

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015357.D
 Acq On : 07 Jul 2021 03:39
 Operator : CG/JU
 Sample : M2907-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 07 06:09:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

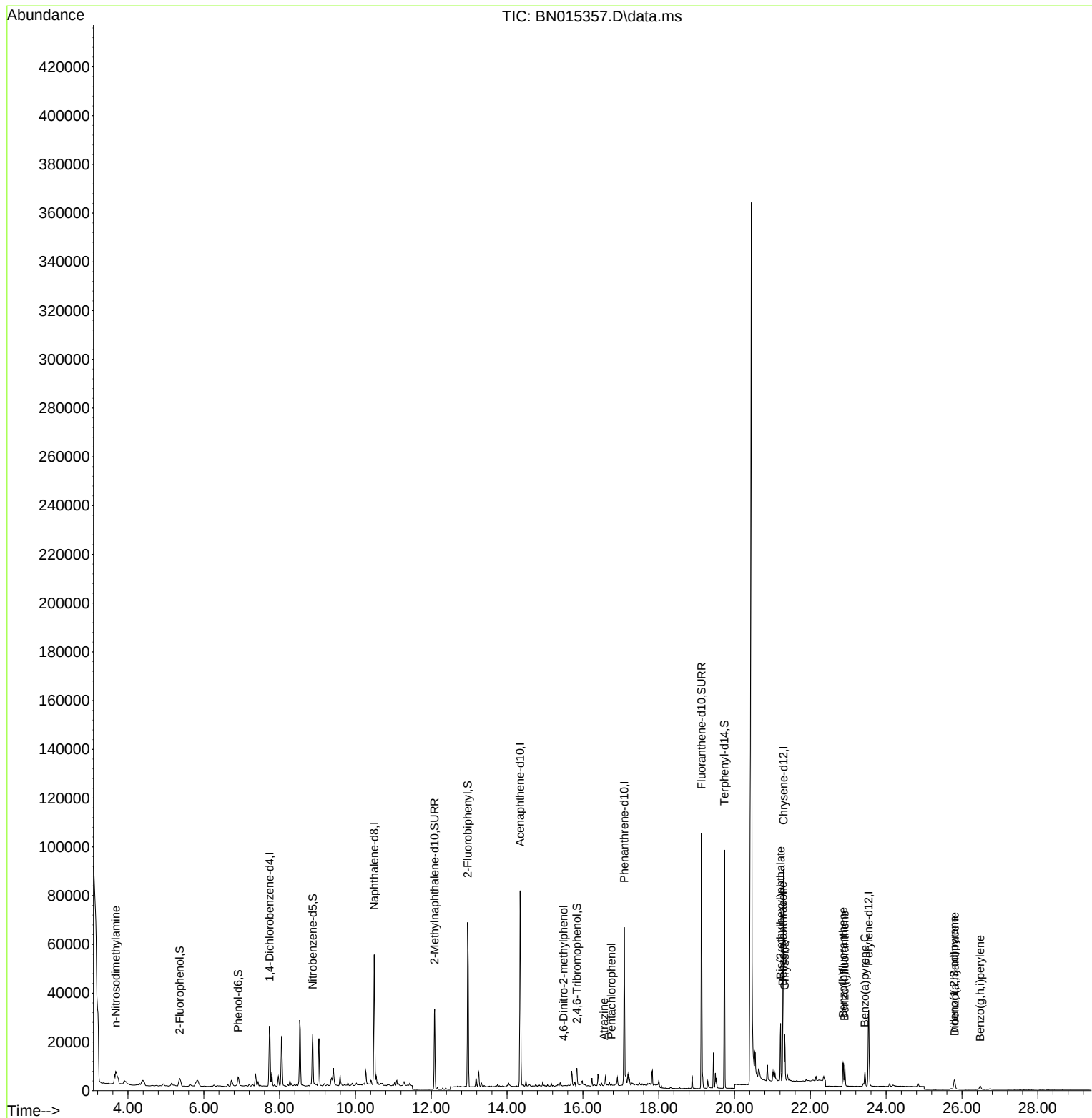
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15099	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	70069	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	41342	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	83534	0.40	ng	0.00
29) Chrysene-d12	21.291	240	75704	0.40	ng	#-0.01
35) Perylene-d12	23.536	264	41512	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	5713	0.15	ng	0.00
5) Phenol-d6	6.905	99	4106	0.08	ng	0.00
8) Nitrobenzene-d5	8.873	82	18323	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	43542	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	6173	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	60681	0.36	ng	0.00
27) Fluoranthene-d10	19.127	212	116145	0.47	ng	0.00
31) Terphenyl-d14	19.733	244	91791	0.52	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.677	42	1325	0.10	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.487	198	115	0.27	ng	# 81
23) Atrazine	16.555	200	105	0.18	ng	# 42
24) Pentachlorophenol	16.750	266	367	0.28	ng	94
32) Benzo(a)anthracene	21.270	228	14671	0.06	ng	99
33) Chrysene	21.323	228	14865	0.05	ng	99
34) Bis(2-ethylhexyl)phtha...	21.217	149	22788	0.39	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.795	276	4353	0.03	ng	# 89
37) Benzo(b)fluoranthene	22.865	252	11144	0.07	ng	# 81
38) Benzo(k)fluoranthene	22.906	252	10932	0.06	ng	# 90
39) Benzo(a)pyrene	23.440	252	6746	0.05	ng	# 59
40) Dibenzo(a,h)anthracene	25.809	278	4037	0.03	ng	# 84
41) Benzo(g,h,i)perylene	26.479	276	2882	0.02	ng	# 75

