

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013762.D
 Acq On : 25 Feb 2021 11:20
 Operator : CG/JU
 Sample : M1473-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-022321

Quant Time: Feb 25 11:51:55 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)

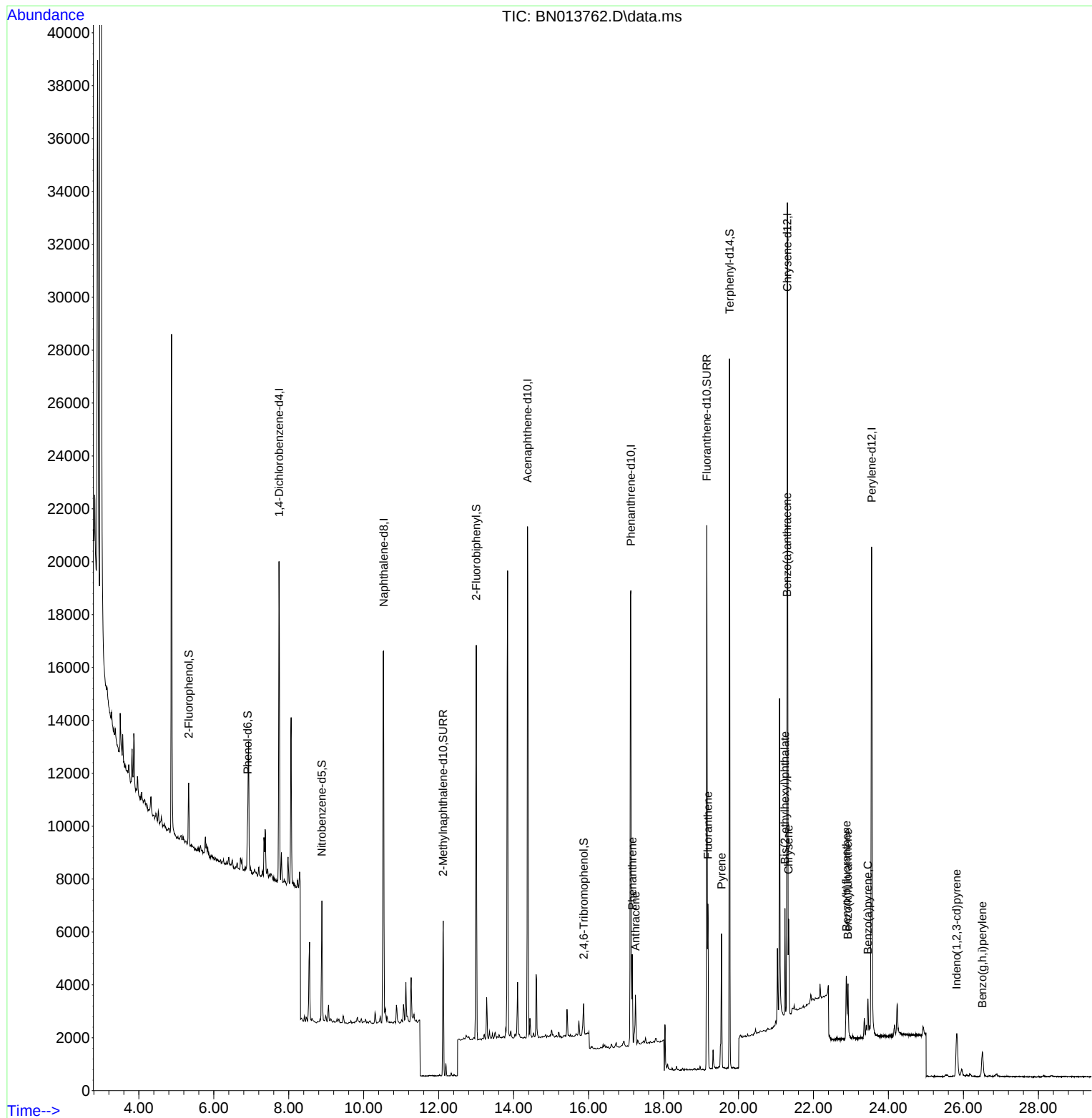
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	5449	0.40	ng	0.00
7) Naphthalene-d8	10.530	136	20908	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	11766	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	26626	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	26257	0.40	ng	# 0.00
36) Perylene-d12	23.551	264	25390	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	1856	0.13	ng	0.00
5) Phenol-d6	6.903	99	1509	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	3462	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	7766	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	961	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	12045	0.29	ng	0.00
27) Fluoranthene-d10	19.154	212	22500	0.29	ng	0.00
31) Terphenyl-d14	19.759	244	25036	0.43	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.165	178	3291	0.05	ng	96
26) Anthracene	17.250	178	1378	0.02	ng	# 96
28) Fluoranthene	19.183	202	5459	0.07	ng	98
30) Pyrene	19.546	202	4589	0.06	ng	97
32) Benzo(a)anthracene	21.292	228	2545	0.03	ng	94
33) Chrysene	21.335	228	3123	0.04	ng	96
34) Bis(2-ethylhexyl)phtha...	21.239	149	3481	0.09	ng	98
35) Indeno(1,2,3-cd)pyrene	25.820	276	2332	0.02	ng	98
37) Benzo(b)fluoranthene	22.876	252	3333	0.04	ng	# 82
38) Benzo(k)fluoranthene	22.921	252	2317	0.03	ng	# 59
39) Benzo(a)pyrene	23.451	252	2145	0.03	ng	# 73
41) Benzo(g,h,i)perylene	26.508	276	2037	0.03	ng	# 84

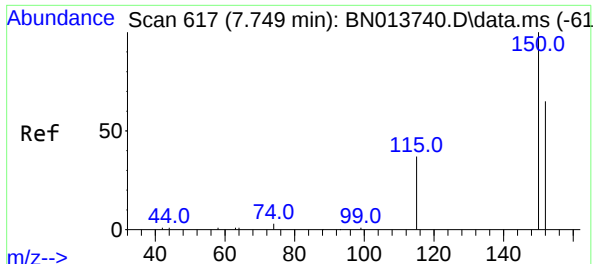
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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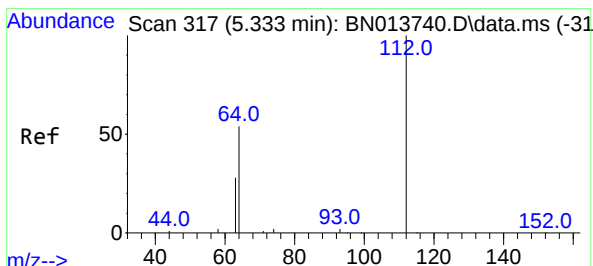
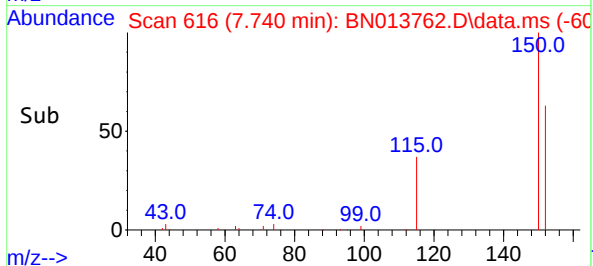
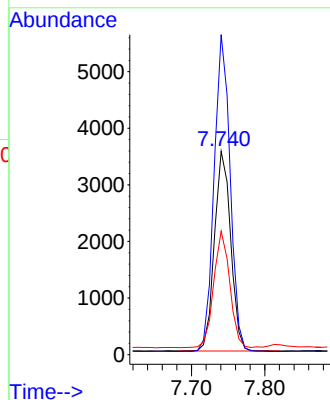
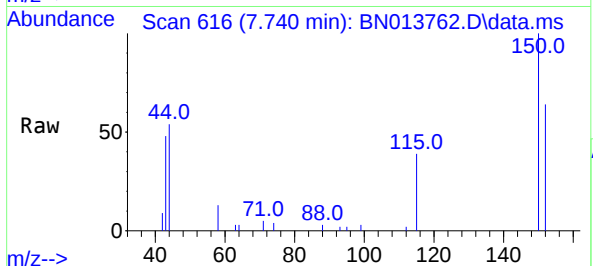




