

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
 Data File : BN013804.D
 Acq On : 02 Mar 2021 10:28
 Operator : CG/JU
 Sample : PB134814BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB134867BL

Quant Time: Mar 02 11:01:23 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)

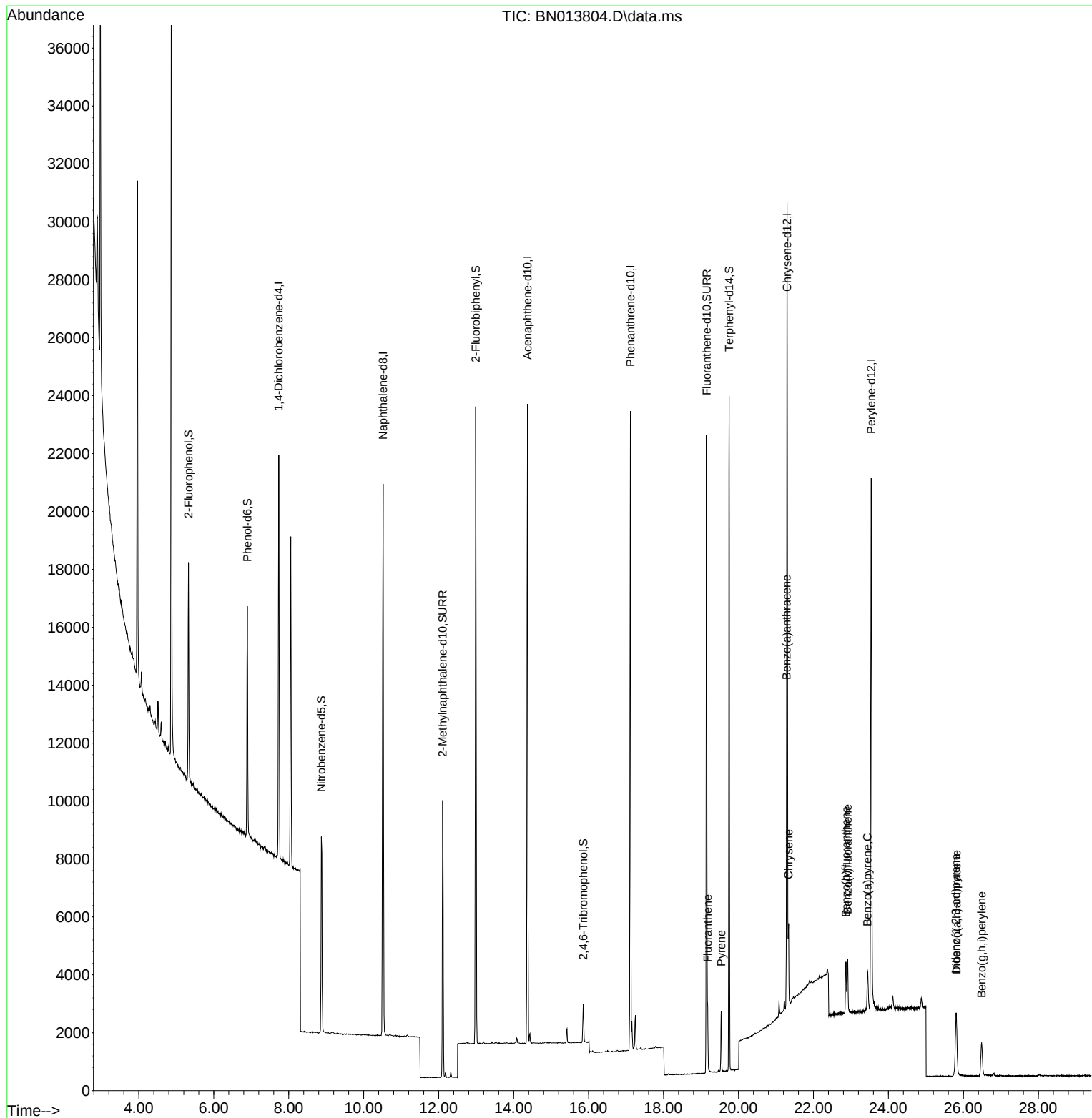
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	6539	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	24801	0.40	ng	-0.01
13) Acenaphthene-d10	14.372	164	13021	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	27911	0.40	ng	#-0.01
29) Chrysene-d12	21.292	240	25870	0.40	ng	0.00
36) Perylene-d12	23.541	264	24472	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	5509	0.31	ng	0.00
5) Phenol-d6	6.895	99	6951	0.30	ng	0.00
8) Nitrobenzene-d5	8.870	82	5827	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	12810	0.32	ng	-0.01
14) 2,4,6-Tribromophenol	15.856	330	1015	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	18105	0.39	ng	-0.01
27) Fluoranthene-d10	19.149	212	24808	0.30	ng	0.00
31) Terphenyl-d14	19.749	244	22397	0.39	ng	-0.01
Target Compounds						
28) Fluoranthene	19.178	202	1895	0.02	ng	Qvalue 96
30) Pyrene	19.541	202	1881	0.02	ng	98
32) Benzo(a)anthracene	21.282	228	1989	0.02	ng	95
33) Chrysene	21.335	228	2320	0.03	ng	97
35) Indeno(1,2,3-cd)pyrene	25.800	276	2601	0.03	ng	97
37) Benzo(b)fluoranthene	22.866	252	2269	0.03	ng	# 67
38) Benzo(k)fluoranthene	22.911	252	2304	0.03	ng	# 67
39) Benzo(a)pyrene	23.441	252	1984	0.03	ng	# 54
40) Dibenzo(a,h)anthracene	25.817	278	2219	0.03	ng	# 75
41) Benzo(g,h,i)perylene	26.488	276	2467	0.03	ng	# 88

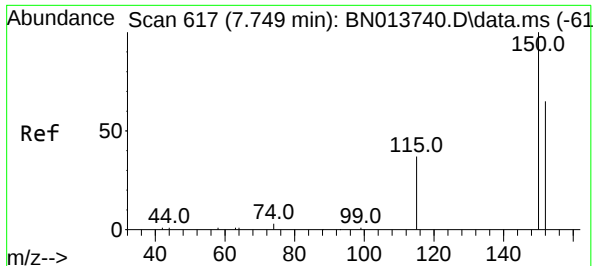
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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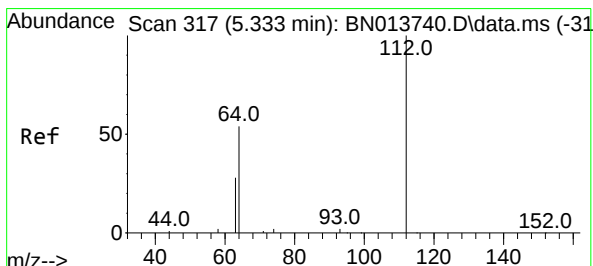
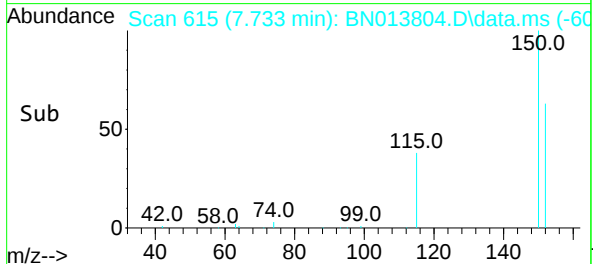
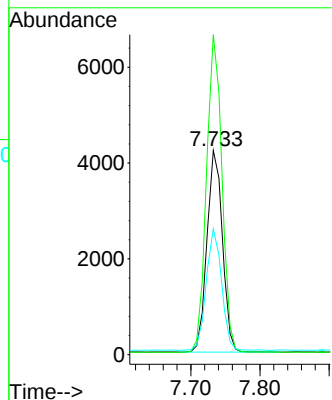
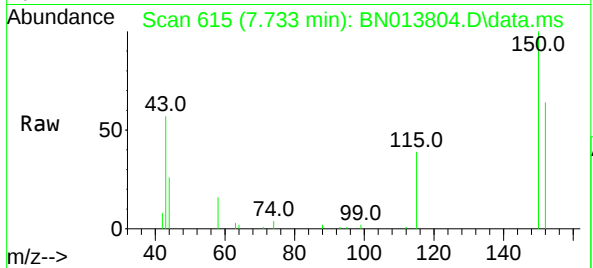