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

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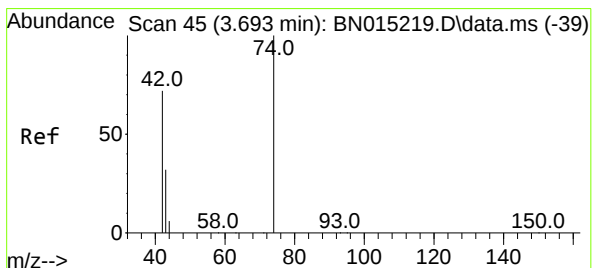
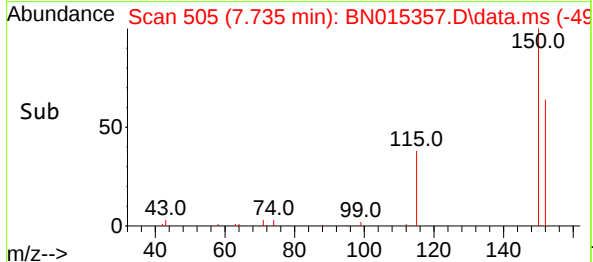
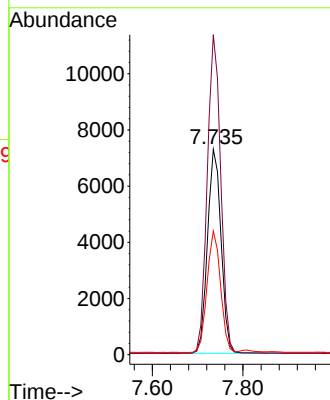
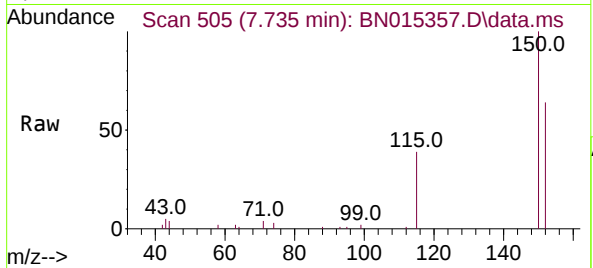




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.735 min Scan# 505
Delta R.T. 0.003 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

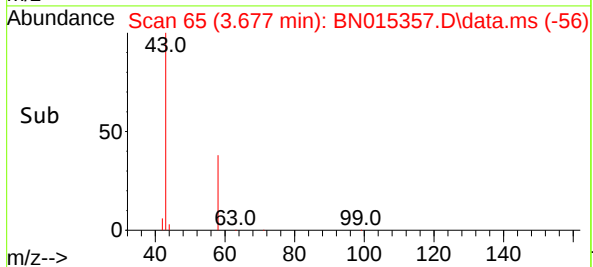
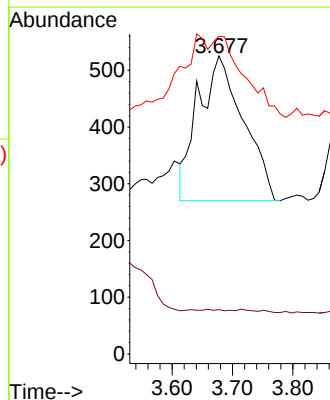
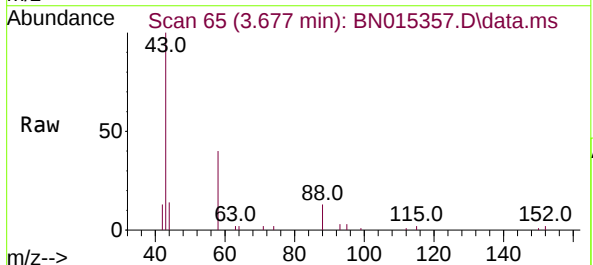
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 15099
Ion Ratio Lower Upper
152 100
150 155.7 119.0 178.6
115 60.2 62.2 93.4#



#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.677 min Scan# 65
Delta R.T. -0.016 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Tgt Ion: 42 Resp: 1325
Ion Ratio Lower Upper
42 100
74 0.0 149.5 224.3#
44 0.0 4.2 6.2#

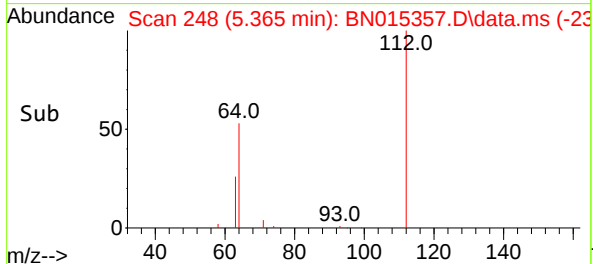
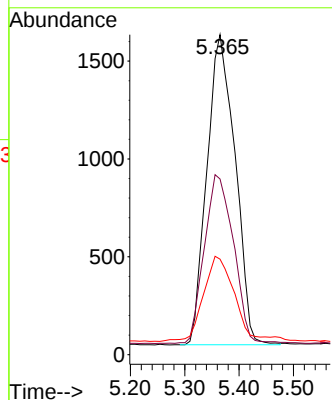
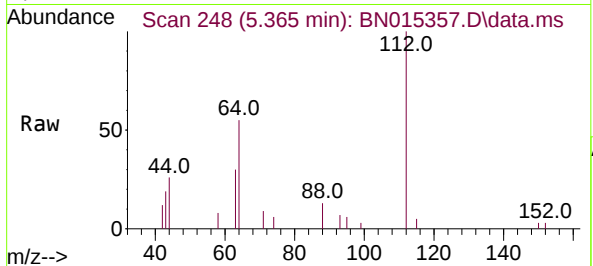




