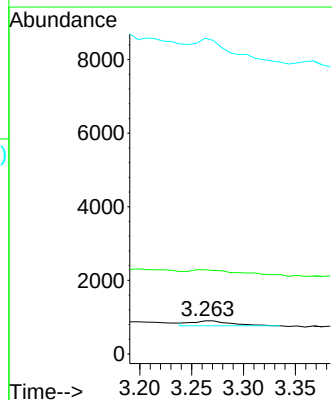
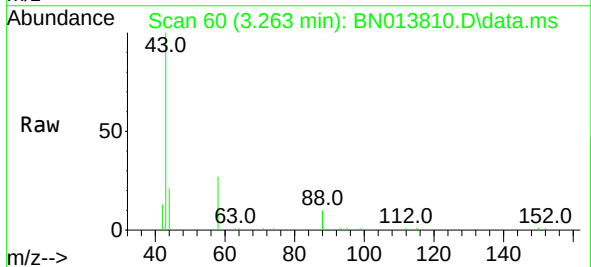
Instrument :
BNA_N
ClientSampleId :
EB-01-030121

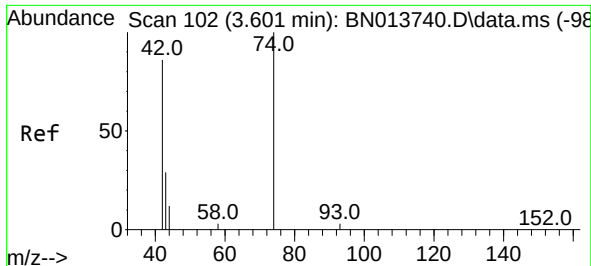
Tgt Ion: 152 Resp: 5669
Ion Ratio Lower Upper
152 100
150 156.5 121.8 182.8
115 61.9 46.6 69.8



#2
1,4-Dioxane
Concen: 0.05 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion: 88 Resp: 340
Ion Ratio Lower Upper
88 100
58 104.7 64.6 96.8#
43 431.8 26.6 40.0#

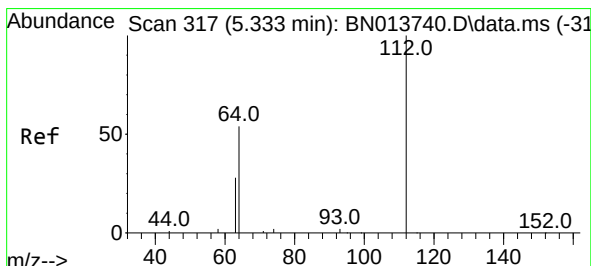
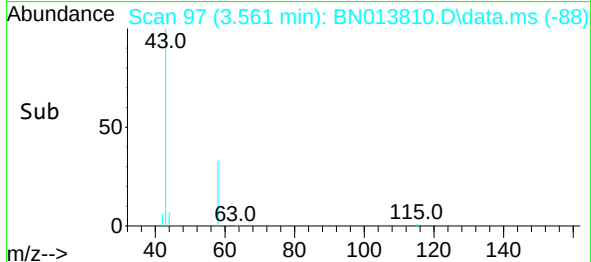
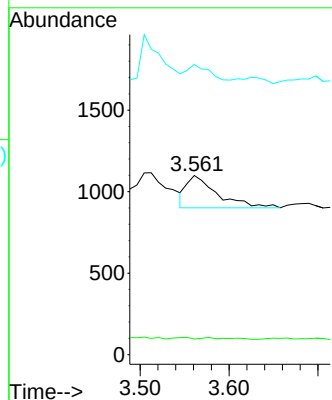
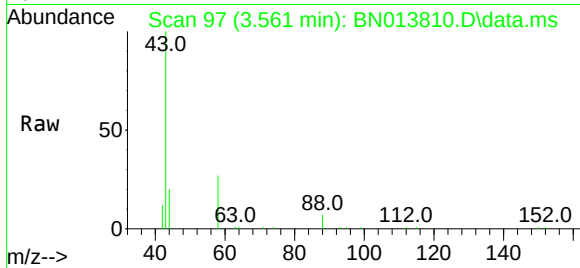




#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.561 min Scan# 97
Delta R.T. -0.024 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

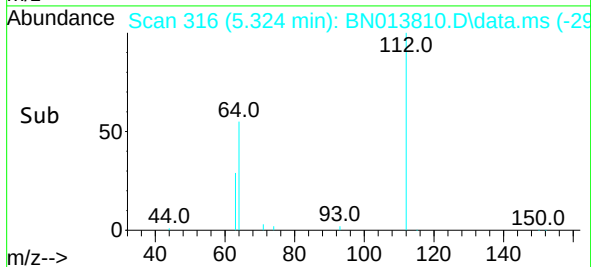
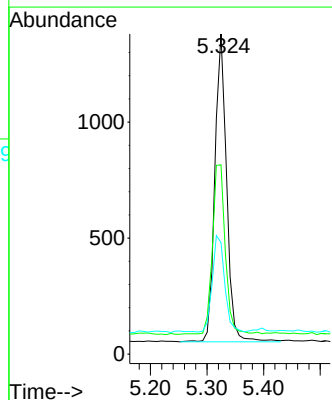
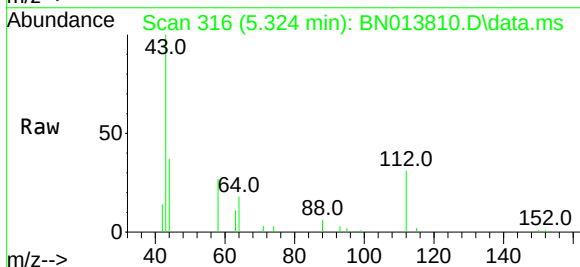
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BNA_N
ClientSampleId :
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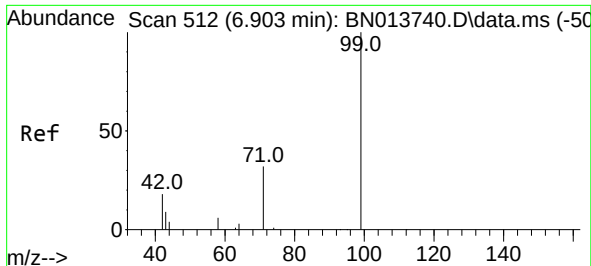
Tgt Ion: 42 Resp: 476
Ion Ratio Lower Upper
42 100
74 2.5 95.0 142.6#
44 35.5 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion: 112 Resp: 1912
Ion Ratio Lower Upper
112 100
64 60.3 44.3 66.5
63 32.8 23.0 34.6

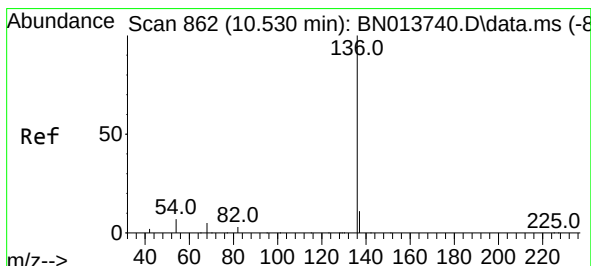
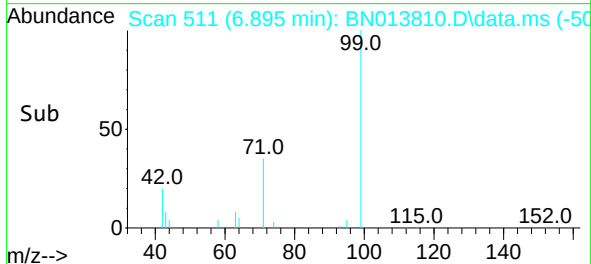
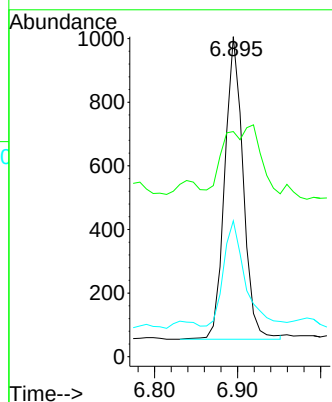
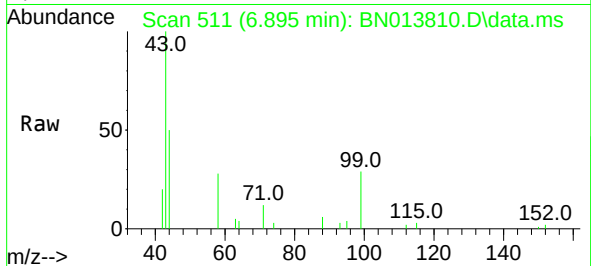