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.733 min Scan# 615
Delta R.T. -0.008 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

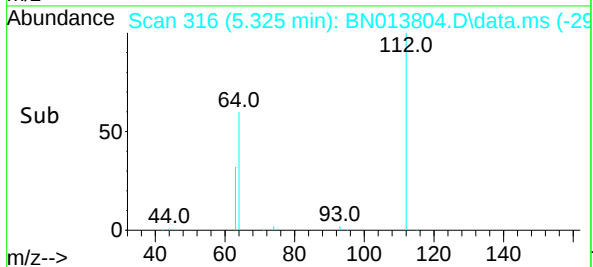
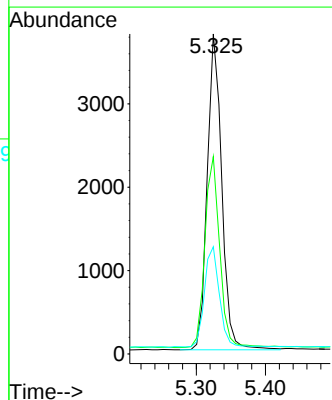
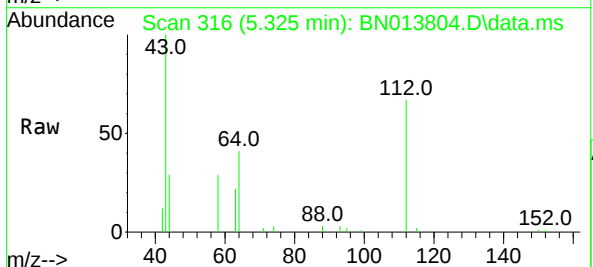
Instrument :
BNA_N
ClientSampleId :
PB134867BL

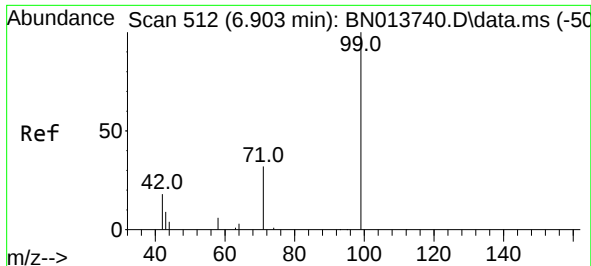
Tgt Ion:152 Resp: 6539
Ion Ratio Lower Upper
152 100
150 156.8 121.8 182.8
115 61.6 46.6 69.8



#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.325 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Tgt Ion:112 Resp: 5509
Ion Ratio Lower Upper
112 100
64 62.3 44.3 66.5
63 33.7 23.0 34.6

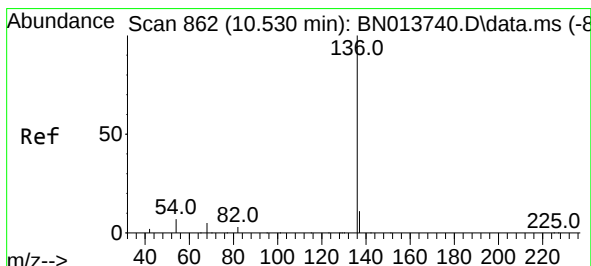
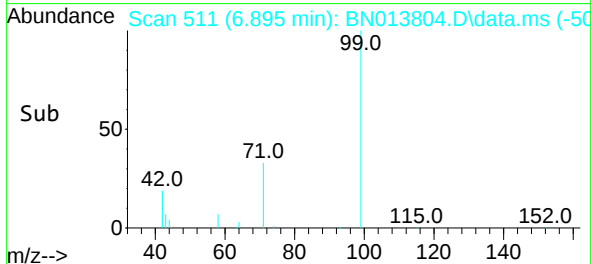
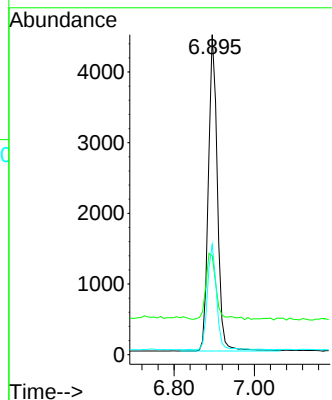
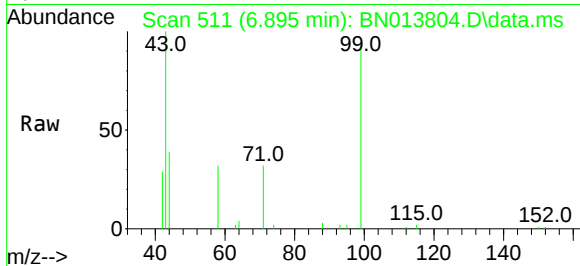




#5
Phenol-d6
Concen: 0.30 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

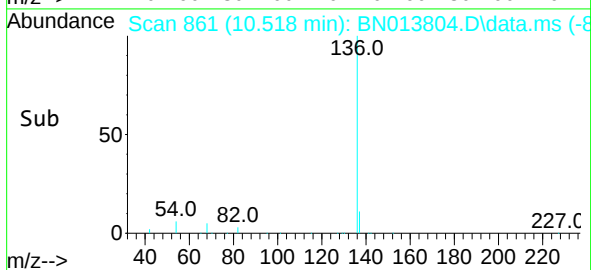
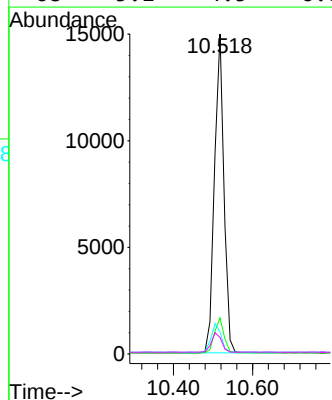
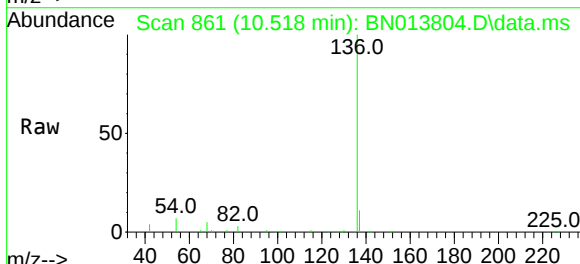
Instrument :
BNA_N
ClientSampleId :
PB134867BL