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.740 min Scan# 616
Delta R.T. -0.001 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

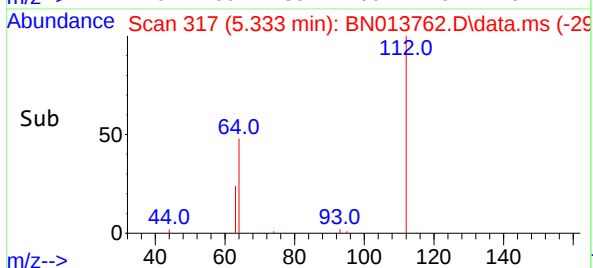
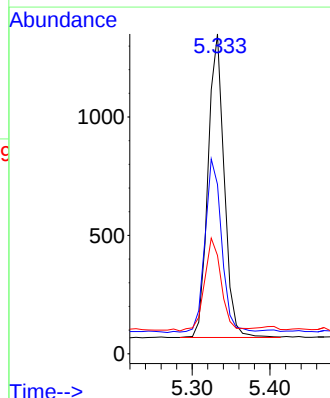
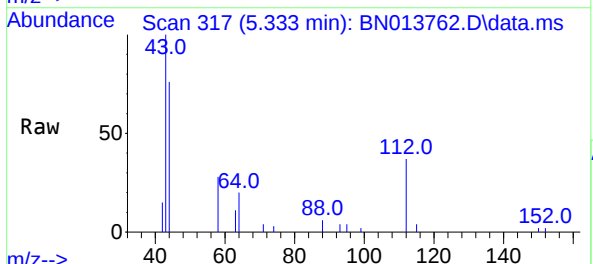
Instrument :
BNA_N
ClientSampleId :
EB-022321

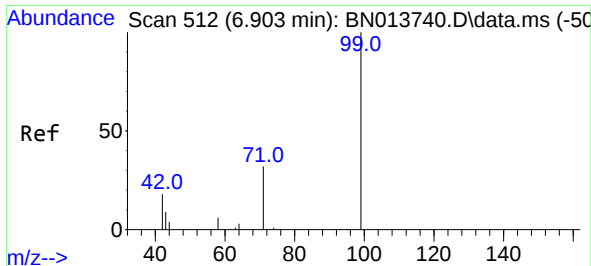
Tgt Ion:152 Resp: 5449
Ion Ratio Lower Upper
152 100
150 157.4 121.8 182.8
115 60.7 46.6 69.8



#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:112 Resp: 1856
Ion Ratio Lower Upper
112 100
64 59.2 44.3 66.5
63 30.9 23.0 34.6

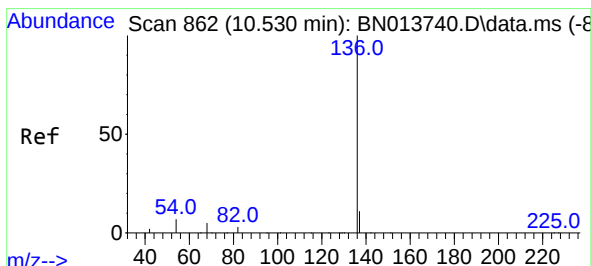
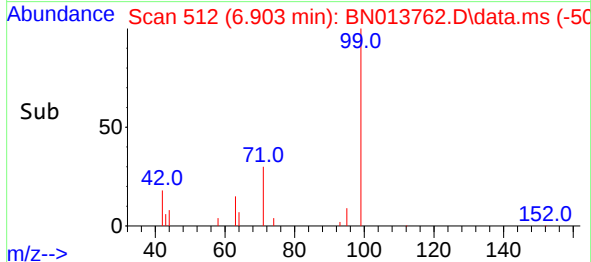
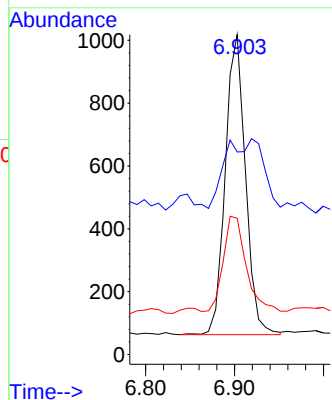
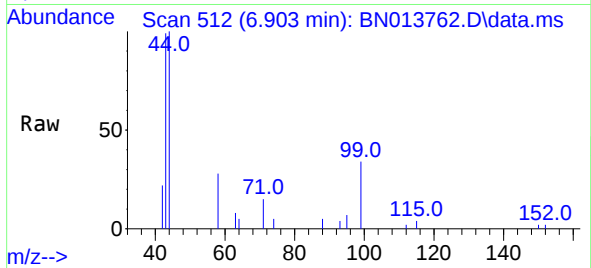




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

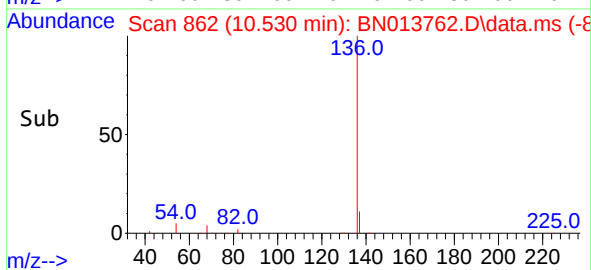
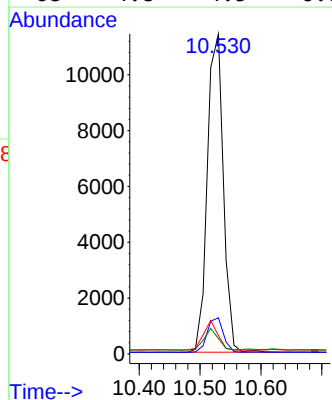
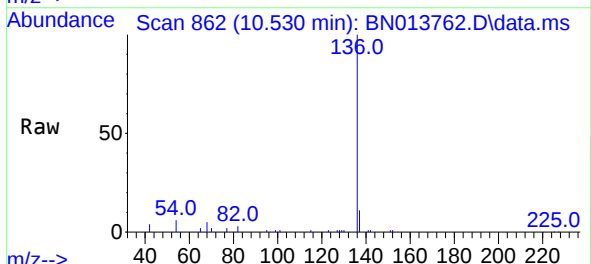
Instrument :
BNA_N
ClientSampleId :
EB-022321

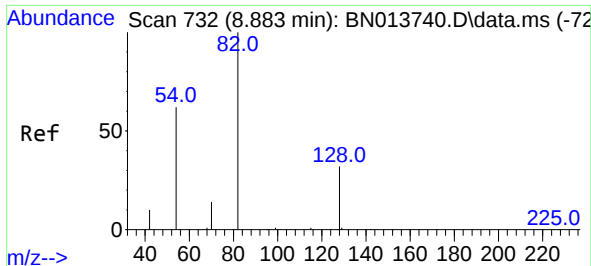
Tgt Ion: 99 Resp: 1509
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 38.9 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion: 136 Resp: 20908
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 5.7 6.4 9.6#
68 4.8 4.5 6.7