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

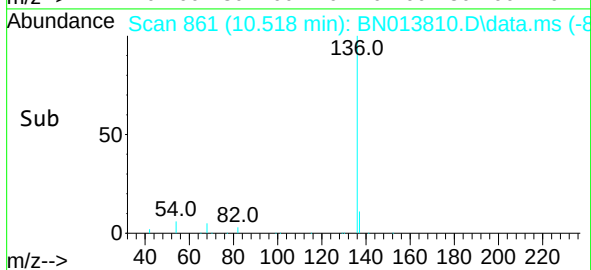
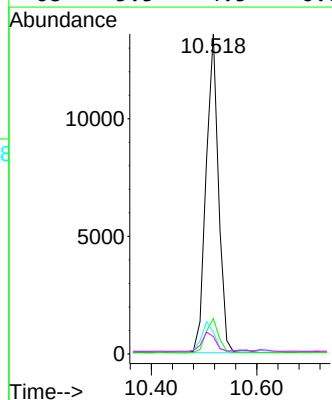
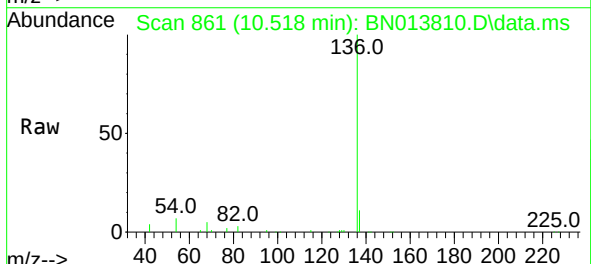
Instrument :
BNA_N
ClientSampleId :
EB-01-030121

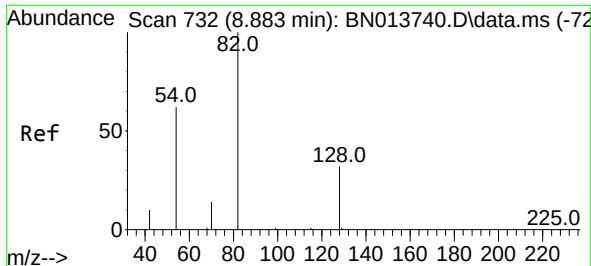
Tgt Ion: 99 Resp: 1467
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 44.0 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion: 136 Resp: 22187
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 6.8 6.4 9.6
68 5.5 4.5 6.7

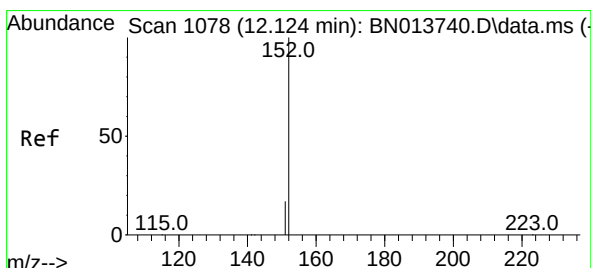
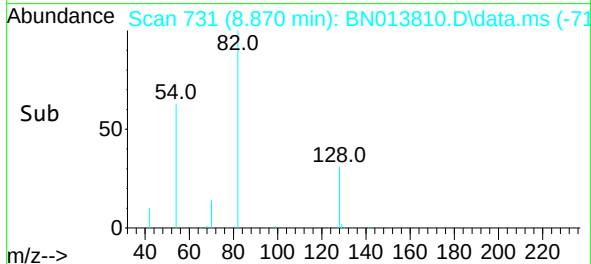
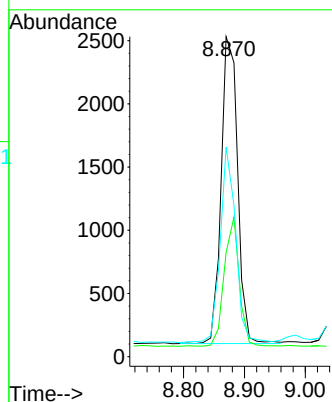
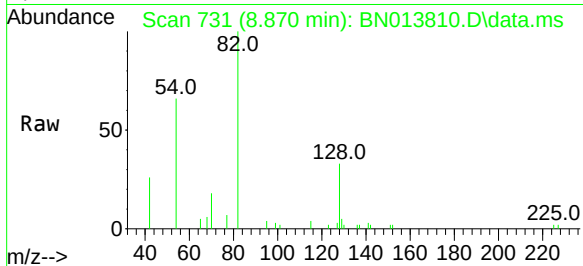




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.013 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

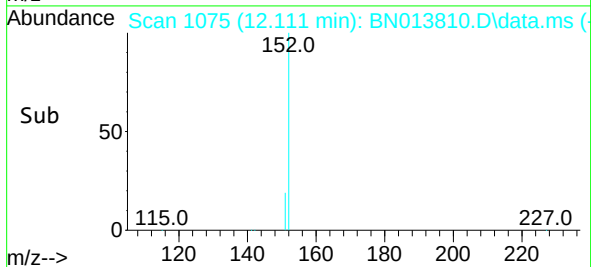
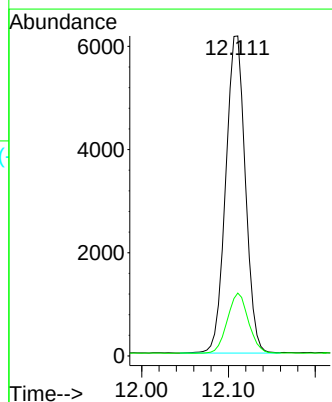
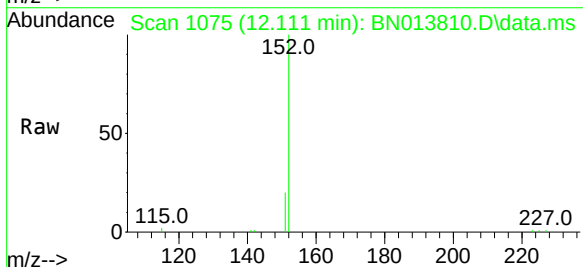
Instrument :
BNA_N
ClientSampleId :
EB-01-030121

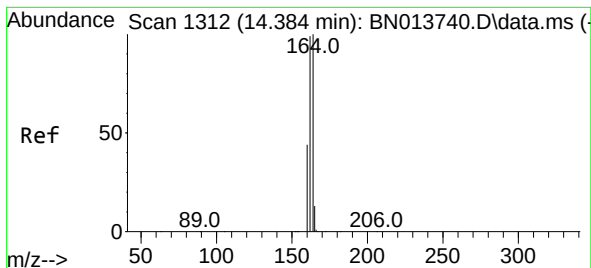
Tgt Ion: 82 Resp: 4551
Ion Ratio Lower Upper
82 100
128 32.5 39.2 58.8#
54 65.5 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion: 152 Resp: 9635
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

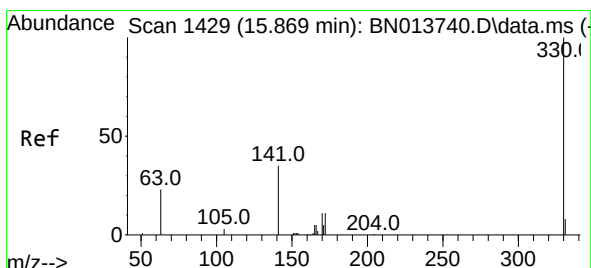
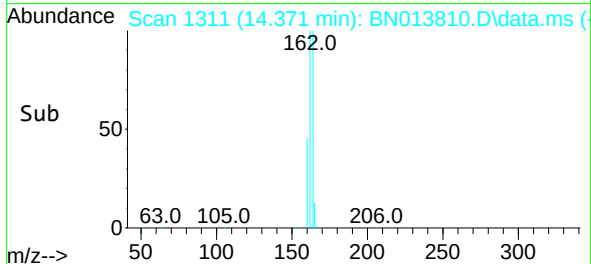
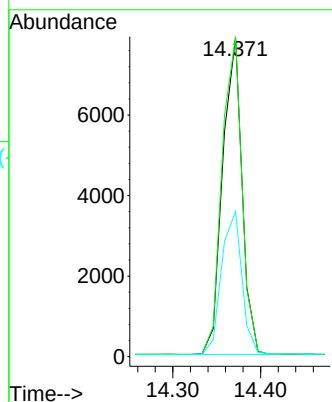
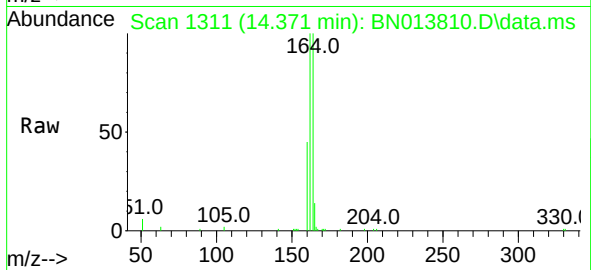