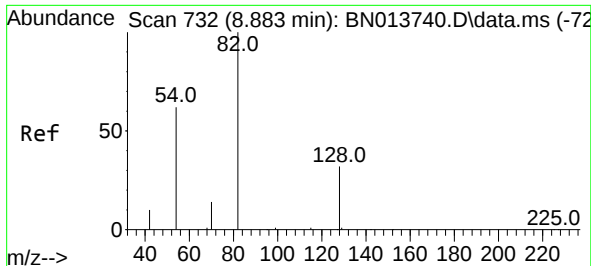
Tgt Ion: 99 Resp: 6951
Ion Ratio Lower Upper
99 100
42 24.1 15.2 22.8#
71 33.4 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Tgt Ion: 136 Resp: 24801
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 6.8 6.4 9.6
68 5.1 4.5 6.7

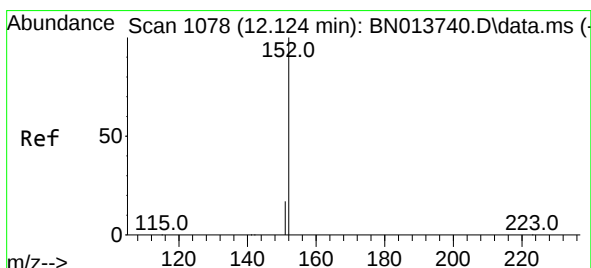
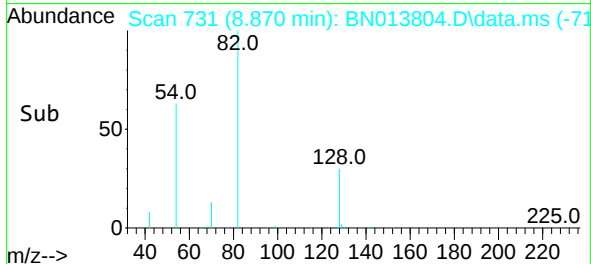
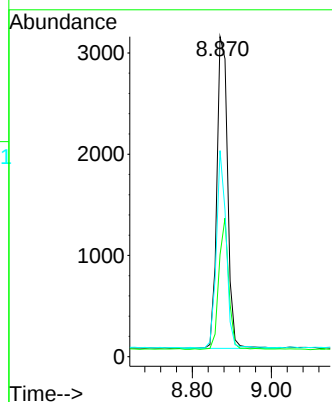
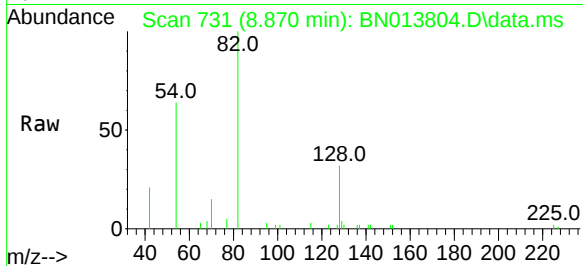




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.013 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

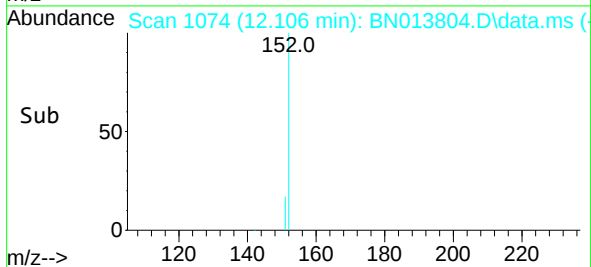
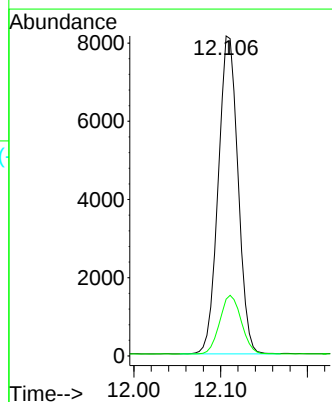
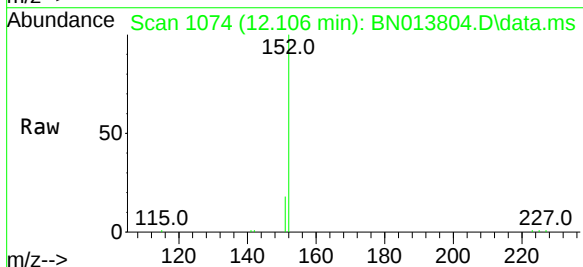
Instrument :
BNA_N
ClientSampleId :
PB134867BL

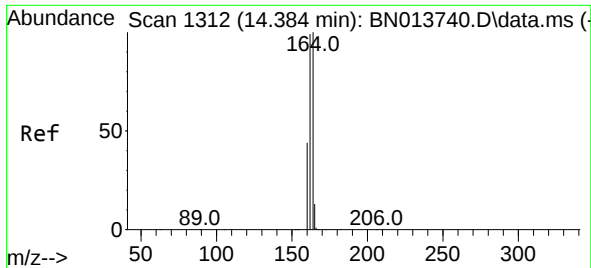
Tgt Ion: 82 Resp: 5827
Ion Ratio Lower Upper
82 100
128 31.9 39.2 58.8#
54 64.4 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.106 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Tgt Ion: 152 Resp: 12810
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

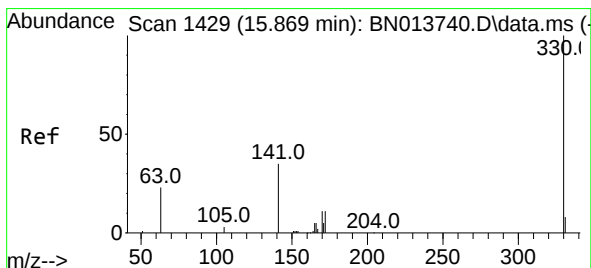
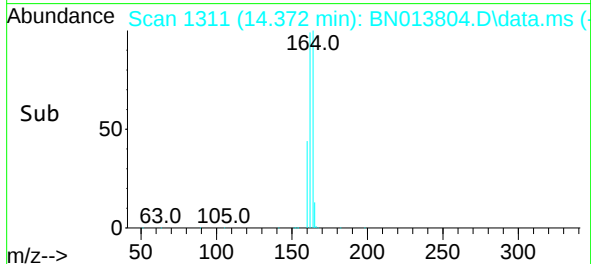
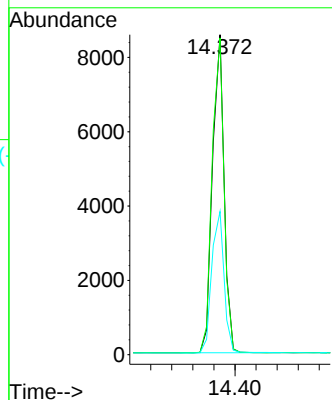
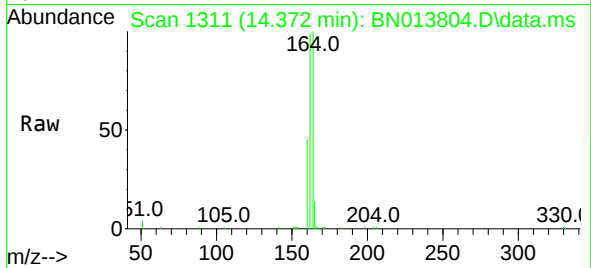