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

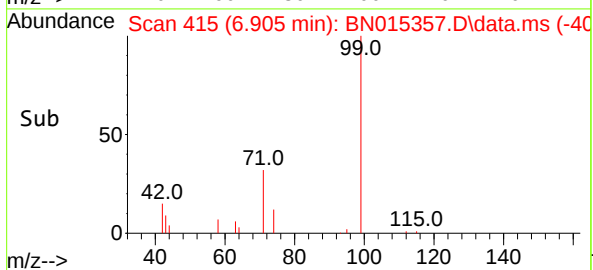
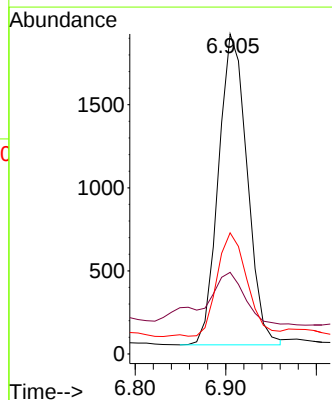
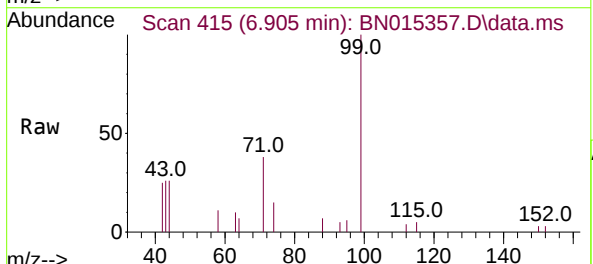
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 5713
Ion Ratio Lower Upper
112 100
64 56.0 39.0 58.6
63 28.2 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Tgt Ion: 99 Resp: 4106
Ion Ratio Lower Upper
99 100
42 23.3 8.9 13.3#
71 35.5 35.6 53.4#

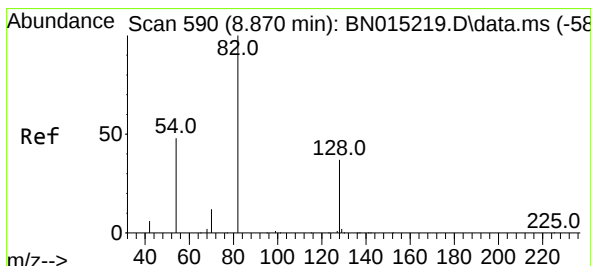
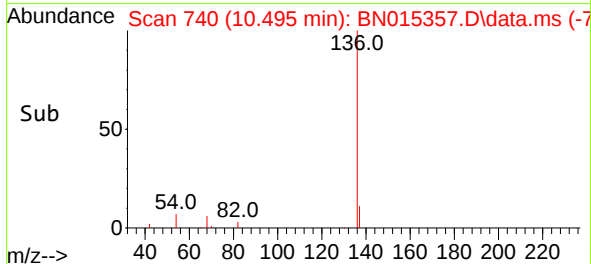
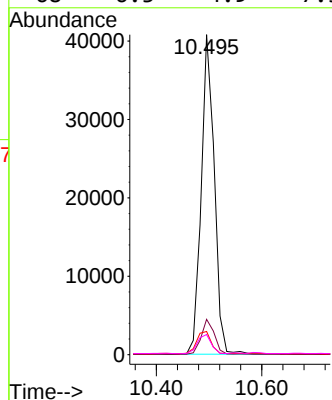
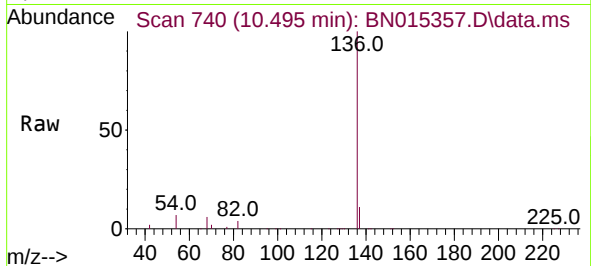




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

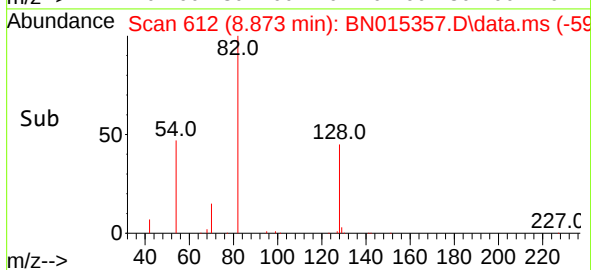
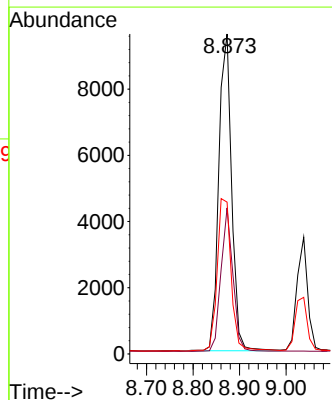
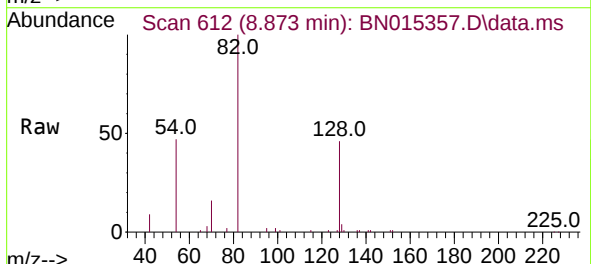
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	70069
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.8	14.8
54	7.3	5.4	8.2
68	6.3	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Tgt Ion:	82	Resp:	18323
Ion Ratio	Lower	Upper	
82	100		
128	45.6	31.6	47.4
54	47.5	29.0	43.4