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

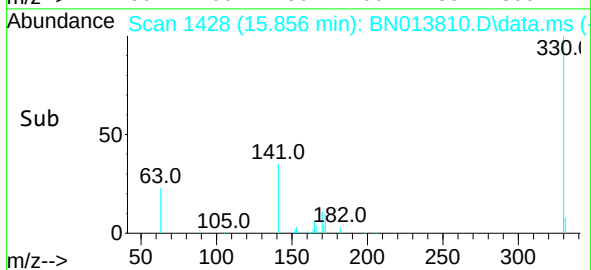
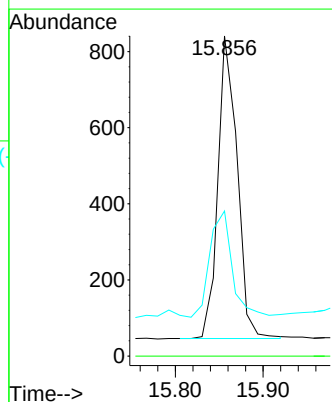
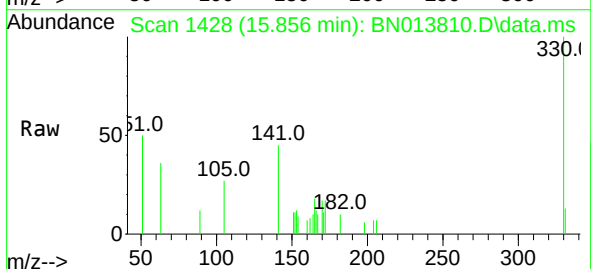
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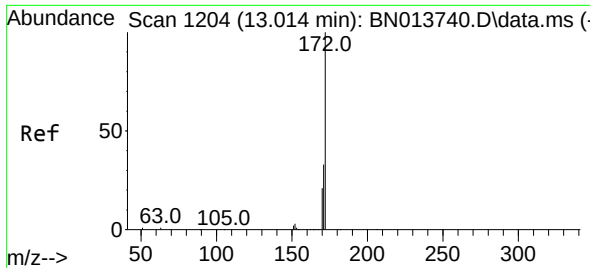
Tgt Ion:164 Resp: 12048
Ion Ratio Lower Upper
164 100
162 100.1 79.6 119.4
160 45.4 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion:330 Resp: 1211
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.7 26.8 40.2#

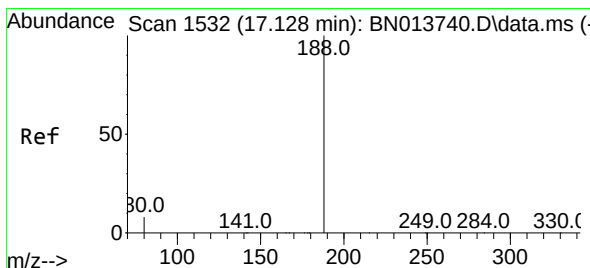
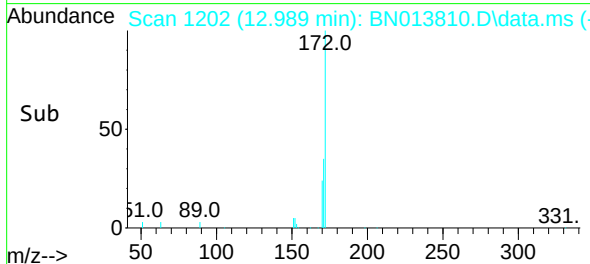
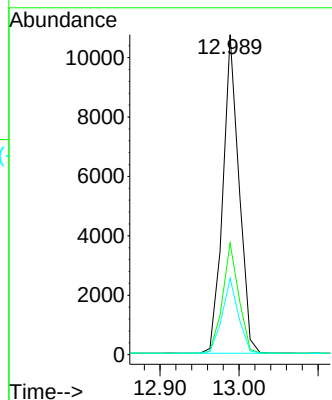
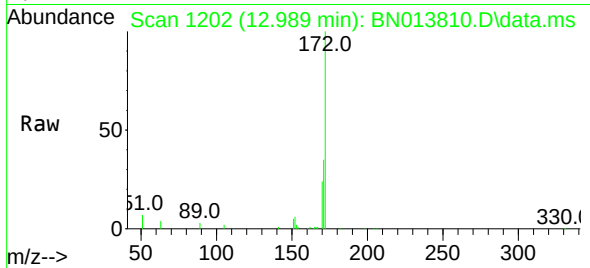




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

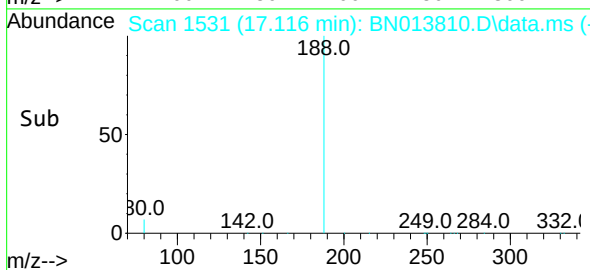
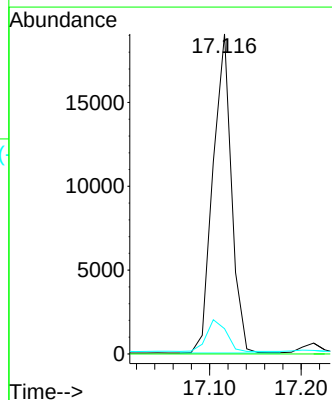
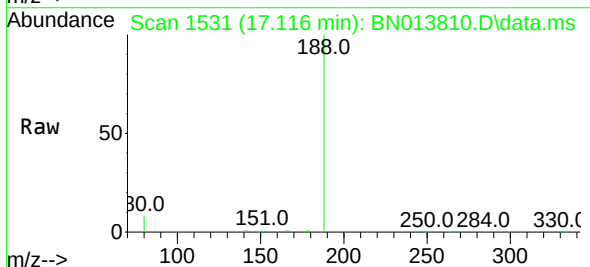
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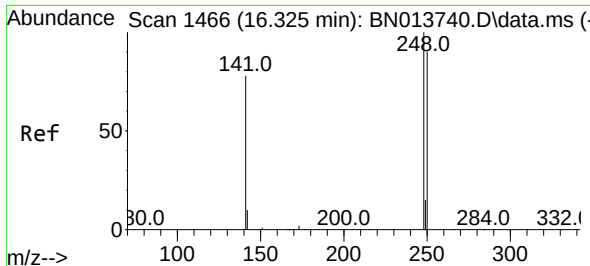
Tgt Ion:172	Resp:	15226
Ion Ratio	Lower	Upper
172	100	
171	34.9	28.6 42.8
170	23.9	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion:188	Resp:	26745
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.9	9.0 13.6#