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

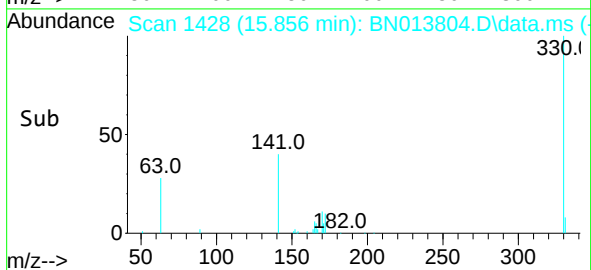
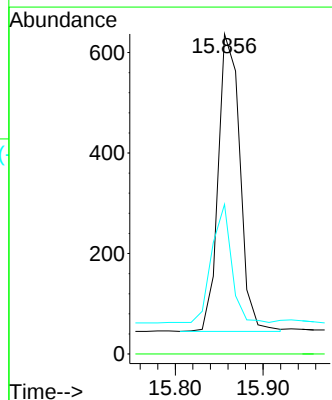
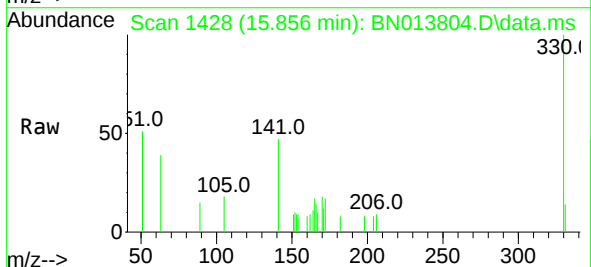
Instrument :
BNA_N
ClientSampleId :
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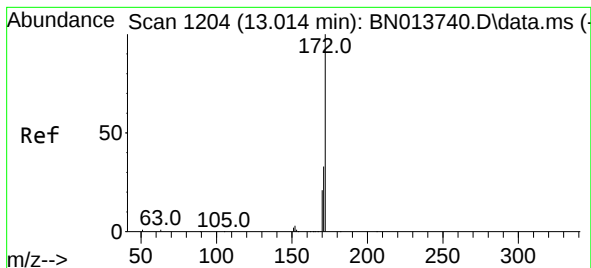
Tgt Ion:164 Resp: 13021
Ion Ratio Lower Upper
164 100
162 99.0 79.6 119.4
160 44.8 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Tgt Ion:330 Resp: 1015
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.9 26.8 40.2

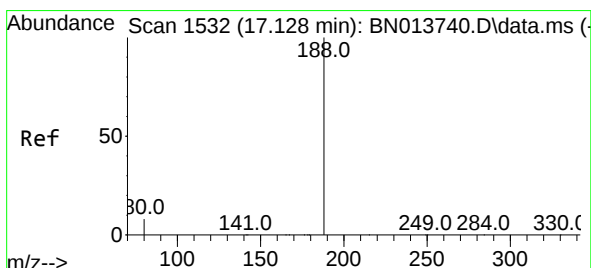
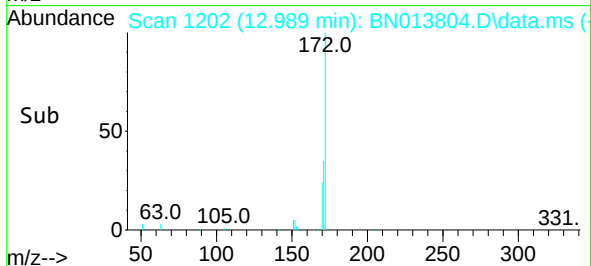
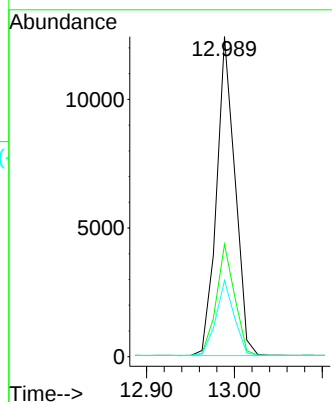
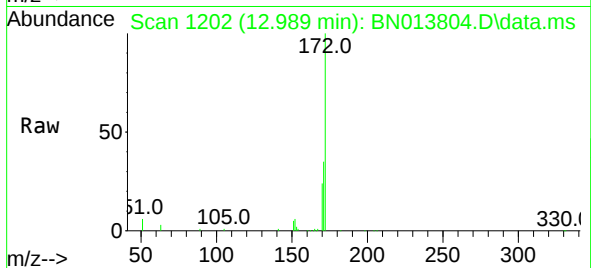




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

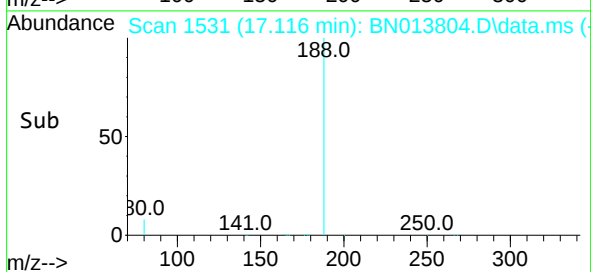
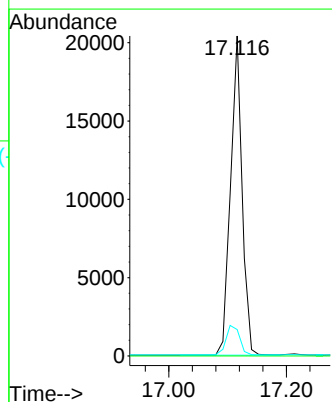
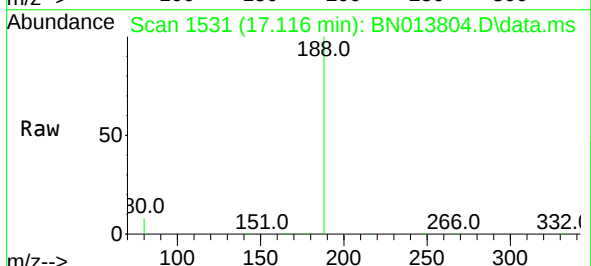
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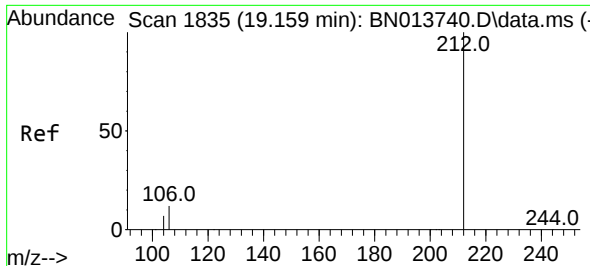
Tgt Ion:	172	Resp:	18105
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.6	42.8
170	23.9	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Tgt Ion:	188	Resp:	27911
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.2	9.0	13.6