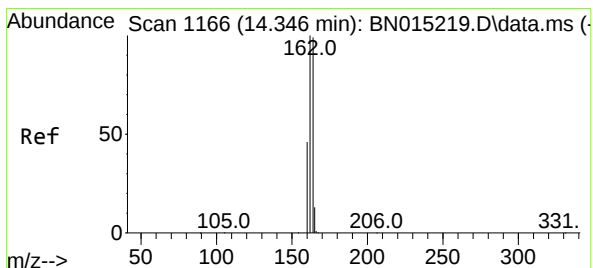
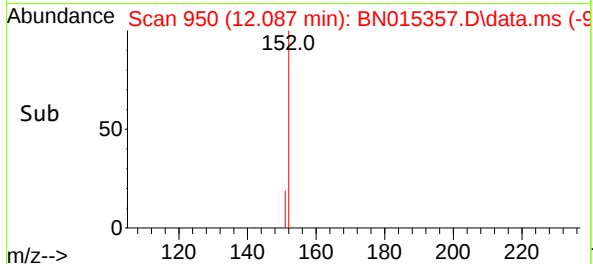
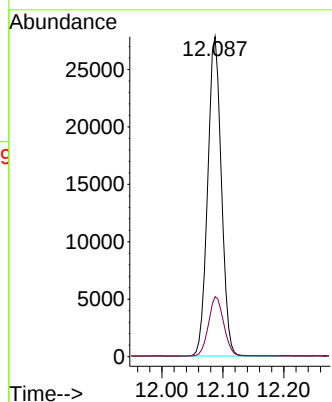
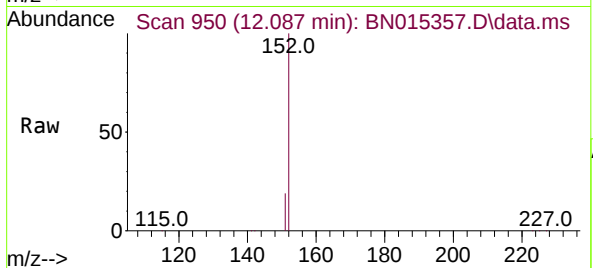




#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

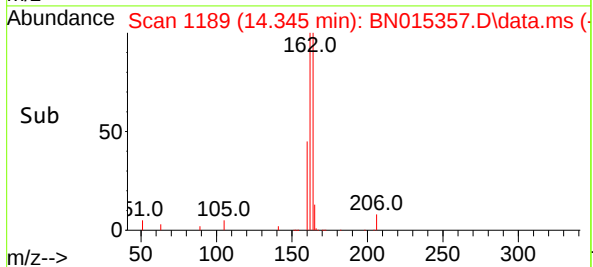
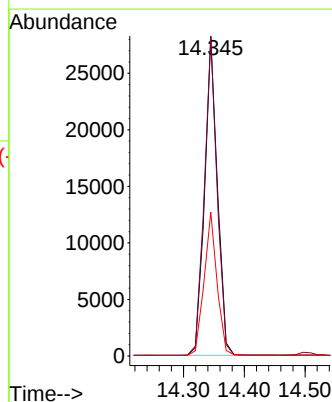
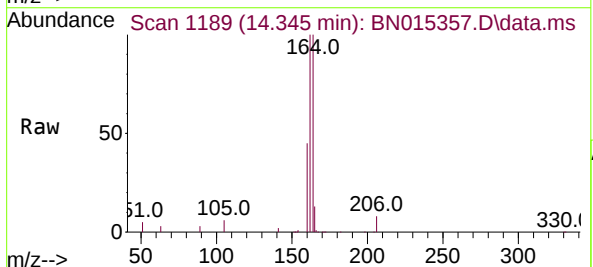
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 43542
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Tgt Ion:164 Resp: 41342
Ion Ratio Lower Upper
164 100
162 100.3 83.8 125.6
160 45.1 37.4 56.0

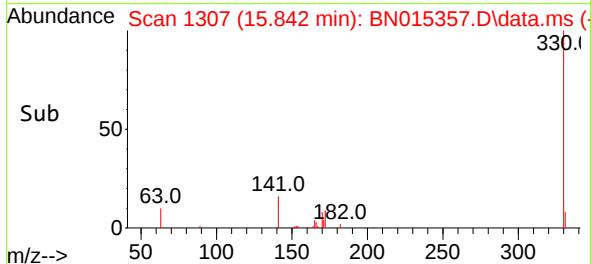
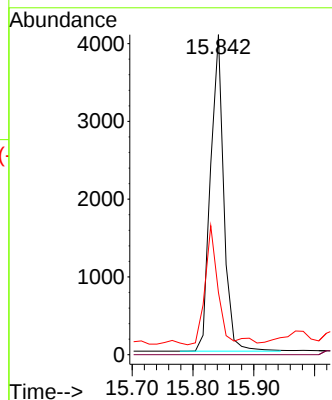
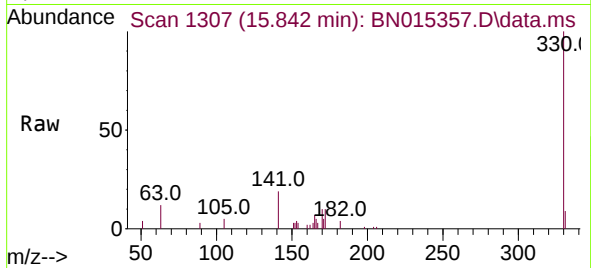