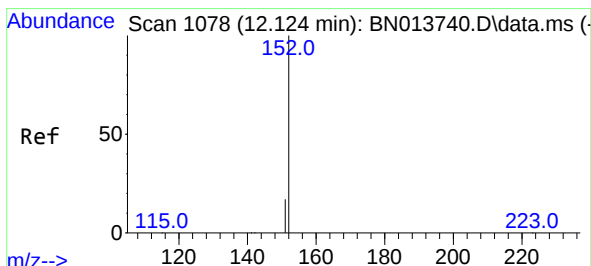
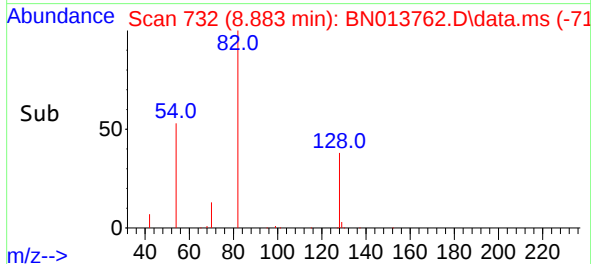
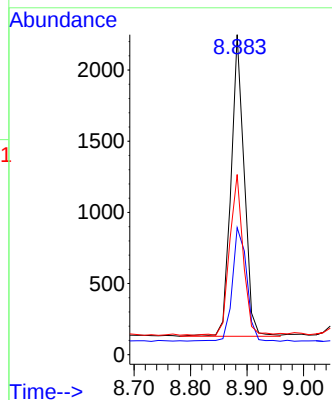
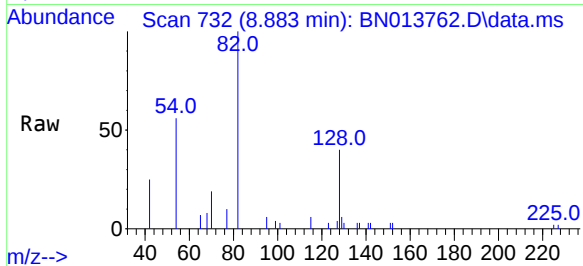




#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

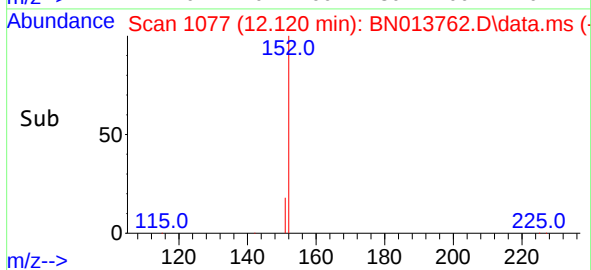
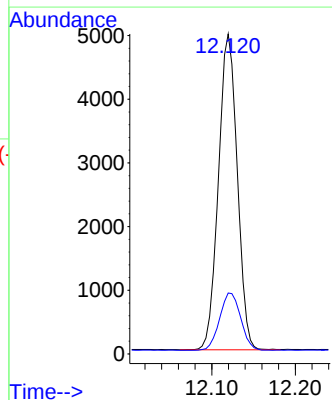
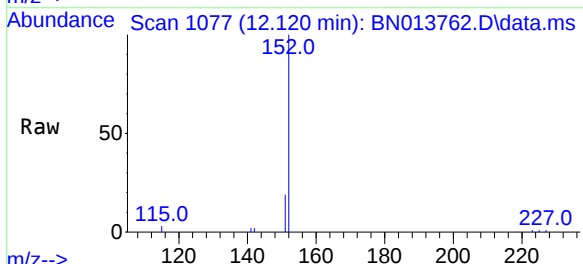
Instrument :
BNA_N
ClientSampleId :
EB-022321

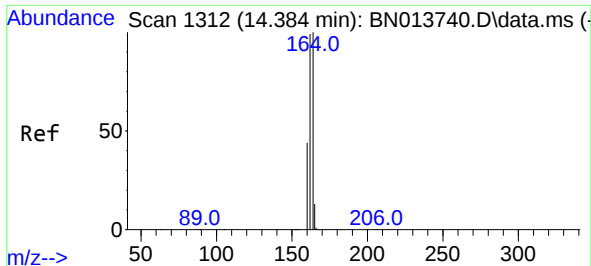
Tgt Ion: 82 Resp: 3462
Ion Ratio Lower Upper
82 100
128 39.7 39.2 58.8
54 56.3 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.120 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion: 152 Resp: 7766
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

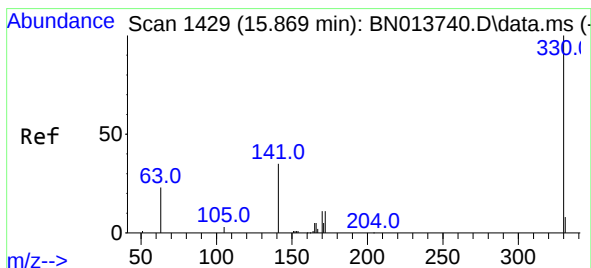
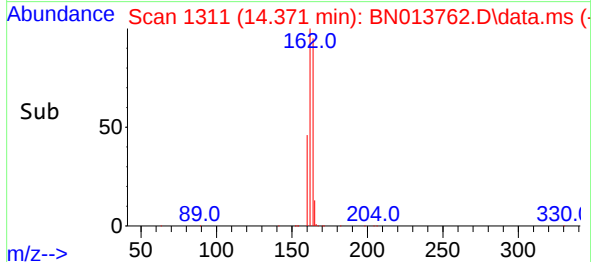
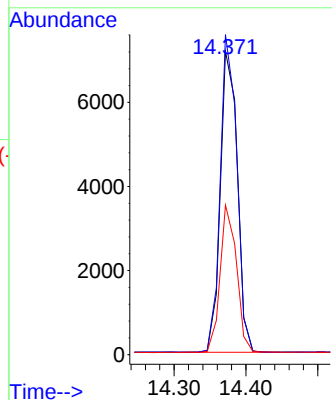
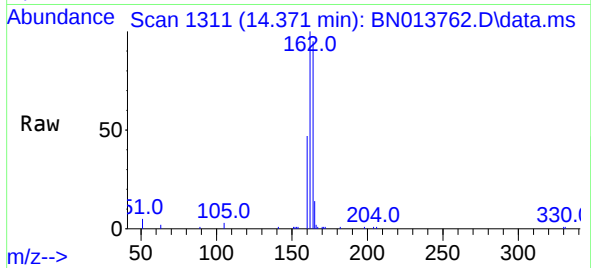




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

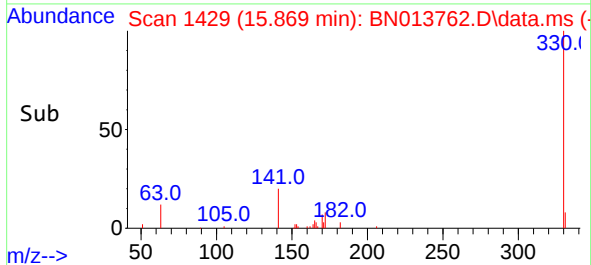
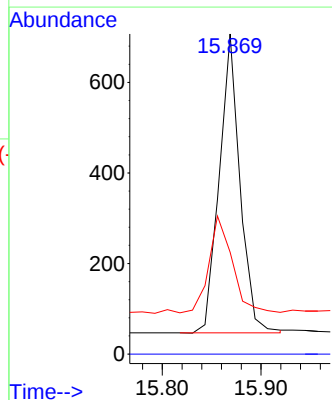
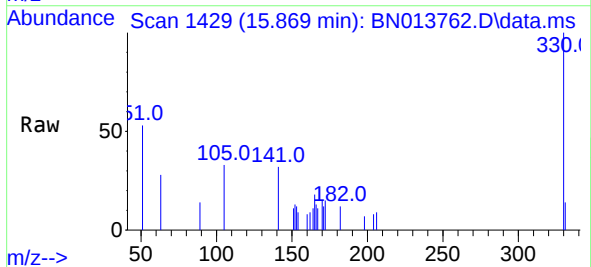
Instrument :
BNA_N
ClientSampleId :
EB-022321

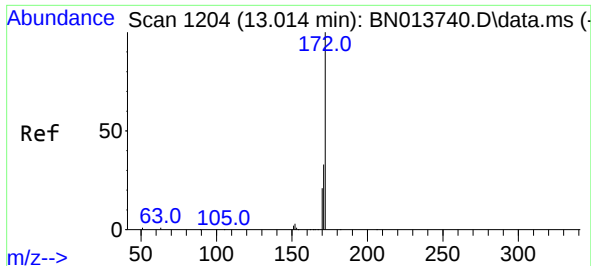
Tgt Ion:164 Resp: 11766
Ion Ratio Lower Upper
164 100
162 105.5 79.6 119.4
160 49.3 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:330 Resp: 961
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.7 26.8 40.2