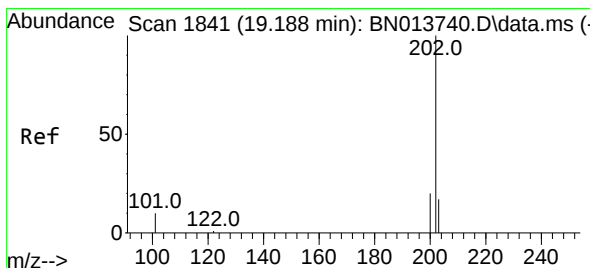
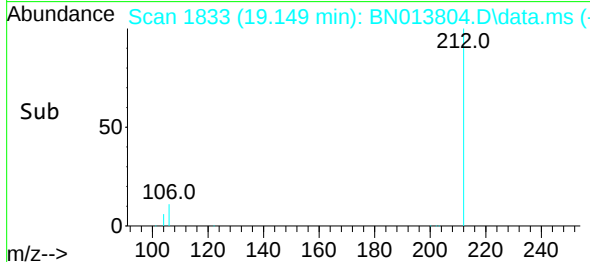
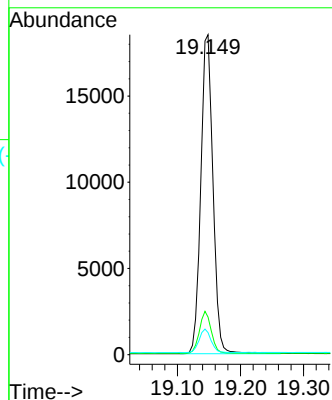
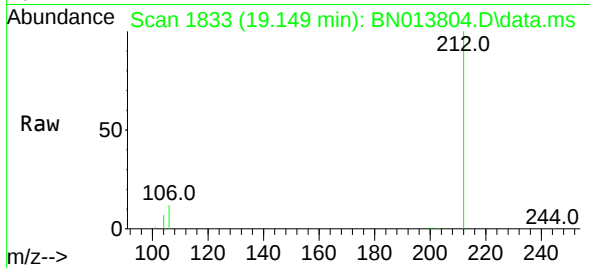




#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

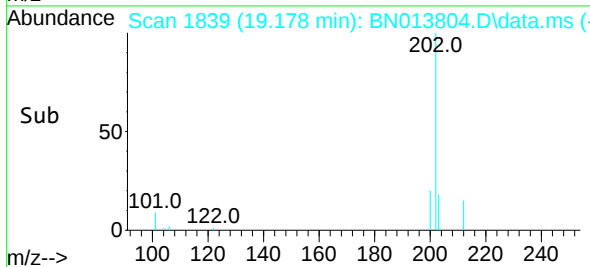
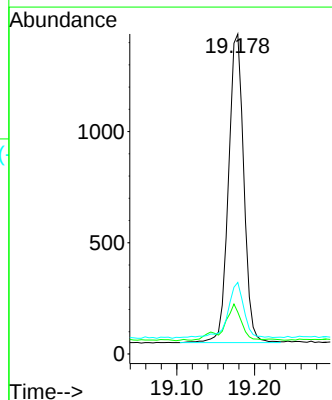
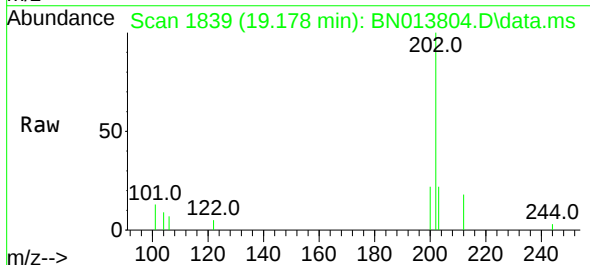
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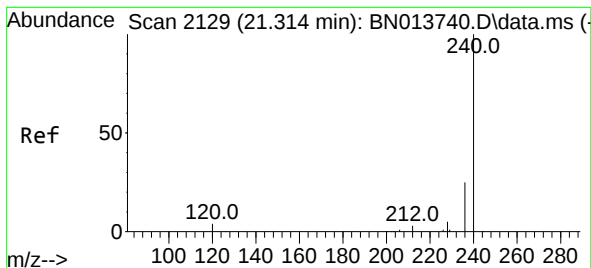
Tgt Ion:212 Resp: 24808
Ion Ratio Lower Upper
212 100
106 12.7 9.7 14.5
104 7.3 5.5 8.3



#28
Fluoranthene
Concen: 0.02 ng
RT: 19.178 min Scan# 1839
Delta R.T. -0.007 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Tgt Ion:202 Resp: 1895
Ion Ratio Lower Upper
202 100
101 10.3 8.1 12.1
203 19.8 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: BN013804.D

Acq: 02 Mar 2021 10:28

Tgt Ion:240 Resp: 25870

Ion Ratio Lower Upper

240 100

120 12.6 10.2 15.4

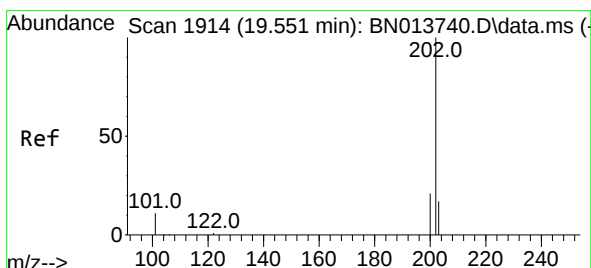
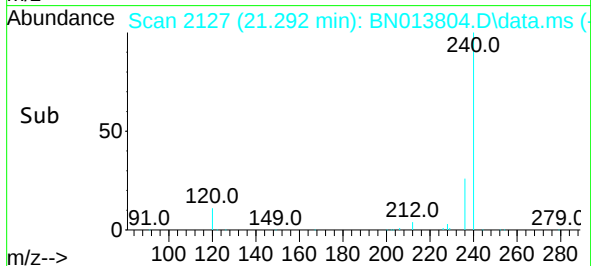
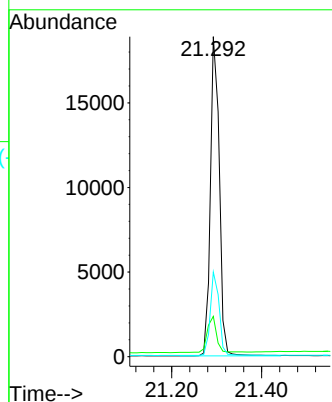
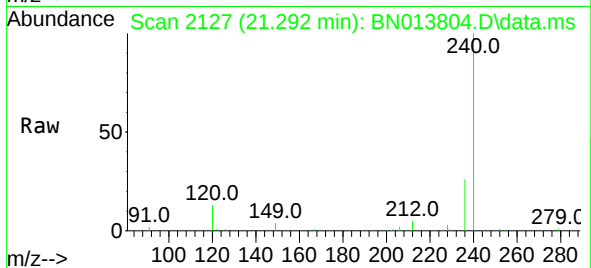
236 26.5 21.3 31.9

Instrument :

BNA_N

ClientSampleId :

PB134867BL



#30

Pyrene

Concen: 0.02 ng

RT: 19.541 min Scan# 1912

Delta R.T. -0.007 min

Lab File: BN013804.D

Acq: 02 Mar 2021 10:28

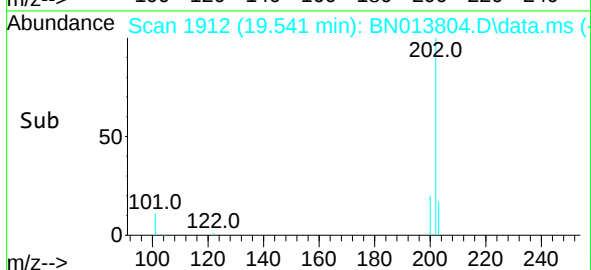
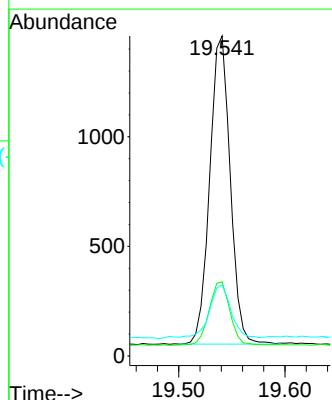
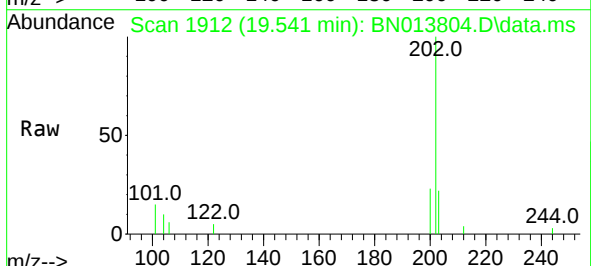
Tgt Ion:202 Resp: 1881