#14
2,4,6-Tribromophenol
Concen: 0.57 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

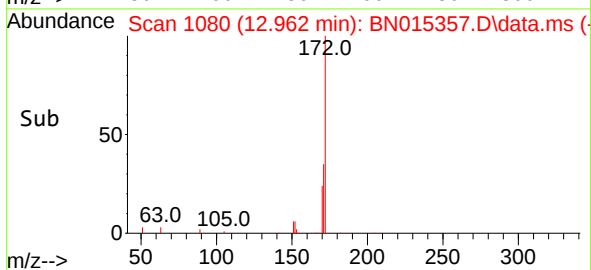
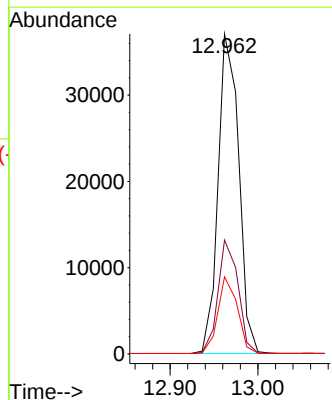
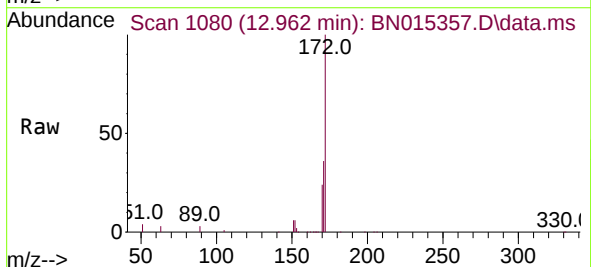
Instrument :
BNA_N
ClientSampleId :

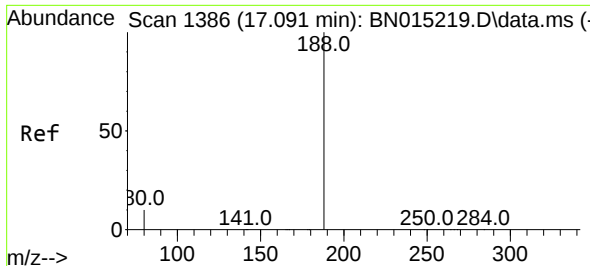
Tgt Ion: 330 Resp: 6173
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.0 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Tgt Ion: 172 Resp: 60681
Ion Ratio Lower Upper
172 100
171 35.6 30.6 45.8
170 24.1 20.2 30.4

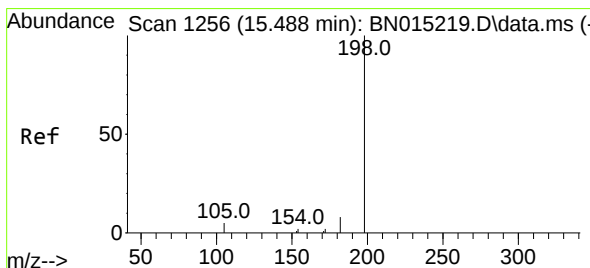
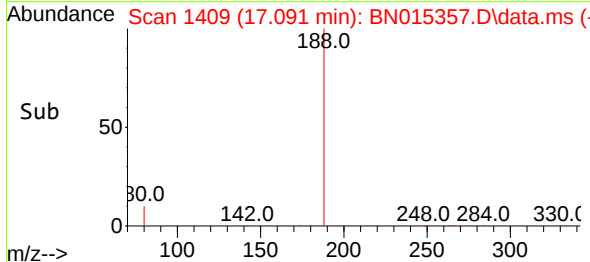
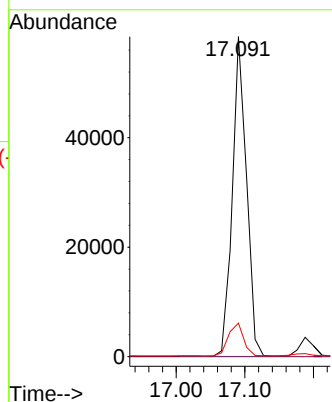
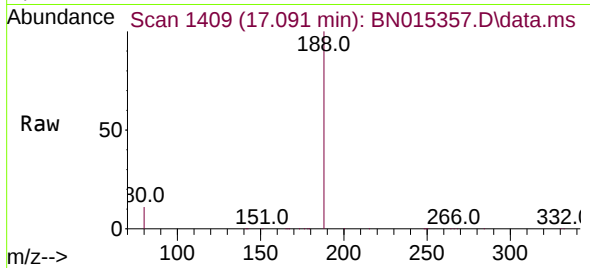