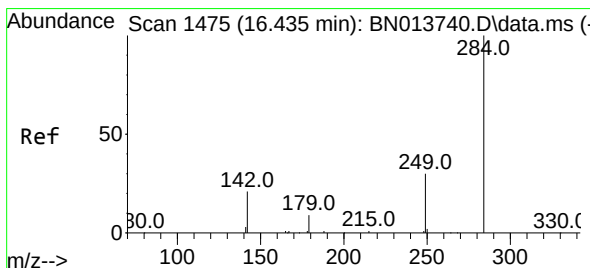
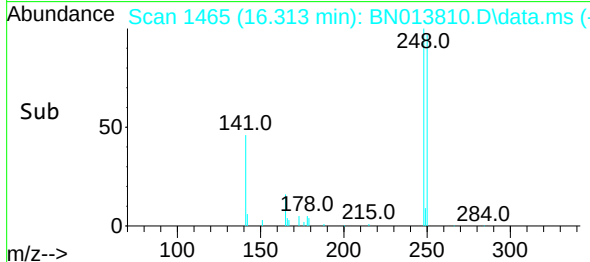
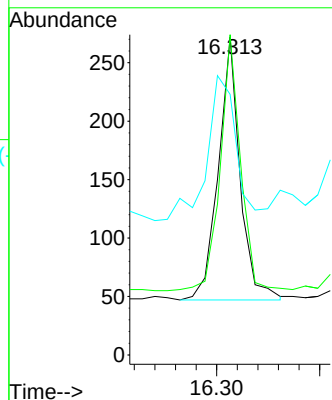
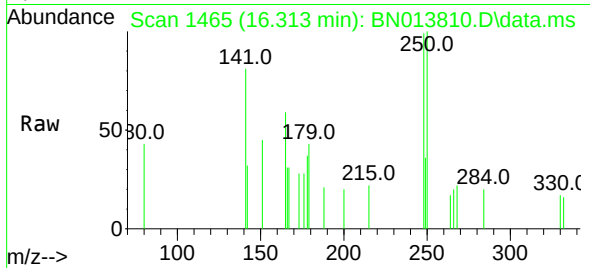




#21
4-Bromophenyl-phenylether
Concen: 0.02 ng
RT: 16.313 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

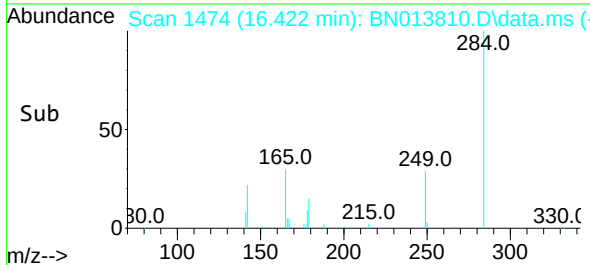
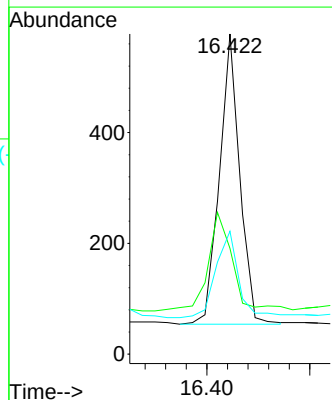
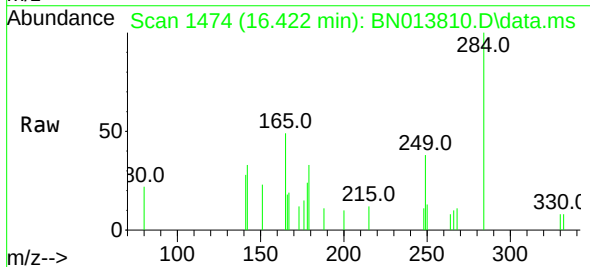
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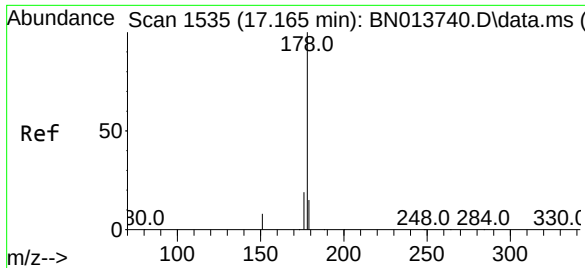
Tgt Ion:248 Resp: 329
Ion Ratio Lower Upper
248 100
250 100.7 75.5 113.3
141 82.0 53.8 80.8#



#22
Hexachlorobenzene
Concen: 0.05 ng
RT: 16.422 min Scan# 1474
Delta R.T. -0.012 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion:284 Resp: 718
Ion Ratio Lower Upper
284 100
142 40.5 27.9 41.9
249 33.3 24.2 36.2

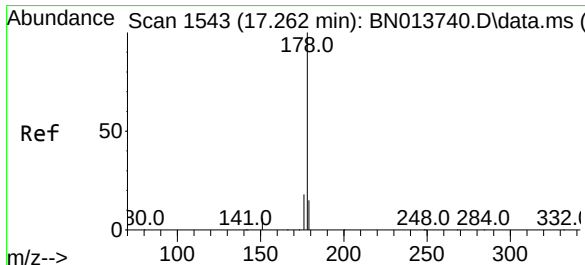
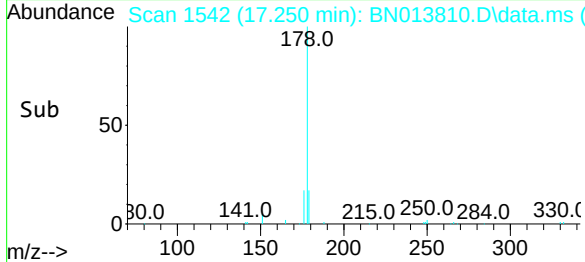
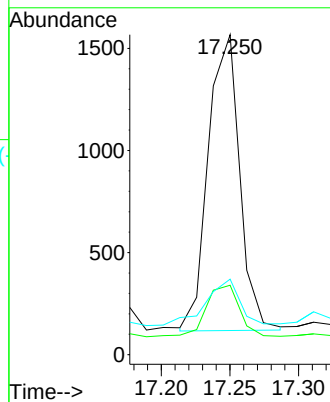
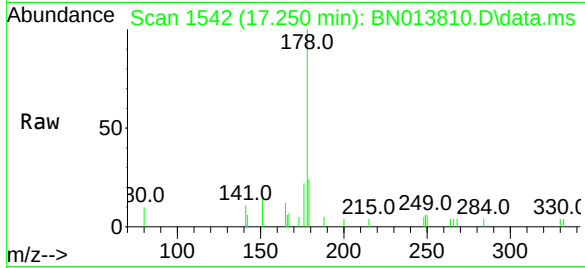




#25
Phenanthrene
Concen: 0.03 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.086 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

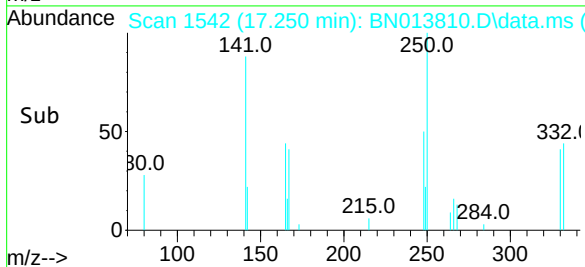
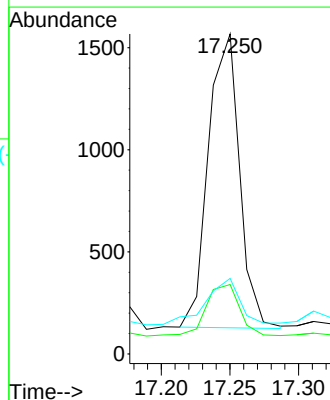
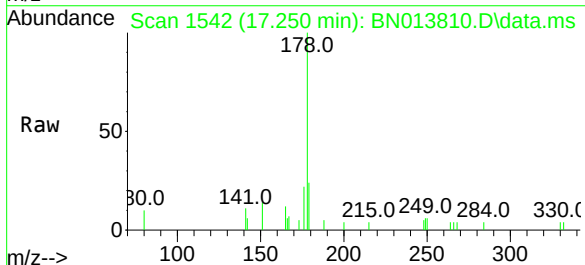
Instrument :
BNA_N
ClientSampleId :
EB-01-030121

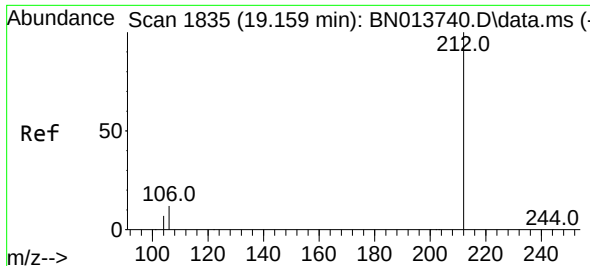
Tgt Ion:178	Resp:	2307
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.0 22.4
179	16.9	12.3 18.5



#26
Anthracene
Concen: 0.03 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion:178	Resp:	2264
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.6 21.8
179	17.2	12.2 18.2