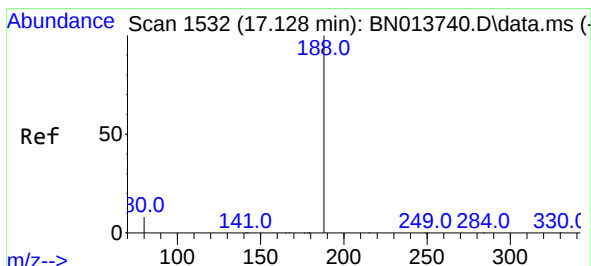
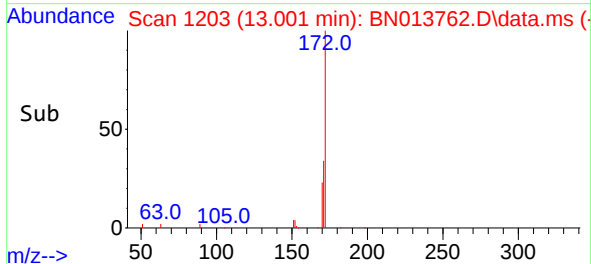
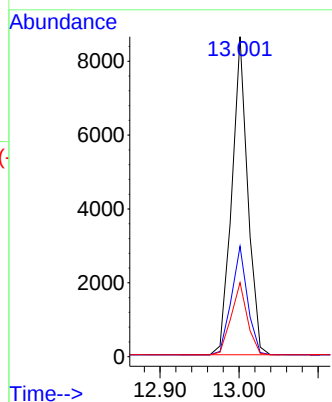
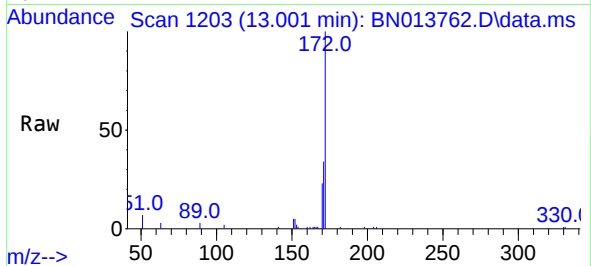


#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Instrument :
BNA_N
ClientSampleId :
EB-022321

Tgt Ion:172 Resp: 12045

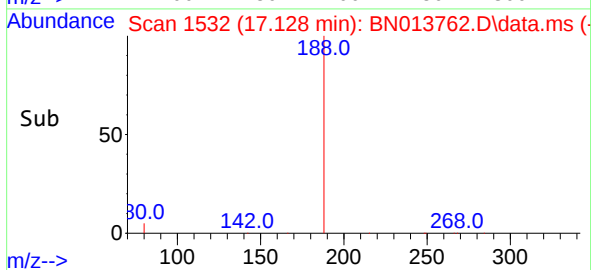
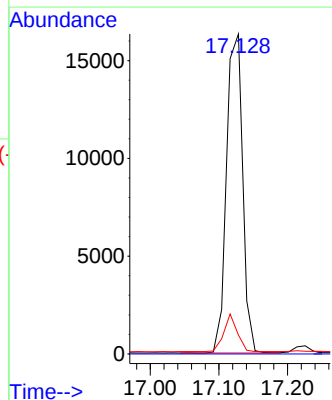
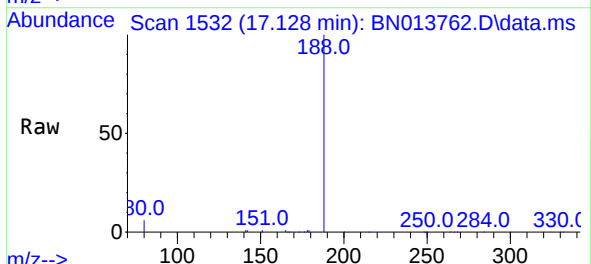
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	23.1	18.9	28.3

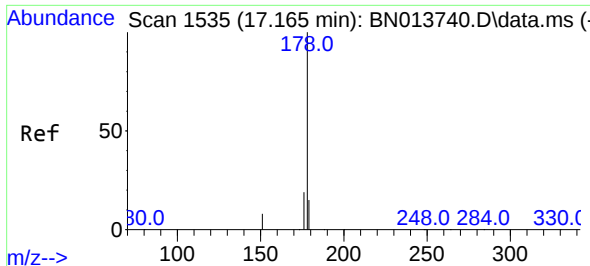


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:188 Resp: 26626

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	9.0	13.6#

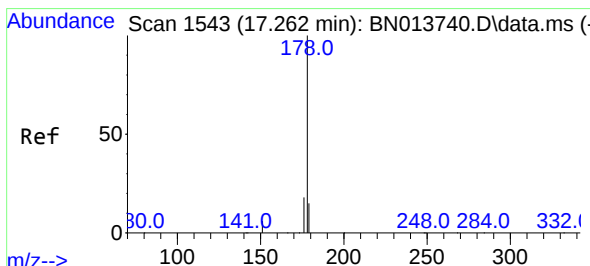
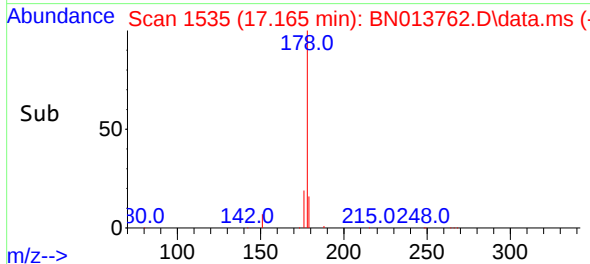
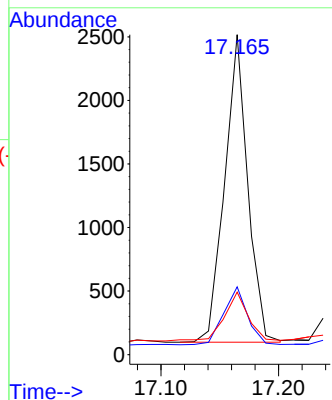
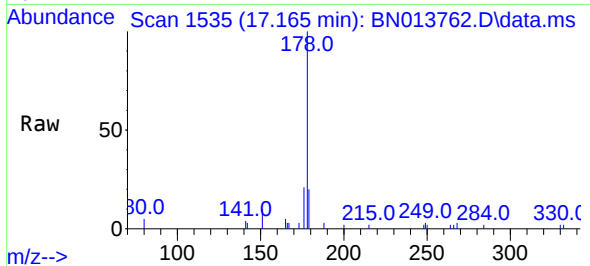




#25
Phenanthrene
Concen: 0.05 ng
RT: 17.165 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

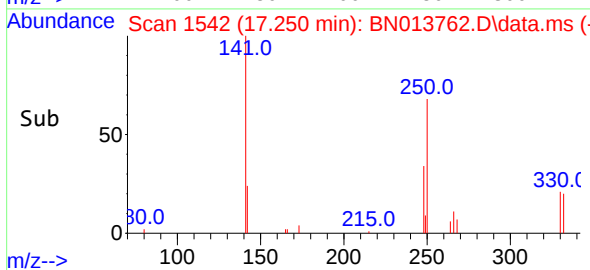
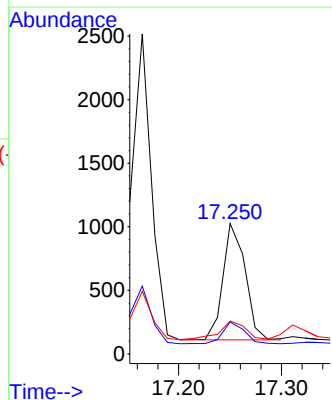
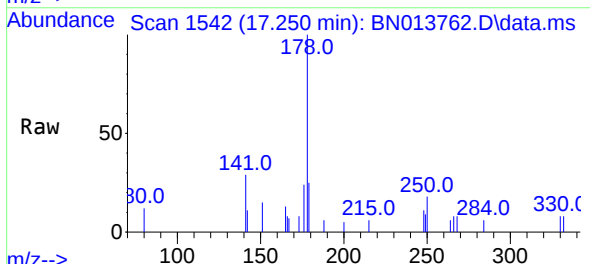
Instrument :
BNA_N
ClientSampled :
EB-022321