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

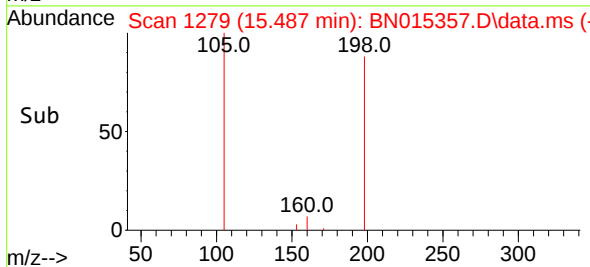
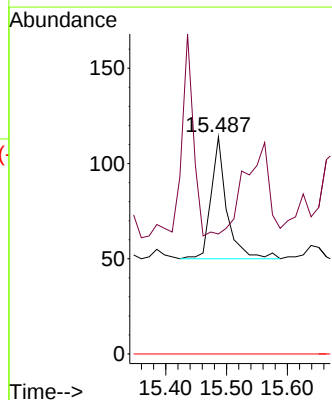
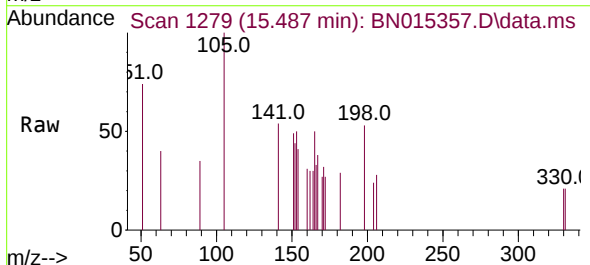
Instrument :
BNA_N
ClientSampleId :

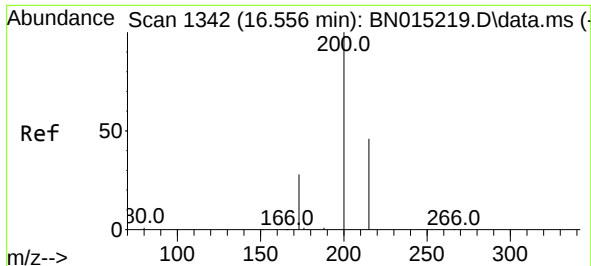
Tgt Ion:188 Resp: 83534
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.27 ng
RT: 15.487 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Tgt Ion:198 Resp: 115
Ion Ratio Lower Upper
198 100
182 55.3 34.5 51.7#
77 0.0 0.0 0.0

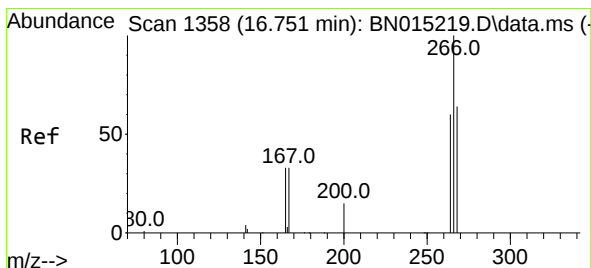
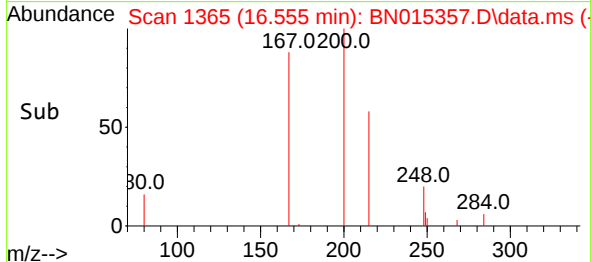
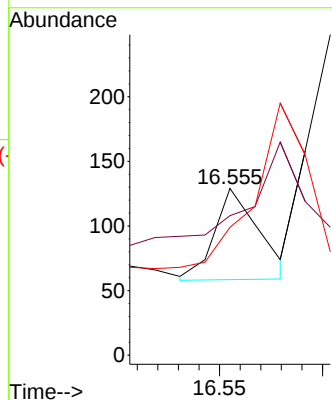
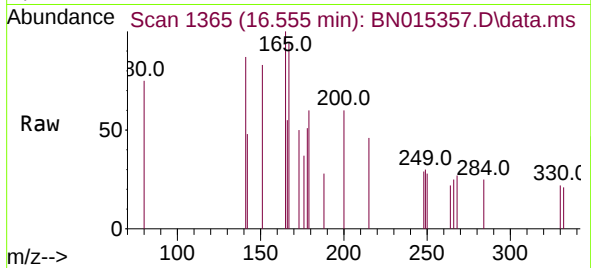




#23
Atrazine
Concen: 0.18 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

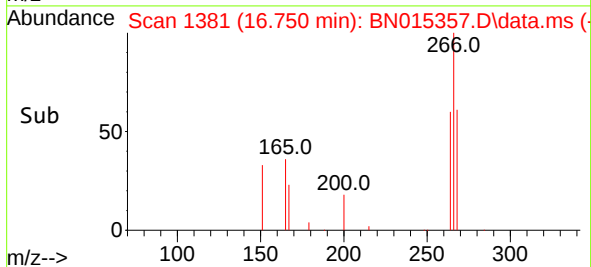
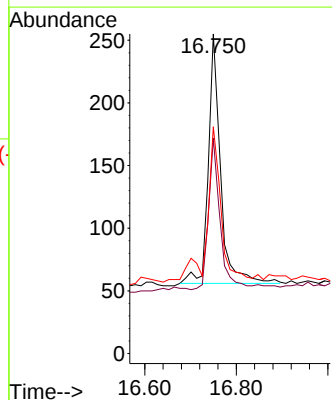
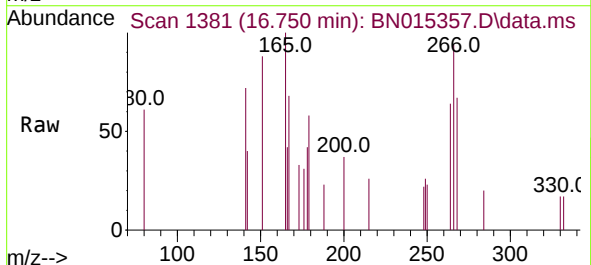
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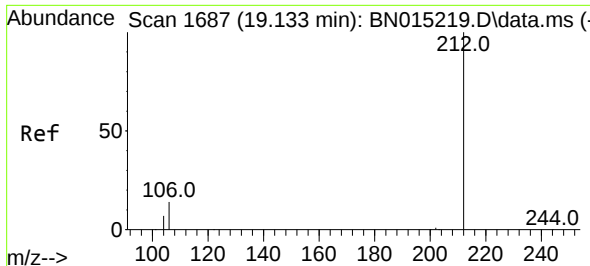
Tgt Ion:200 Resp: 105
Ion Ratio Lower Upper
200 100
173 83.7 21.7 32.5#
215 76.7 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.28 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Tgt Ion:266 Resp: 367
Ion Ratio Lower Upper
266 100
264 57.5 51.0 76.4
268 65.7 50.6 76.0