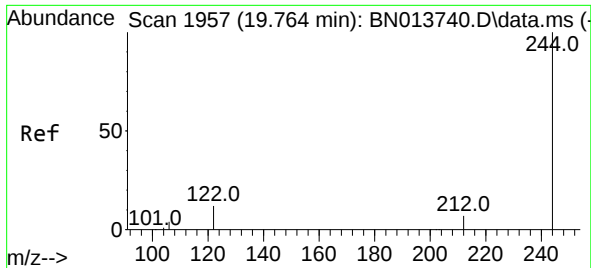
Ion Ratio Lower Upper

202 100

200 20.9 16.3 24.5

203 19.1 14.0 21.0

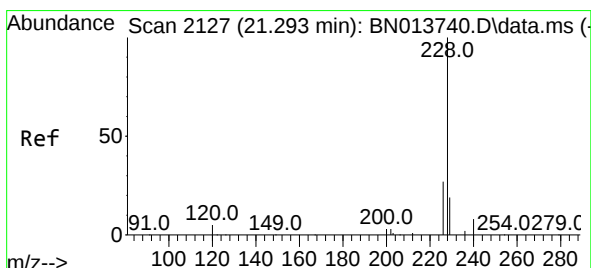
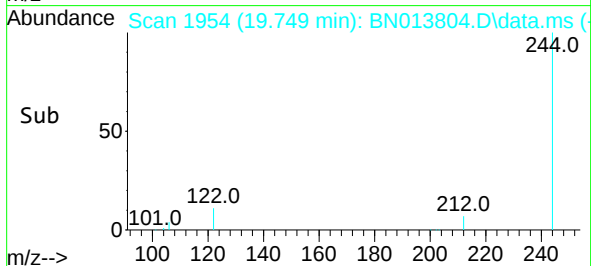
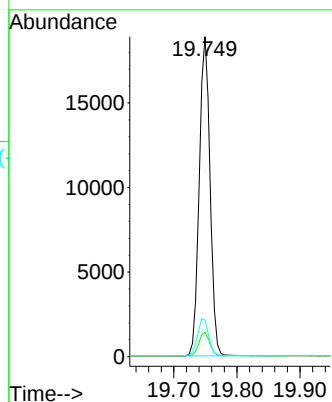
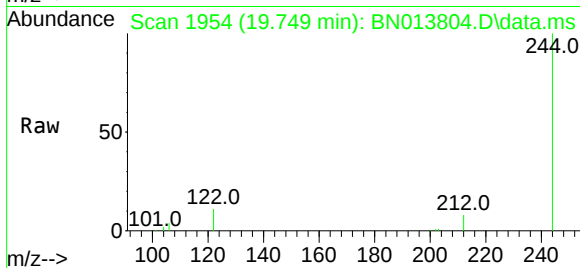




#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.749 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

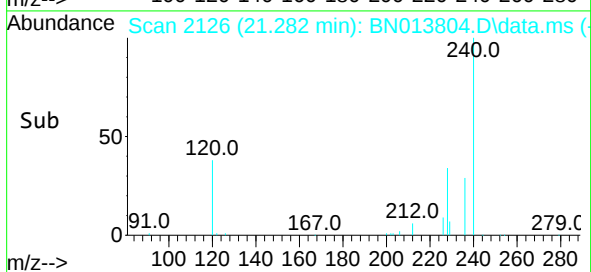
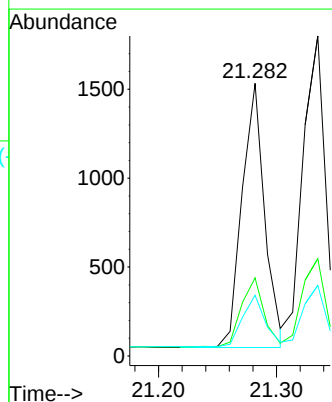
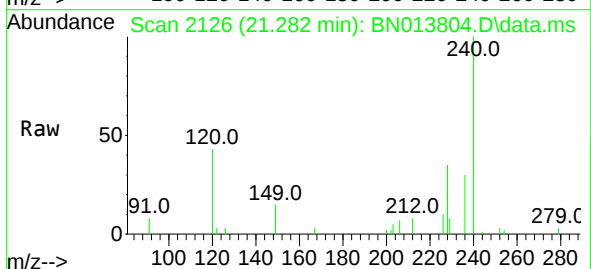
Instrument :
BNA_N
ClientSampleId :
PB134867BL

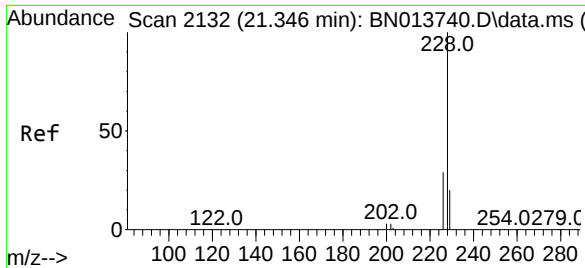
Tgt Ion:244 Resp: 22397
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 11.3 9.8 14.8



#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Tgt Ion:228 Resp: 1989
Ion Ratio Lower Upper
228 100
226 28.6 20.5 30.7
229 22.2 16.2 24.4

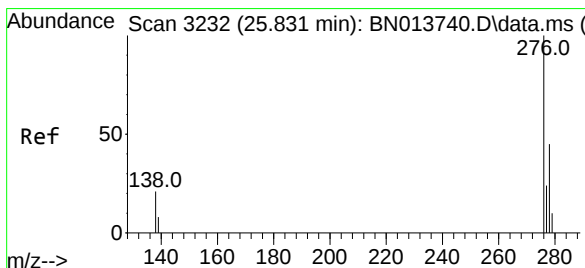
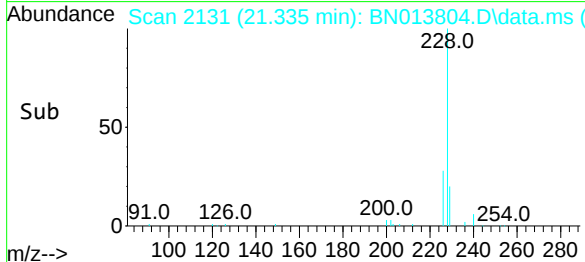
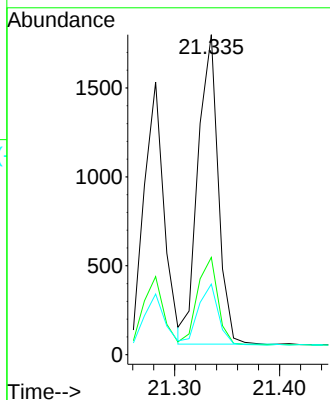
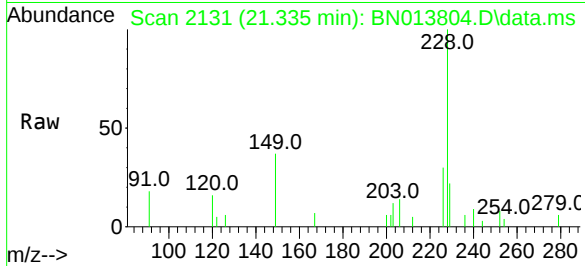