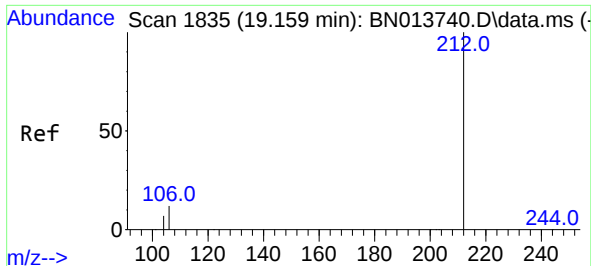
Tgt Ion:178	Resp:	3291
Ion	Ratio	Lower Upper
178	100	
176	19.5	15.0 22.4
179	18.3	12.3 18.5



#26
Anthracene
Concen: 0.02 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:178	Resp:	1378
Ion	Ratio	Lower Upper
178	100	
176	18.1	14.6 21.8
179	18.4	12.2 18.2

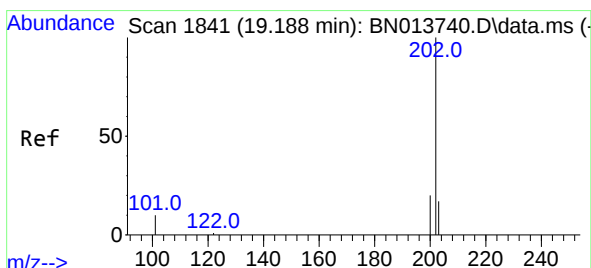
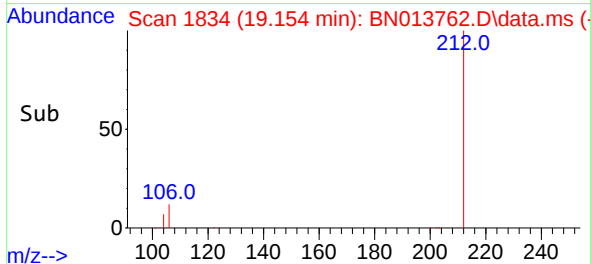
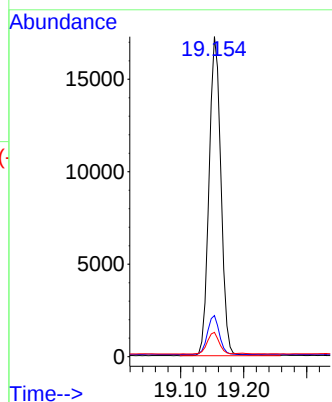
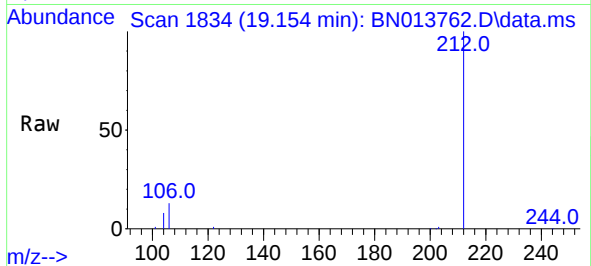




#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

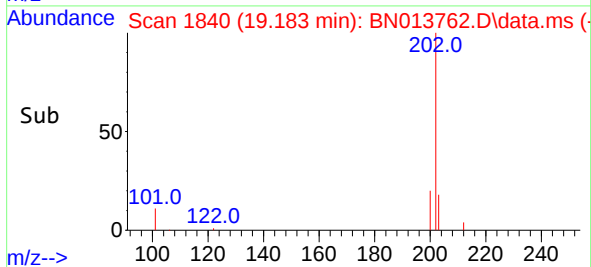
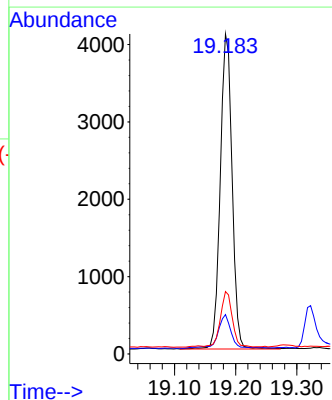
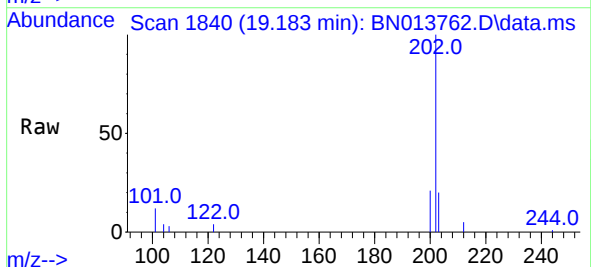
Instrument :
BNA_N
ClientSampleId :
EB-022321

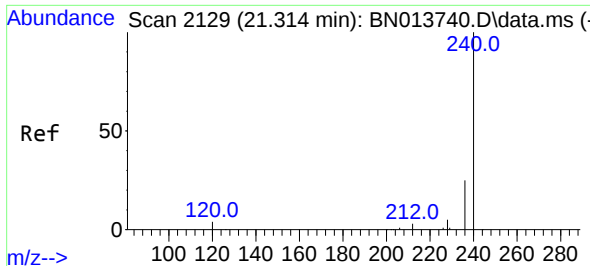
Tgt Ion:212	Resp:	22500
Ion Ratio	Lower	Upper
212	100	
106	12.2	9.7 14.5
104	6.7	5.5 8.3



#28
Fluoranthene
Concen: 0.07 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.002 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:202	Resp:	5459
Ion Ratio	Lower	Upper
202	100	
101	12.1	8.1 12.1
203	17.2	13.9 20.9

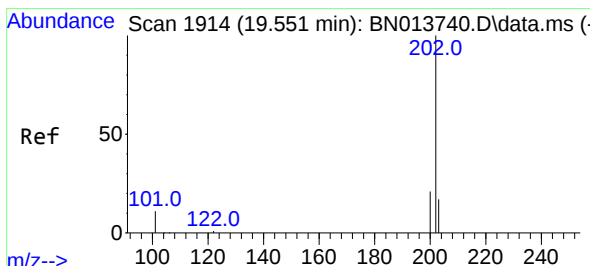
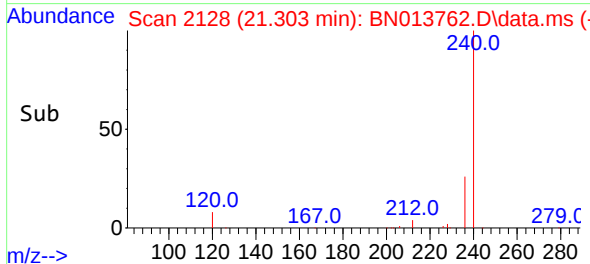
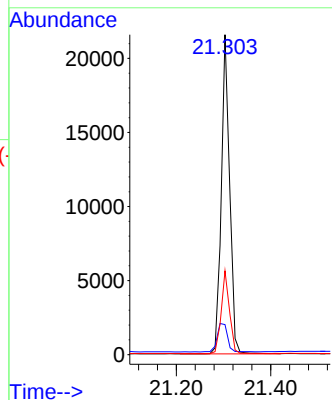
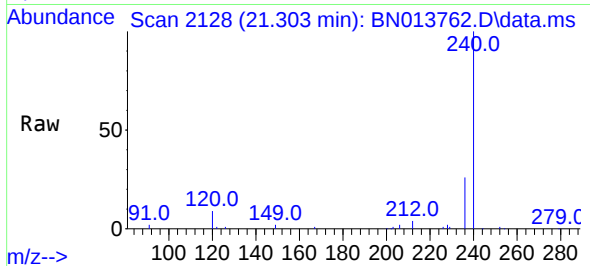