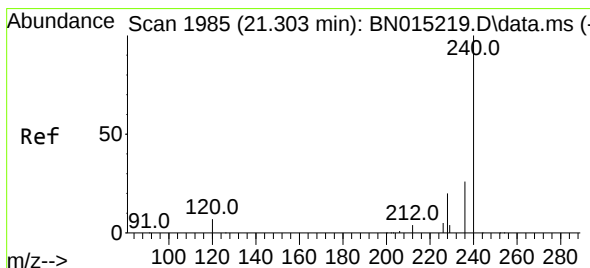
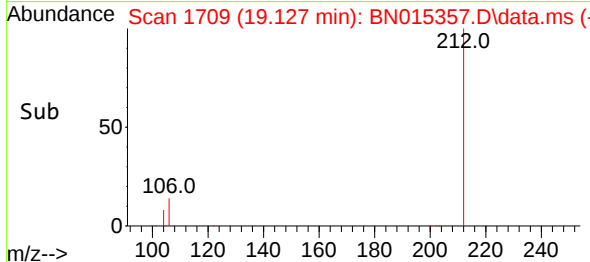
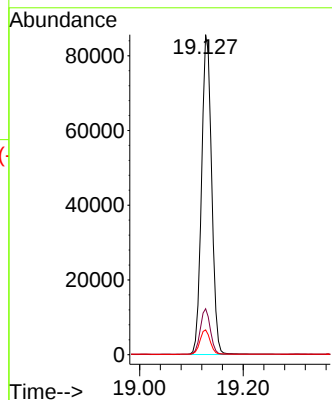
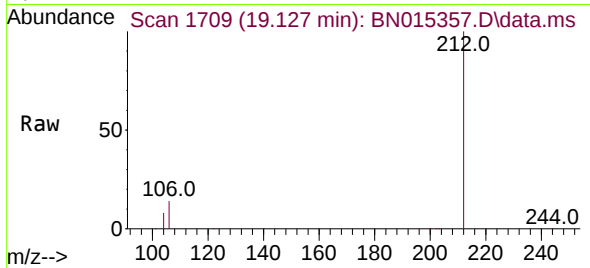




#27
Fluoranthene-d10
Concen: 0.47 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

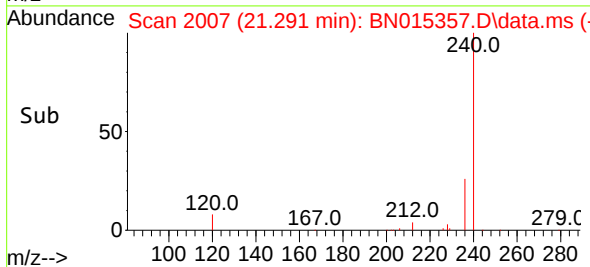
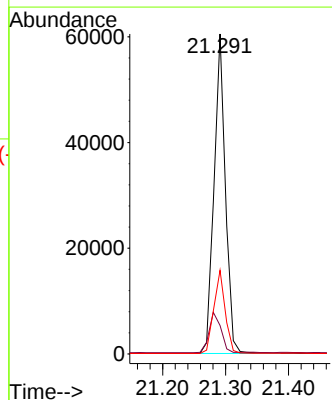
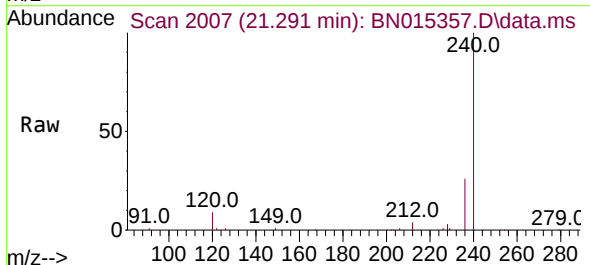
Instrument :
BNA_N
ClientSampleId :

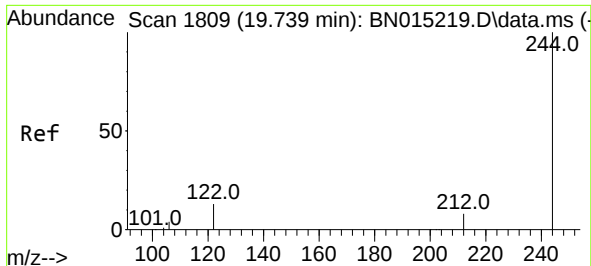
Tgt Ion:212 Resp: 116145
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 7.8 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Tgt Ion:240 Resp: 75704
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.4#
236 26.2 21.4 32.2