#33
Chrysene
Concen: 0.03 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

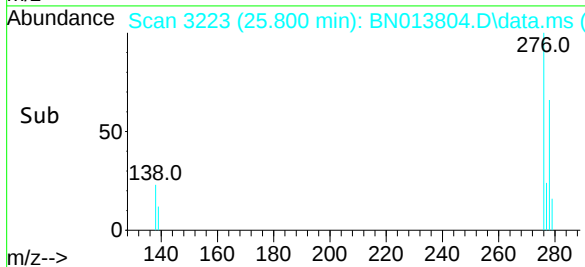
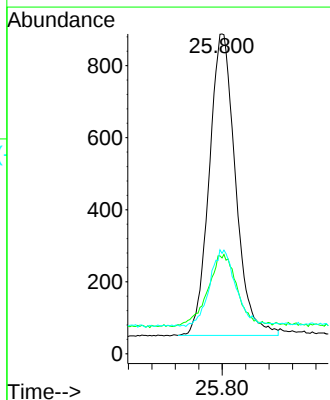
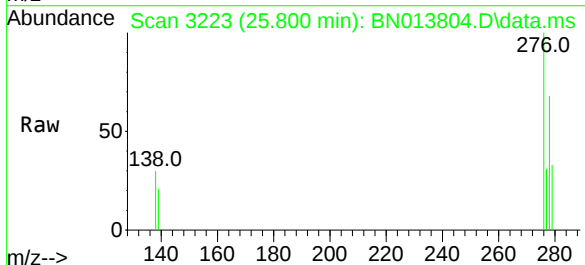
Instrument :
BNA_N
ClientSampleId :
PB134867BL

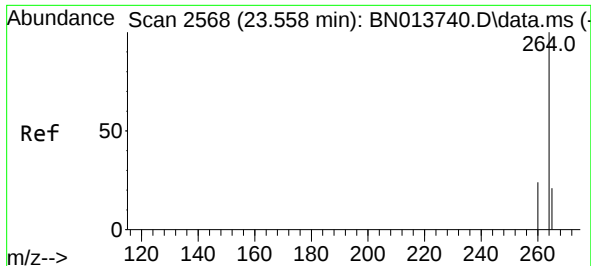
Tgt Ion:	228	Resp:	2320
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.3	36.5
229	22.1	15.1	22.7



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.800 min Scan# 3223
Delta R.T. -0.018 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Tgt Ion:	276	Resp:	2601
Ion Ratio	Lower	Upper	
276	100		
138	26.5	19.8	29.6
277	25.9	19.9	29.9

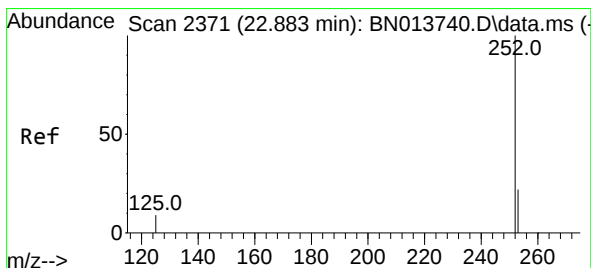
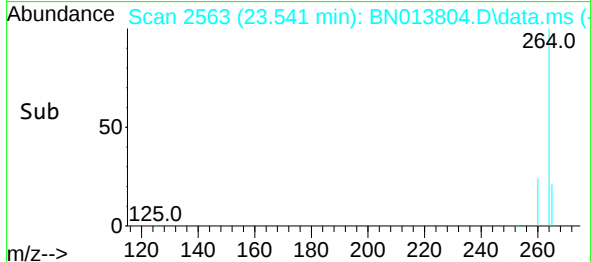
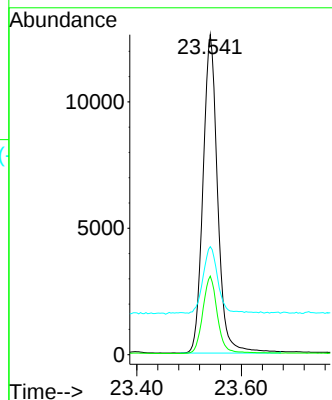
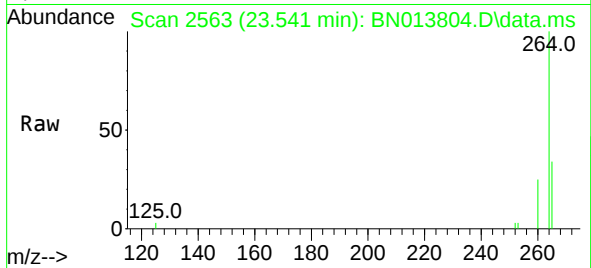




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.541 min Scan# 2563
Delta R.T. -0.011 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

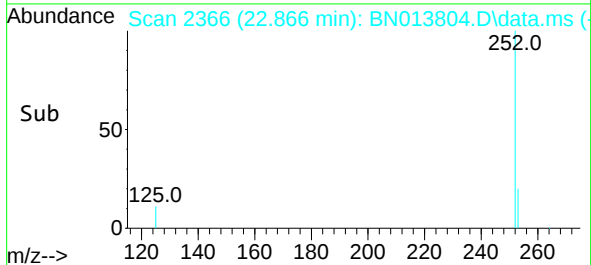
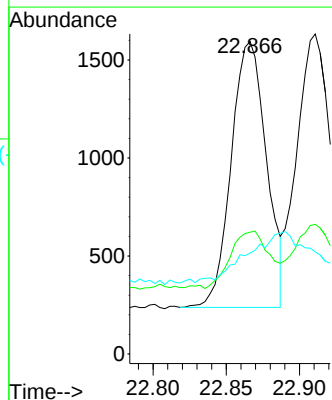
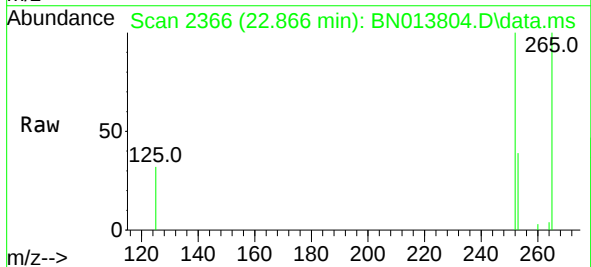
Instrument :
BNA_N
ClientSampleId :
PB134867BL

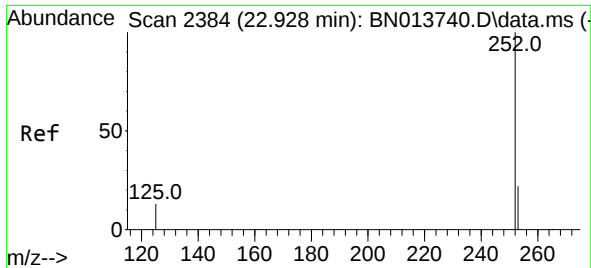
Tgt Ion:264 Resp: 24472
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 33.7 66.2 99.4#



#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.866 min Scan# 2366
Delta R.T. -0.011 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Tgt Ion:252 Resp: 2269
Ion Ratio Lower Upper
252 100
253 38.9 20.4 30.6#
125 32.3 11.6 17.4#