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

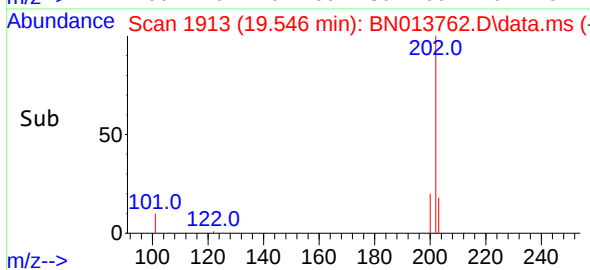
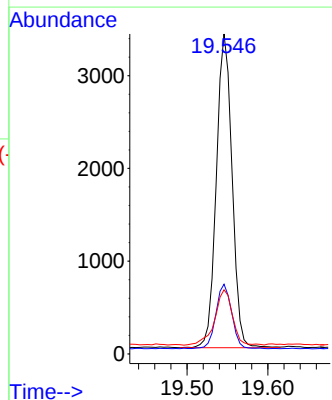
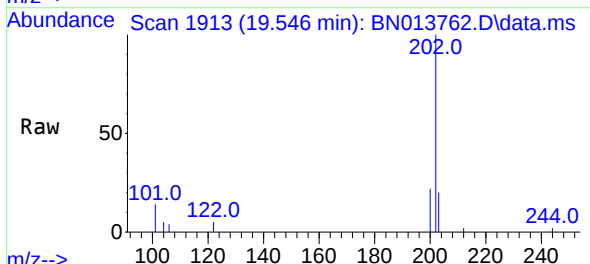
Instrument :
BNA_N
ClientSampleId :
EB-022321

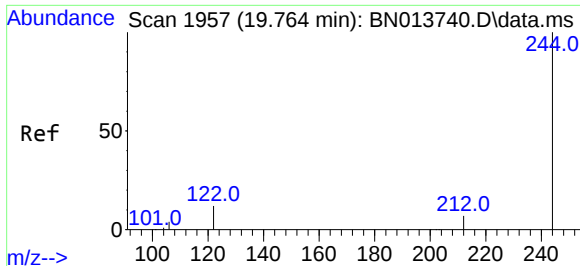
Tgt Ion:240 Resp: 26257
Ion Ratio Lower Upper
240 100
120 9.4 10.2 15.4#
236 26.2 21.3 31.9



#30
Pyrene
Concen: 0.06 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.002 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:202 Resp: 4589
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 19.9 14.0 21.0

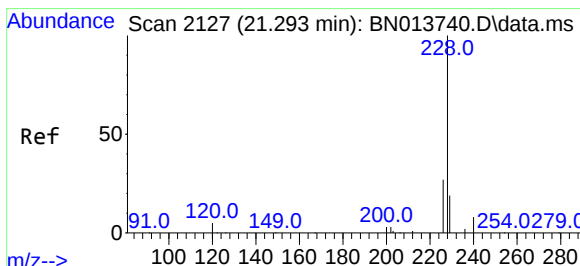
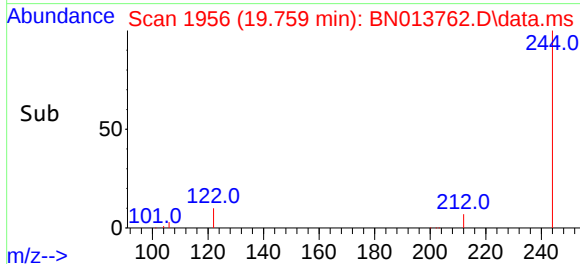
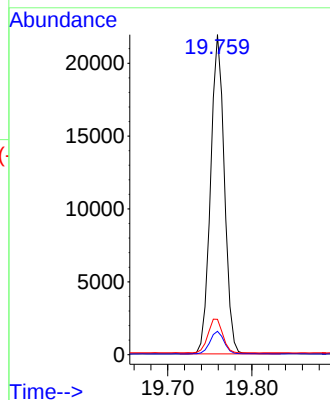
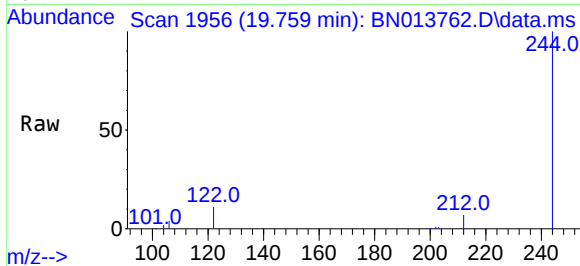




#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

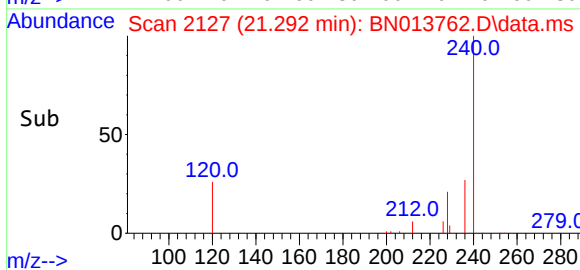
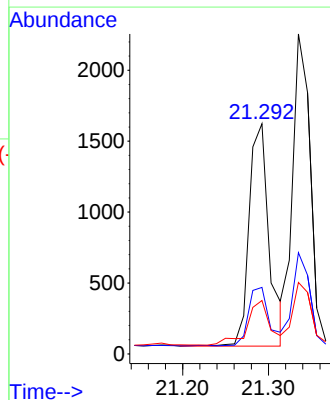
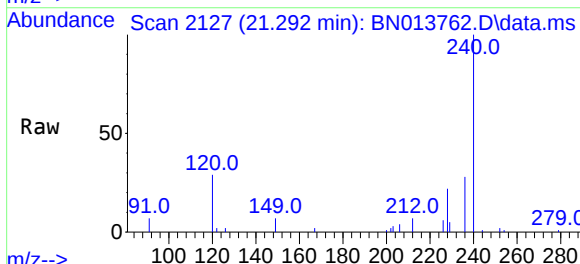
Instrument :
BNA_N
ClientSampleId :
EB-022321

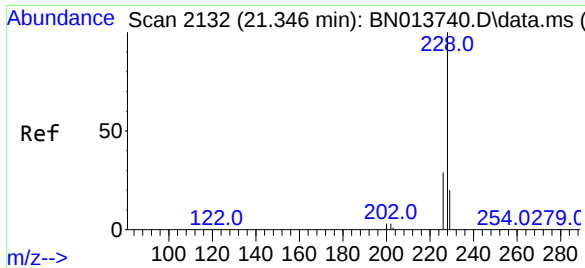
Tgt Ion:244 Resp: 25036
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 11.0 9.8 14.8



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.292 min Scan# 2127
Delta R.T. 0.003 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:228 Resp: 2545
Ion Ratio Lower Upper
228 100
226 28.9 20.5 30.7
229 23.2 16.2 24.4