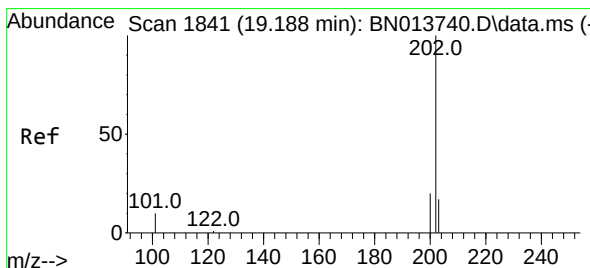
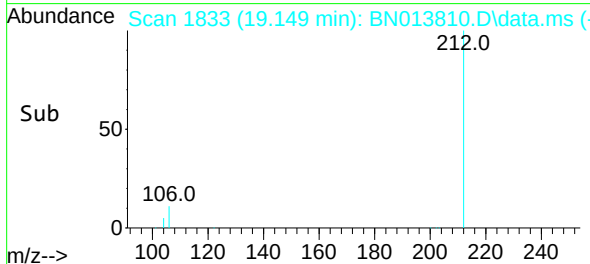
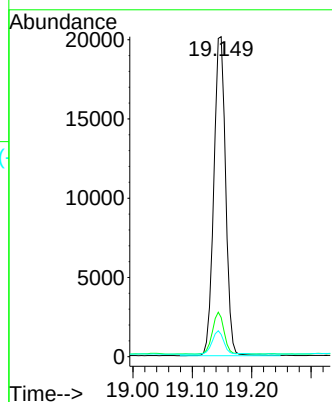
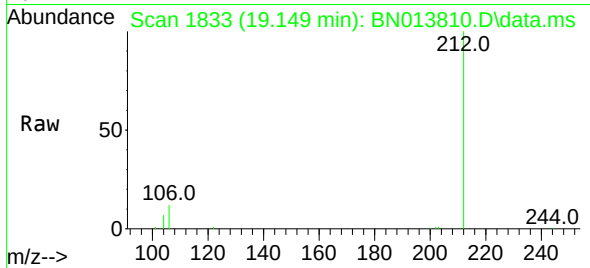




#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

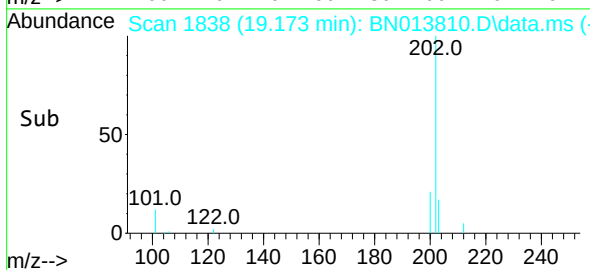
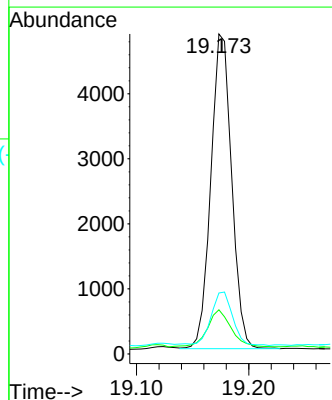
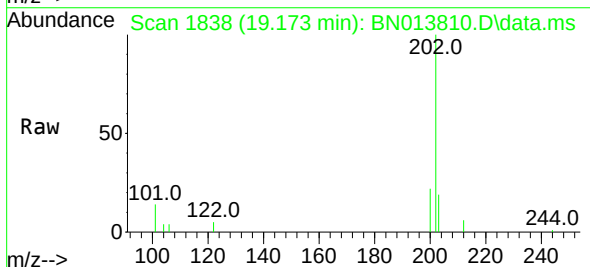
Instrument :
BNA_N
ClientSampleId :
EB-01-030121

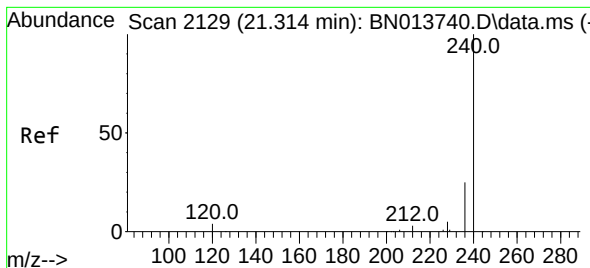
Tgt Ion:212 Resp: 27634
Ion Ratio Lower Upper
212 100
106 13.0 9.7 14.5
104 7.3 5.5 8.3



#28
Fluoranthene
Concen: 0.07 ng
RT: 19.173 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion:202 Resp: 6238
Ion Ratio Lower Upper
202 100
101 13.0 8.1 12.1#
203 17.9 13.9 20.9





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.292 min Scan# 2127

Delta R.T. -0.008 min

Lab File: BN013810.D

Acq: 02 Mar 2021 15:50

Tgt Ion:240 Resp: 26807

Ion Ratio Lower Upper

240 100

120 13.0 10.2 15.4

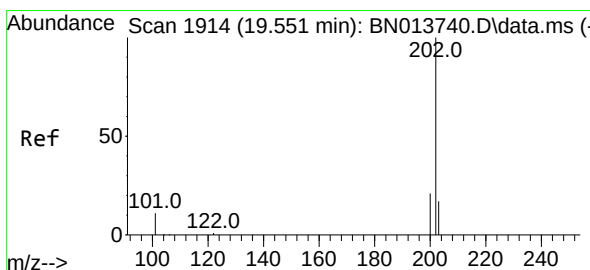
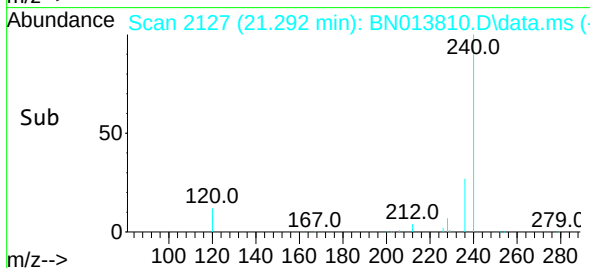
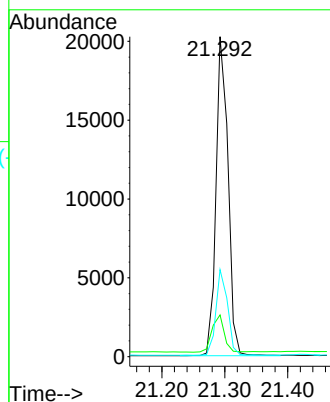
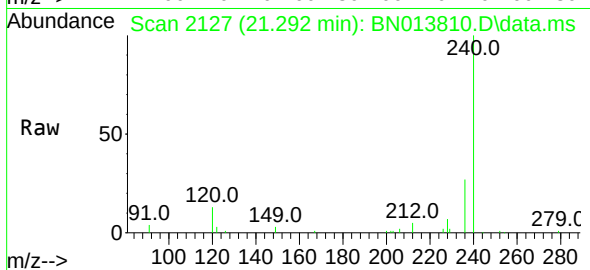
236 27.2 21.3 31.9

Instrument :

BNA_N

ClientSampleId :

EB-01-030121



#30

Pyrene

Concen: 0.07 ng

RT: 19.536 min Scan# 1911

Delta R.T. -0.012 min

Lab File: BN013810.D

Acq: 02 Mar 2021 15:50

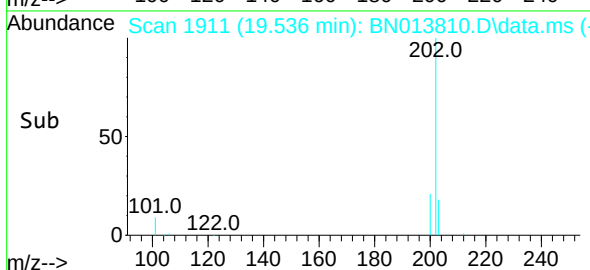
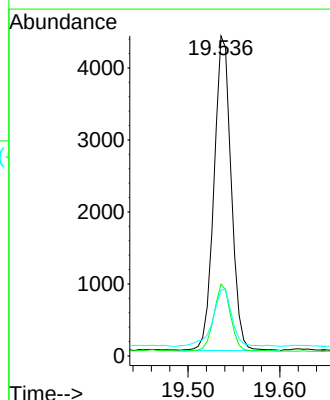
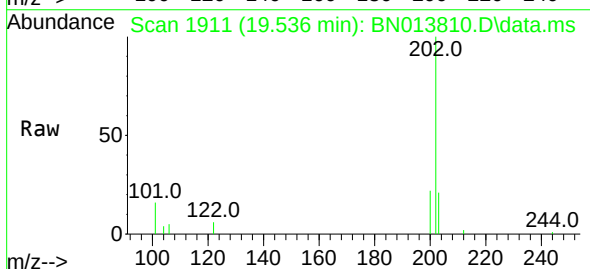
Tgt Ion:202 Resp: 5683