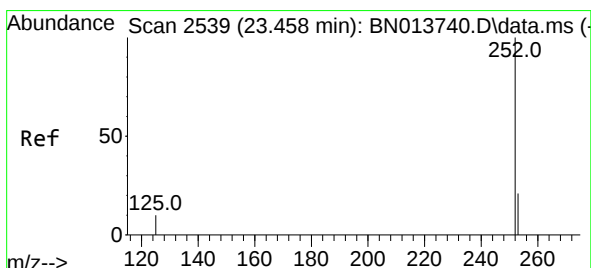
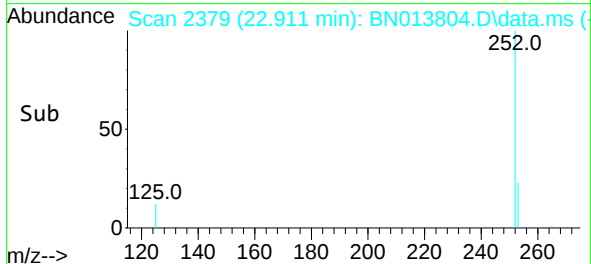
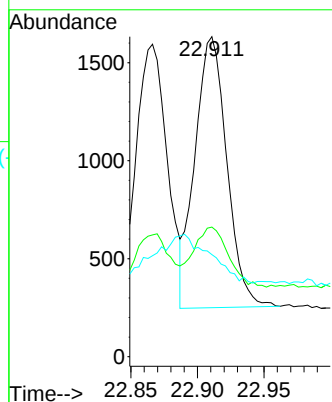
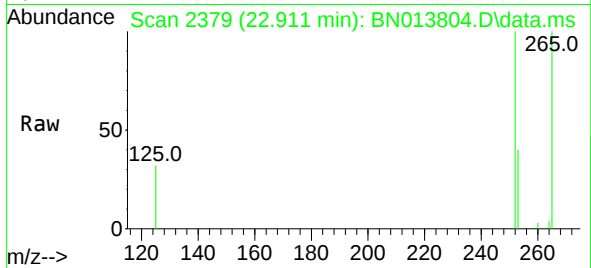




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.911 min Scan# 2379
Delta R.T. -0.011 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

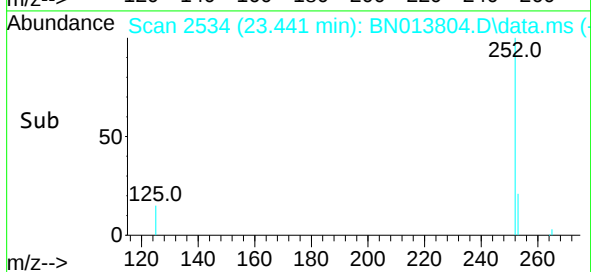
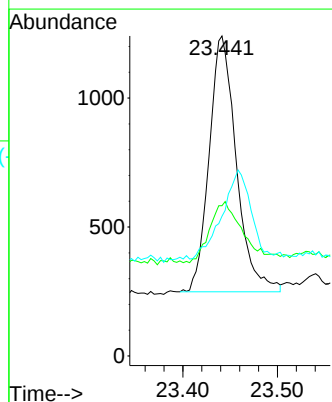
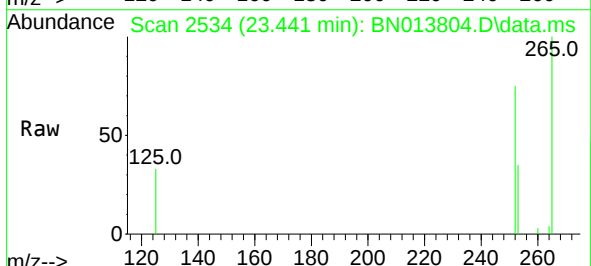
Instrument :
BNA_N
ClientSampleId :
PB134867BL

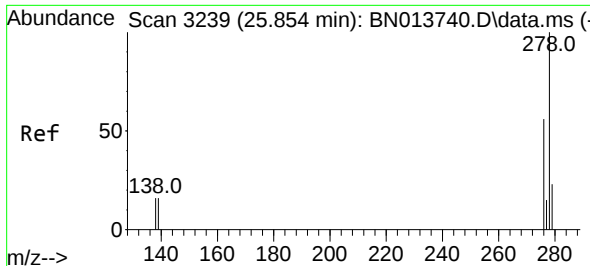
Tgt Ion:252 Resp: 2304
Ion Ratio Lower Upper
252 100
253 40.5 20.5 30.7#
125 31.9 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.441 min Scan# 2534
Delta R.T. -0.014 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Tgt Ion:252 Resp: 1984
Ion Ratio Lower Upper
252 100
253 47.0 21.8 32.6#
125 43.7 14.6 21.8#

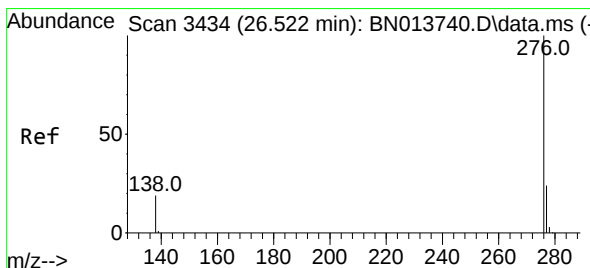
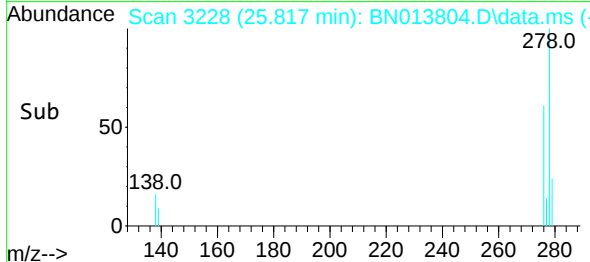
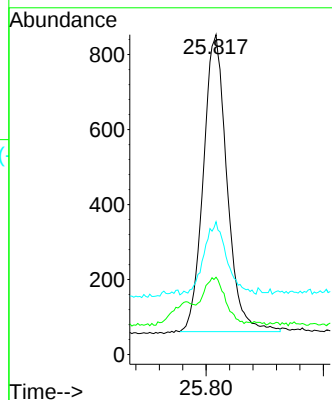
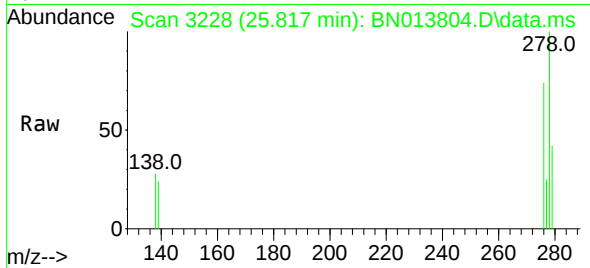




#40
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.817 min Scan# 3228
Delta R.T. -0.021 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Instrument :
BNA_N
ClientSampleId :
PB134867BL

Tgt Ion:278 Resp: 2219
Ion Ratio Lower Upper
278 100
139 24.2 13.1 19.7#
279 41.5 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.488 min Scan# 3424
Delta R.T. -0.021 min
Lab File: BN013804.D
Acq: 02 Mar 2021 10:28

Tgt Ion:276 Resp: 2467
Ion Ratio Lower Upper
276 100
277 31.1 20.0 30.0#
138 28.5 17.8 26.8#