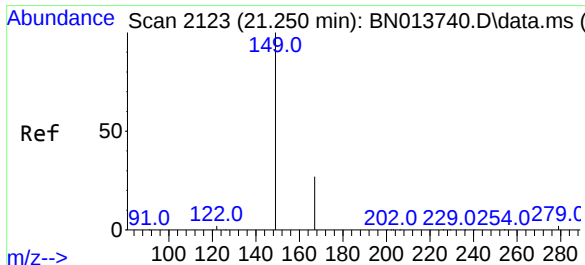
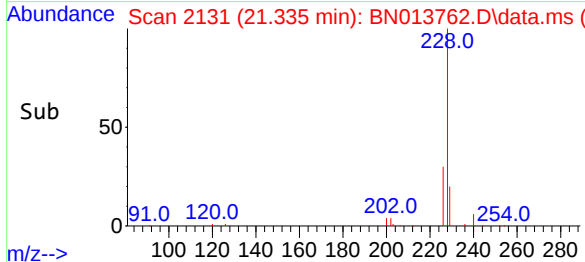
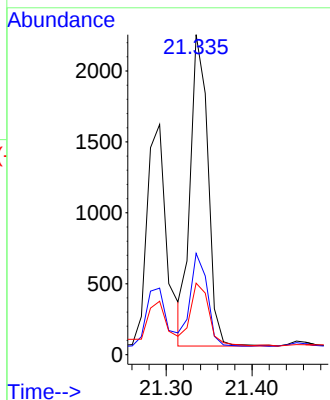
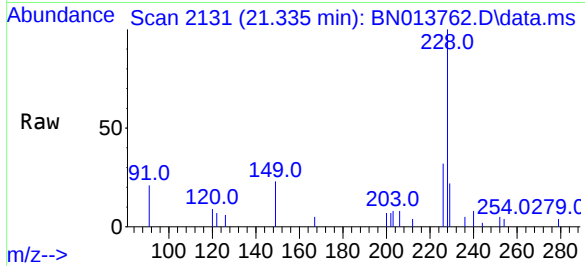


#33
Chrysene
Concen: 0.04 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Instrument :
BNA_N
ClientSampleId :
EB-022321

Tgt Ion:228 Resp: 3123

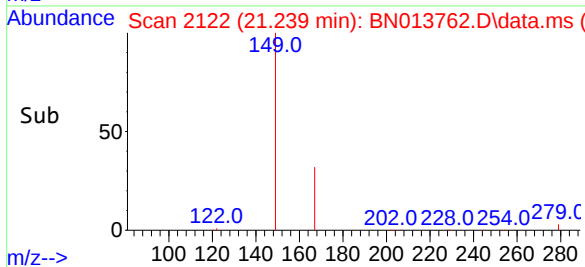
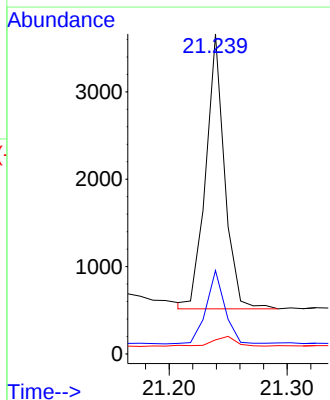
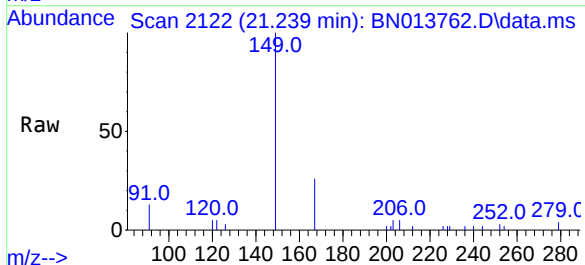
Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
229	22.3	15.1	22.7

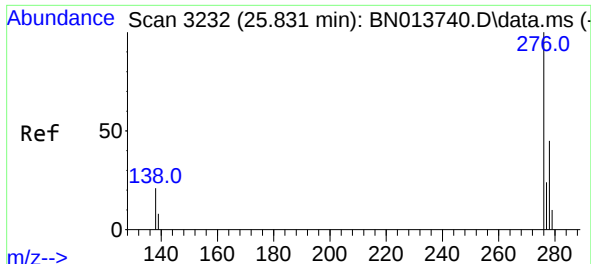


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:149 Resp: 3481

Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.1	33.1
279	4.9	3.5	5.3



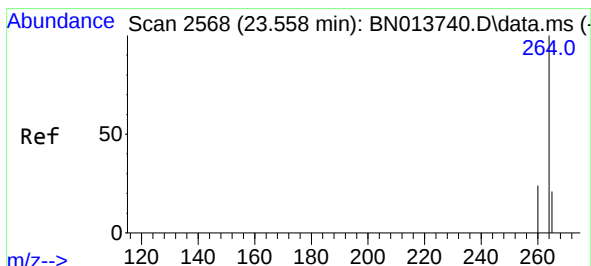
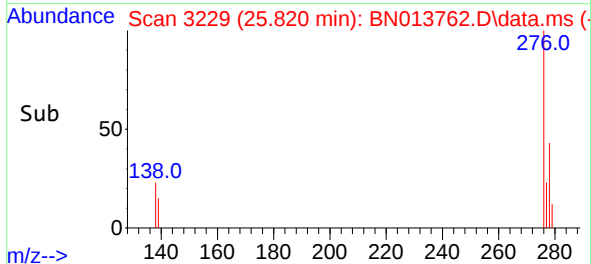
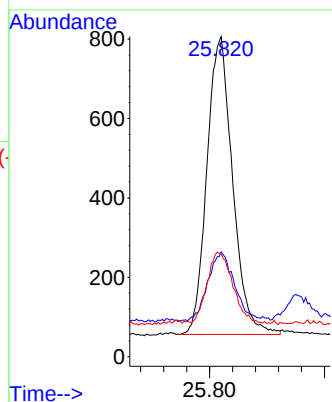
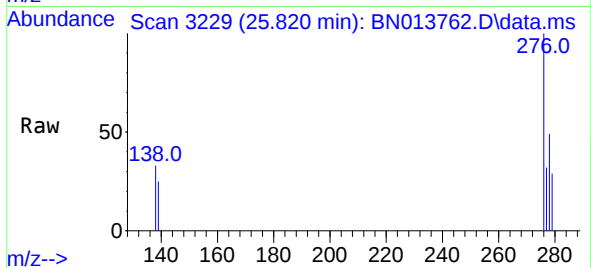


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.820 min Scan# 3229
Delta R.T. 0.003 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Instrument :
BNA_N
ClientSampleId :
EB-022321

Tgt Ion:276 Resp: 2332

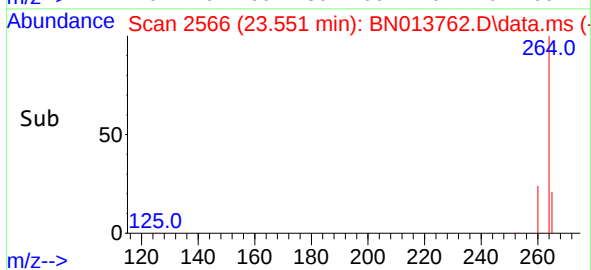
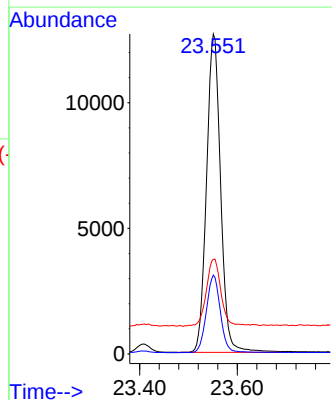
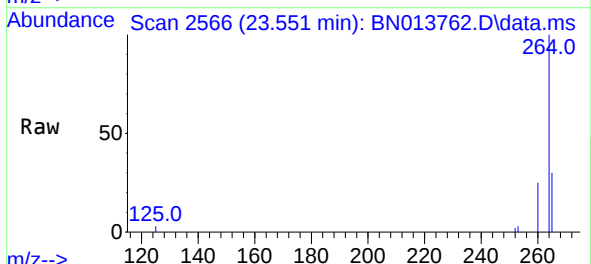
Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.8	29.6
277	23.5	19.9	29.9

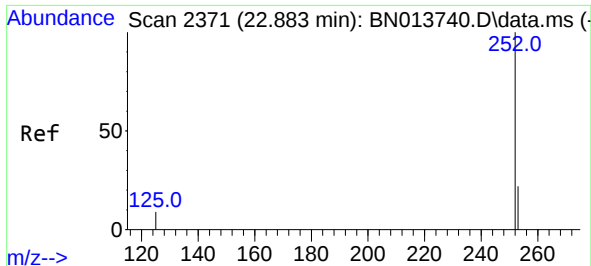


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.551 min Scan# 2566
Delta R.T. -0.001 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:264 Resp: 25390