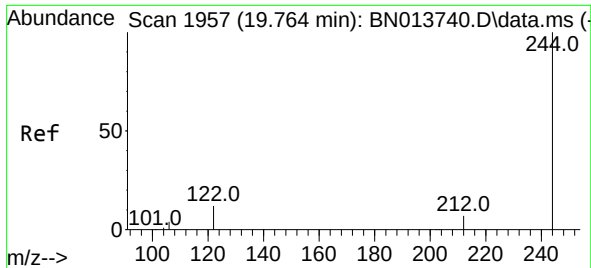
Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

203 20.4 14.0 21.0

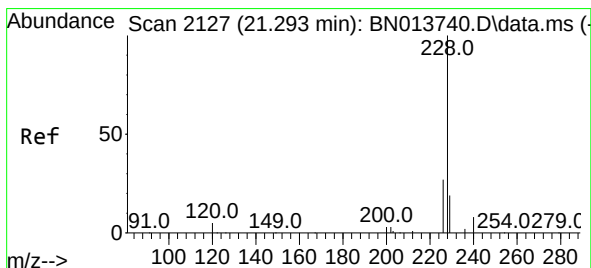
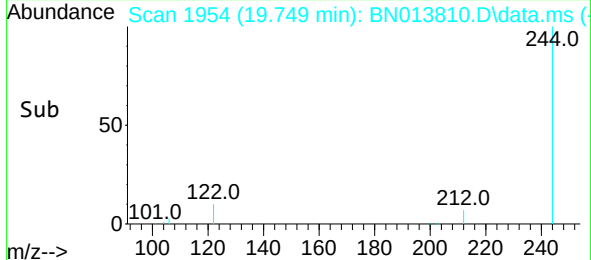
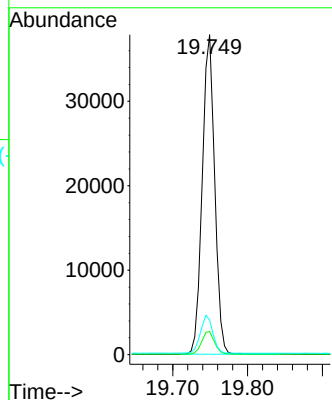
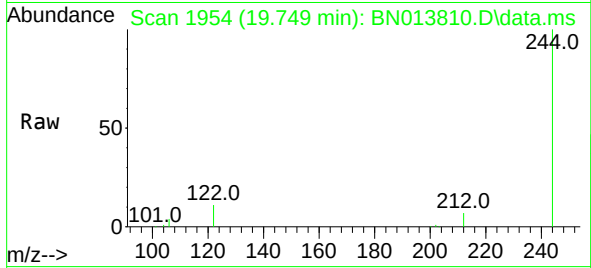




#31
 Terphenyl-d14
 Concen: 0.74 ng
 RT: 19.749 min Scan# 1954
 Delta R.T. -0.012 min
 Lab File: BN013810.D
 Acq: 02 Mar 2021 15:50

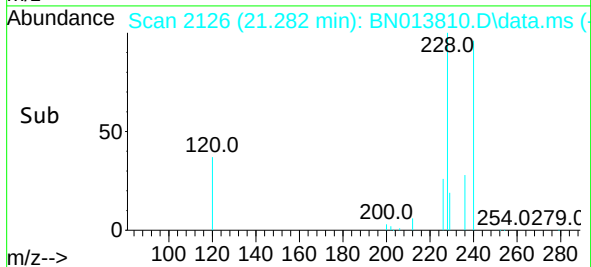
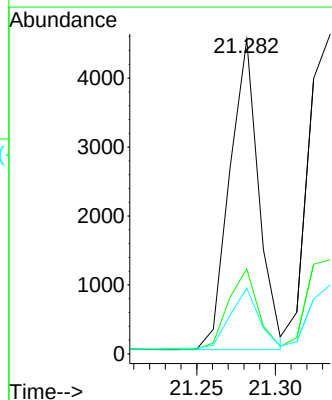
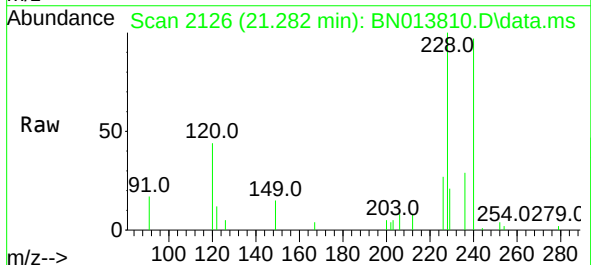
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-030121

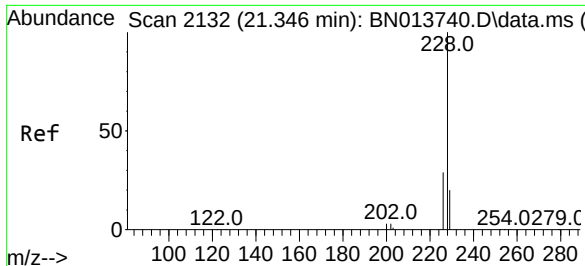
Tgt Ion:244 Resp: 43581
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.8 9.8 14.8



#32
 Benzo(a)anthracene
 Concen: 0.07 ng
 RT: 21.282 min Scan# 2126
 Delta R.T. -0.008 min
 Lab File: BN013810.D
 Acq: 02 Mar 2021 15:50

Tgt Ion:228 Resp: 5784
 Ion Ratio Lower Upper
 228 100
 226 27.0 20.5 30.7
 229 20.9 16.2 24.4

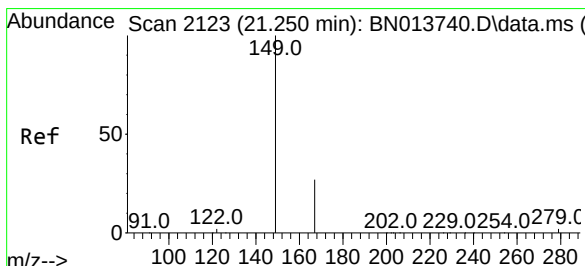
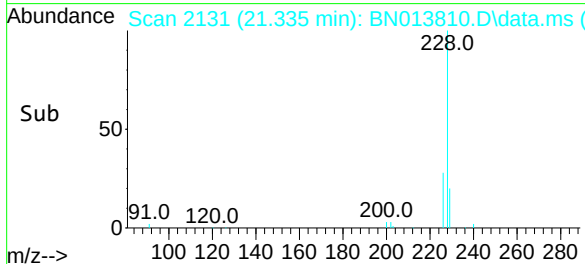
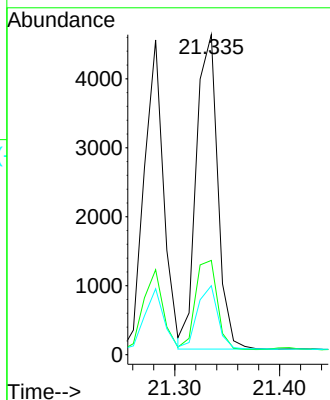
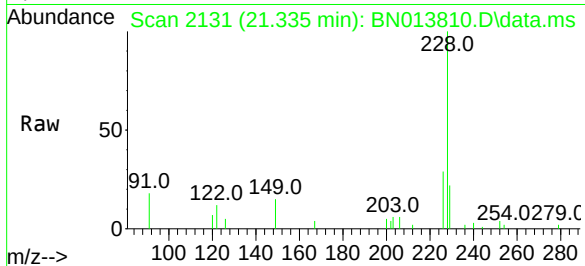