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	29.6	66.2	99.4

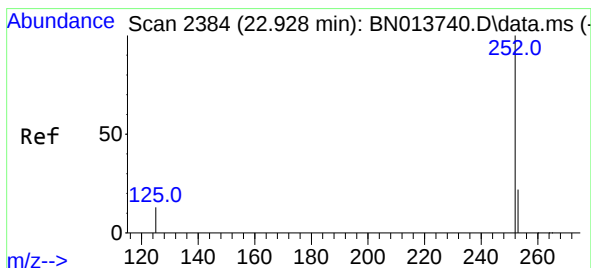
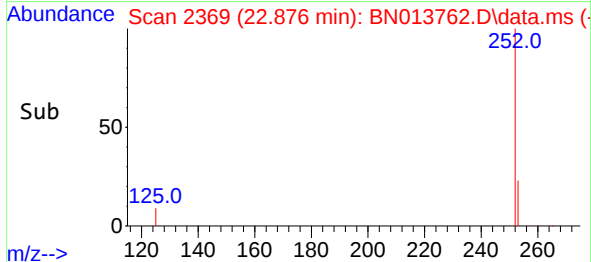
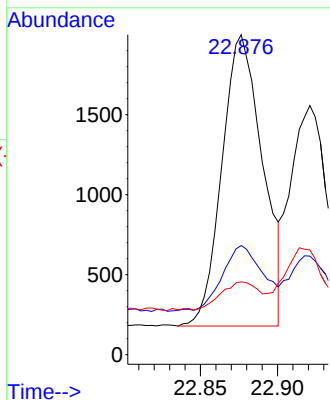
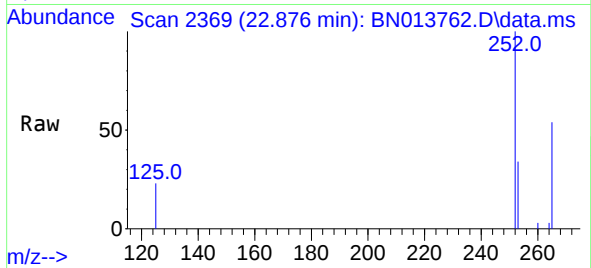




#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.876 min Scan# 2369
Delta R.T. -0.001 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

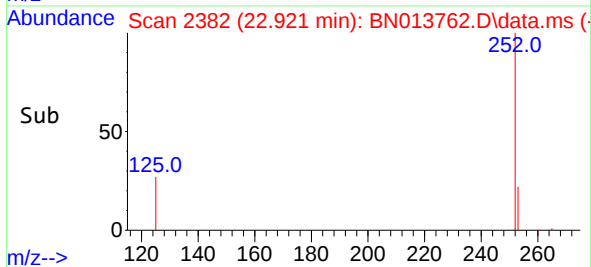
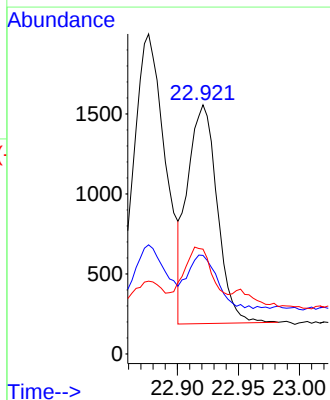
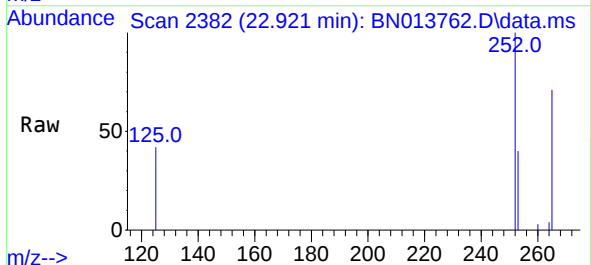
Instrument :
BNA_N
ClientSampleId :
EB-022321

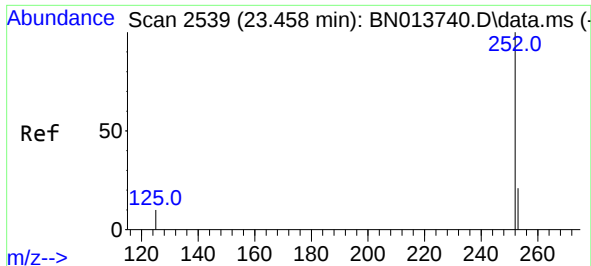
Tgt Ion:252 Resp: 3333
Ion Ratio Lower Upper
252 100
253 34.1 20.4 30.6#
125 22.8 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.921 min Scan# 2382
Delta R.T. -0.001 min
Lab File: BN013762.D
Acq: 25 Feb 2021 11:20

Tgt Ion:252 Resp: 2317
Ion Ratio Lower Upper
252 100
253 39.6 20.5 30.7#
125 42.1 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.03 ng

RT: 23.451 min Scan# 2537

Delta R.T. -0.004 min

Lab File: BN013762.D

Acq: 25 Feb 2021 11:20

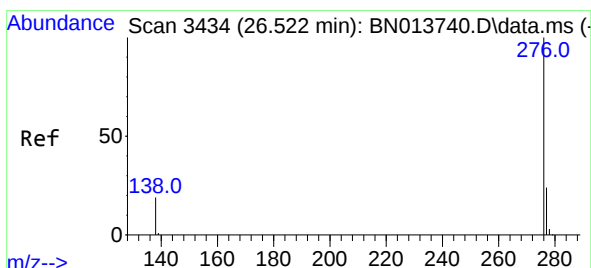
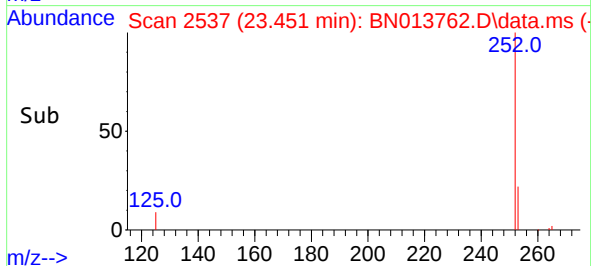
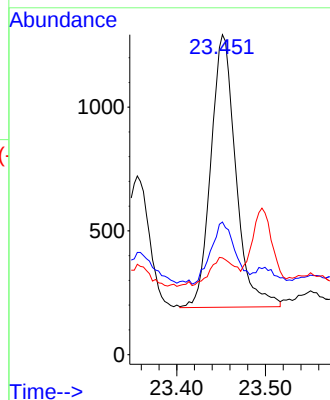
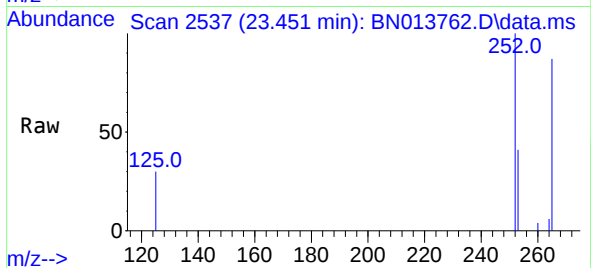
Tgt Ion:	252	Resp:	2145
Ion Ratio	Lower	Upper	
252	100		
253	41.5	21.8	32.6#
125	30.2	14.6	21.8#

Instrument :

BNA_N

ClientSampleId :

EB-022321



#41

Benzo(g,h,i)perylene

Concen: 0.03 ng

RT: 26.508 min Scan# 3430

Delta R.T. -0.001 min

Lab File: BN013762.D

Acq: 25 Feb 2021 11:20

Tgt Ion:	276	Resp:	2037
Ion Ratio	Lower	Upper	
276	100		
277	33.6	20.0	30.0#
138	29.3	17.8	26.8#