#33
Chrysene
Concen: 0.08 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

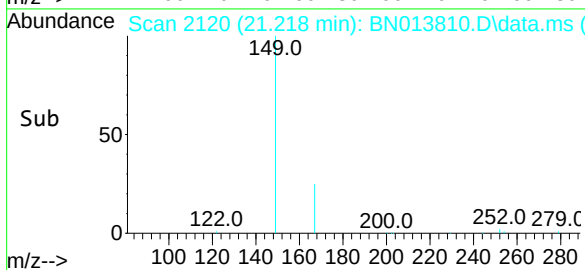
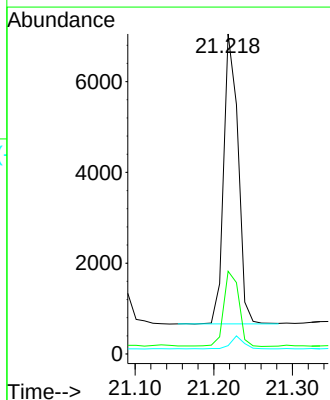
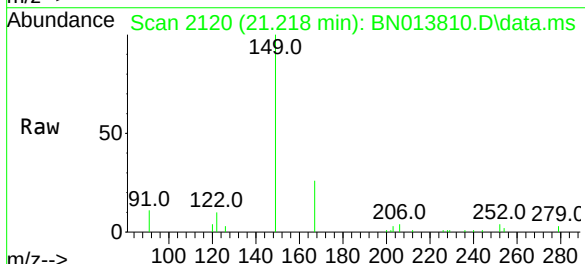
Instrument :
BNA_N
ClientSampleId :
EB-01-030121

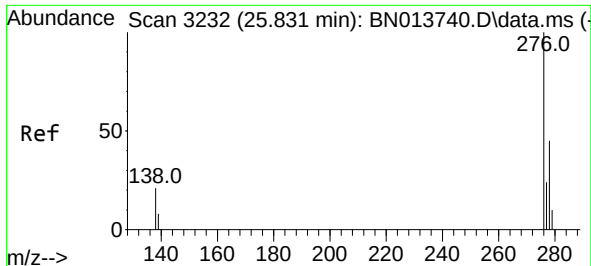
Tgt Ion:	228	Resp:	6442
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.3	36.5
229	21.6	15.1	22.7



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.218 min Scan# 2120
Delta R.T. -0.019 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion:	149	Resp:	8098
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.1	33.1
279	4.0	3.5	5.3

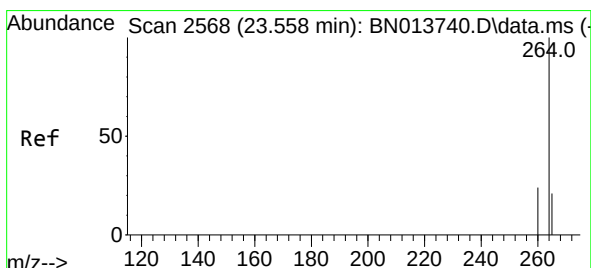
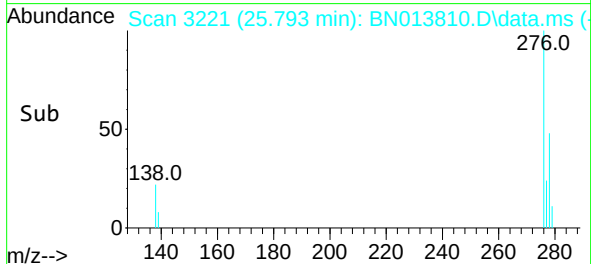
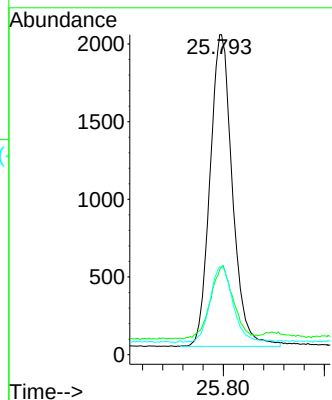
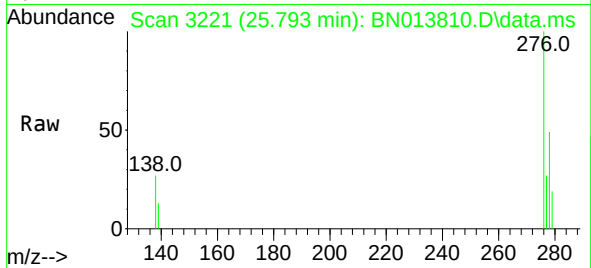




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 25.793 min Scan# 3221
Delta R.T. -0.025 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

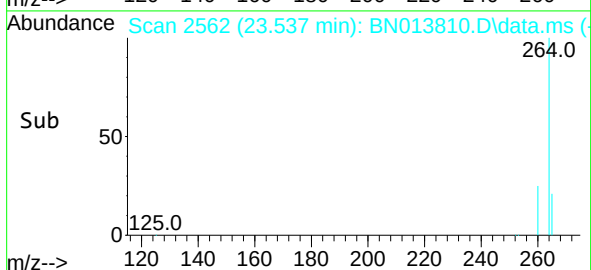
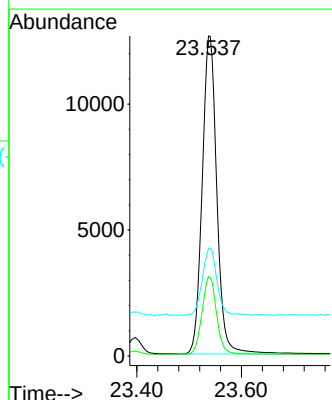
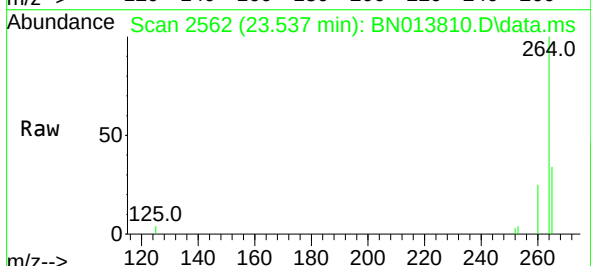
Instrument :
BNA_N
ClientSampleId :
EB-01-030121

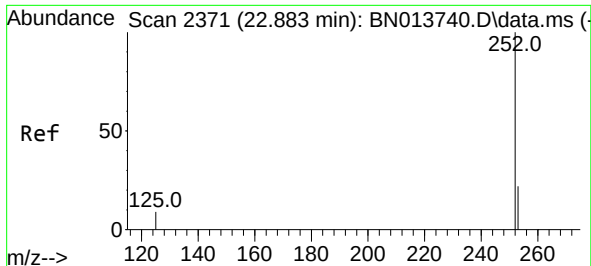
Tgt Ion:276 Resp: 6173
Ion Ratio Lower Upper
276 100
138 23.9 19.8 29.6
277 24.9 19.9 29.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.537 min Scan# 2562
Delta R.T. -0.014 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion:264 Resp: 24523
Ion Ratio Lower Upper
264 100
260 24.8 19.3 28.9
265 33.5 66.2 99.4#

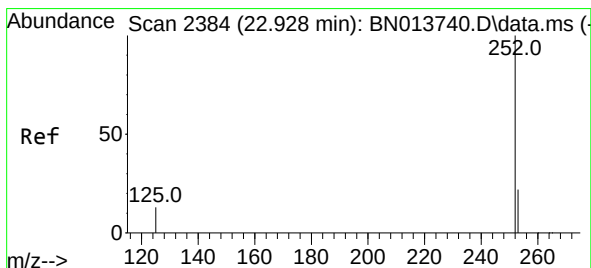
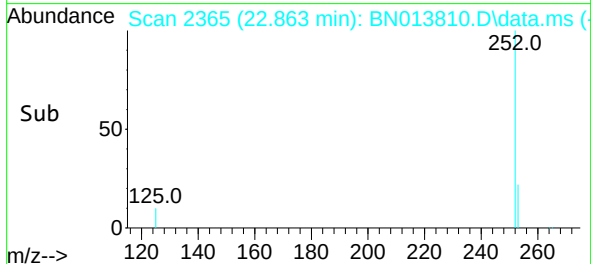
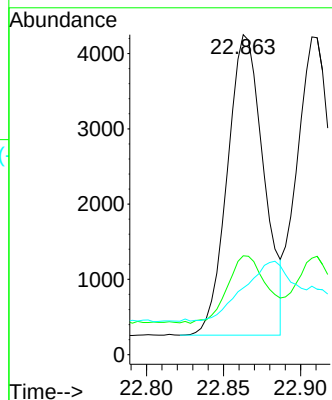
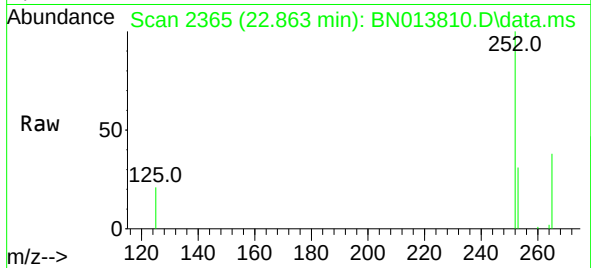




#37
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 22.863 min Scan# 2365
Delta R.T. -0.014 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

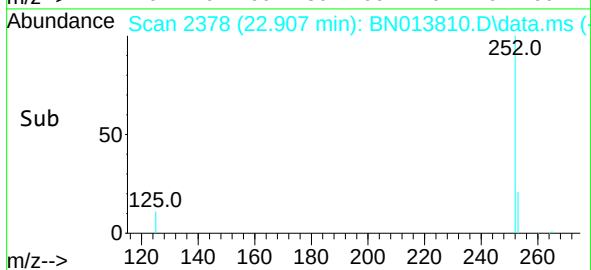
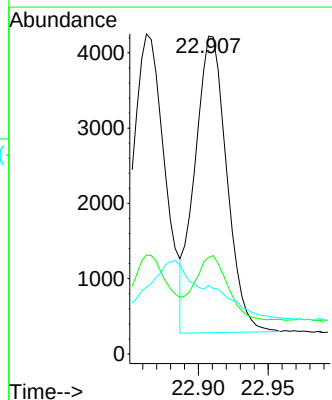
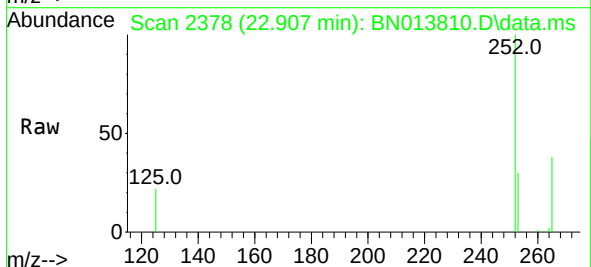
Instrument :
BNA_N
ClientSampleId :
EB-01-030121

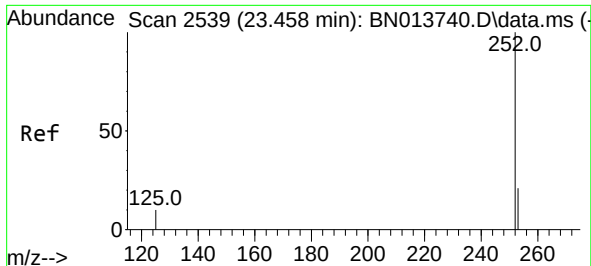
Tgt Ion:252 Resp: 6552
Ion Ratio Lower Upper
252 100
253 30.9 20.4 30.6#
125 20.8 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.08 ng
RT: 22.907 min Scan# 2378
Delta R.T. -0.014 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion:252 Resp: 6280
Ion Ratio Lower Upper
252 100
253 30.3 20.5 30.7
125 21.6 12.3 18.5#

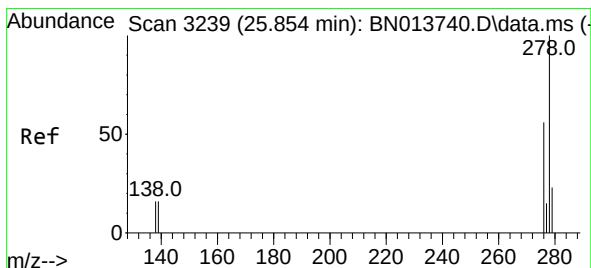
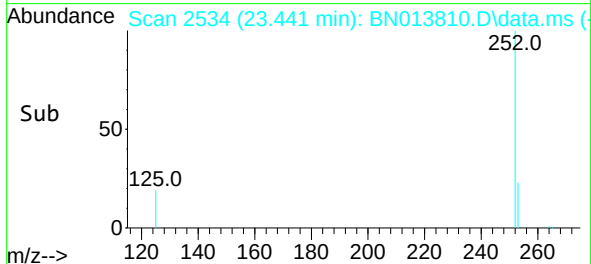
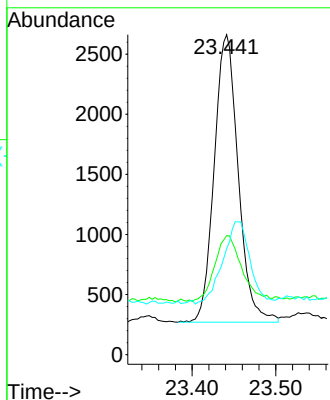
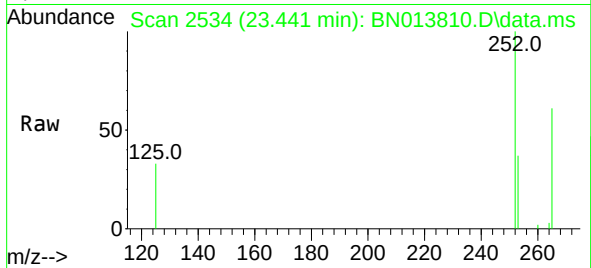




#39
Benzo(a)pyrene
Concen: 0.07 ng
RT: 23.441 min Scan# 2534
Delta R.T. -0.014 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

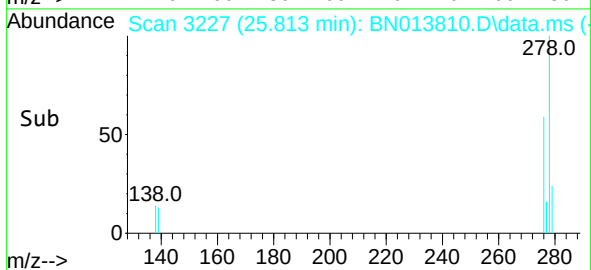
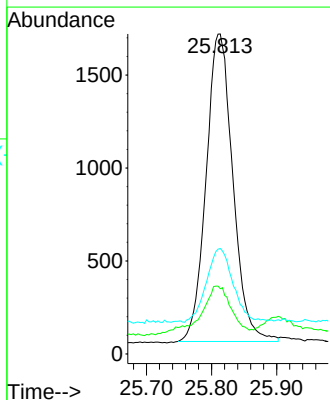
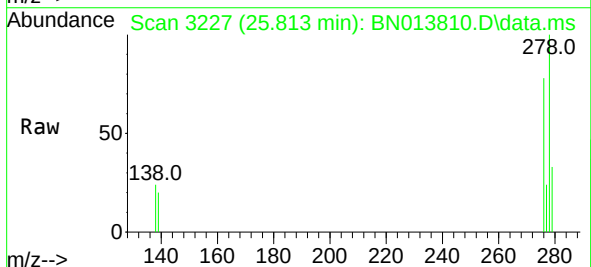
Instrument :
BNA_N
ClientSampleId :
EB-01-030121

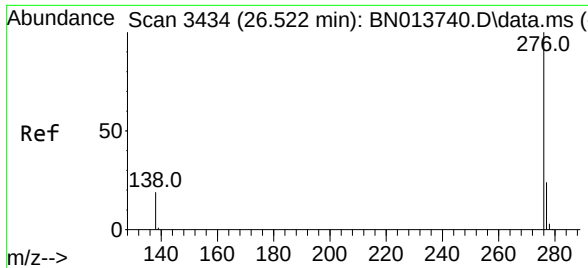
Tgt Ion:252	Resp:	4759
Ion Ratio	Lower	Upper
252	100	
253	37.2	21.8 32.6#
125	33.2	14.6 21.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 25.813 min Scan# 3227
Delta R.T. -0.025 min
Lab File: BN013810.D
Acq: 02 Mar 2021 15:50

Tgt Ion:278	Resp:	4724
Ion Ratio	Lower	Upper
278	100	
139	20.4	13.1 19.7#
279	32.9	21.4 32.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.07 ng
 RT: 26.484 min Scan# 3423
 Delta R.T. -0.025 min
 Lab File: BN013810.D
 Acq: 02 Mar 2021 15:50

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-030121

Tgt Ion:	276	Resp:	5017
Ion	Ratio	Lower	Upper
276	100		
277	28.6	20.0	30.0
138	26.4	17.8	26.8