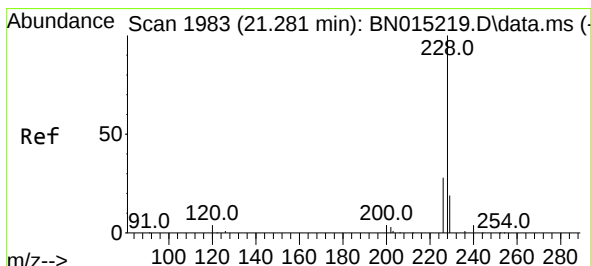
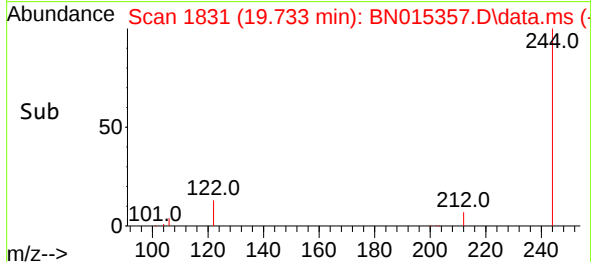
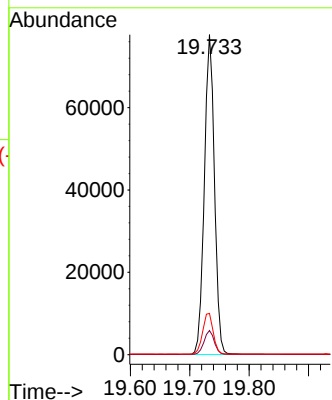
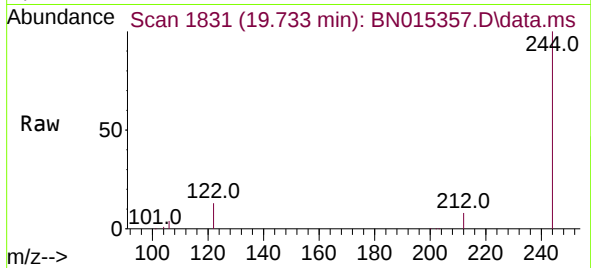




#31
Terphenyl-d14
Concen: 0.52 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

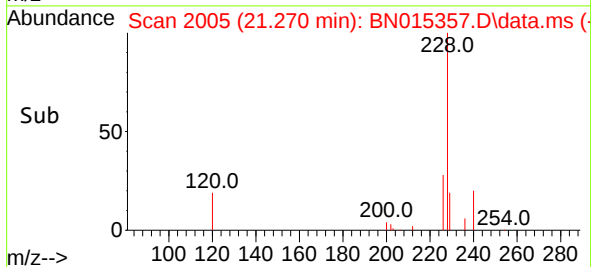
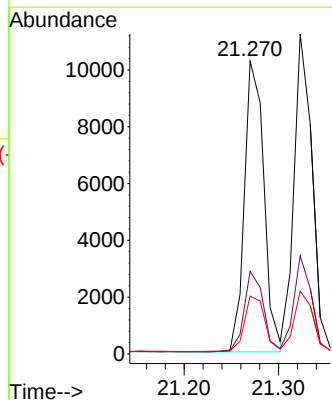
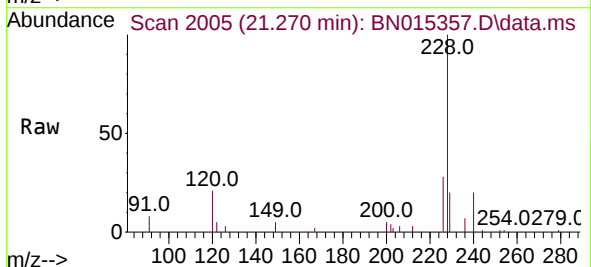
Instrument :
BNA_N
ClientSampleId :

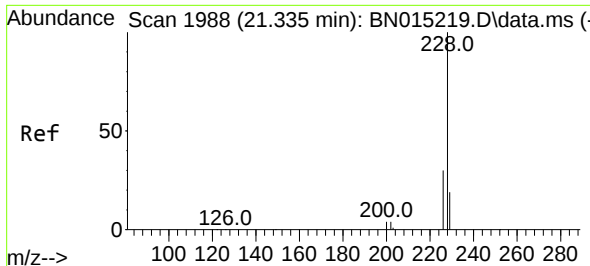
Tgt Ion:244 Resp: 91791
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 12.9 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.06 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Tgt Ion:228 Resp: 14671
Ion Ratio Lower Upper
228 100
226 28.2 23.0 34.6
229 19.8 15.7 23.5

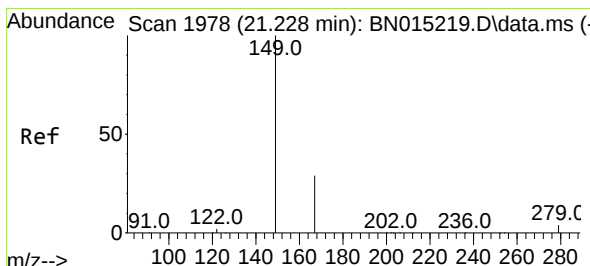
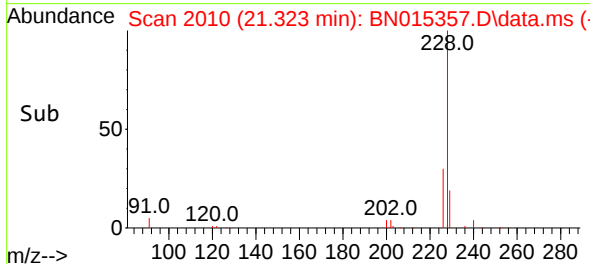
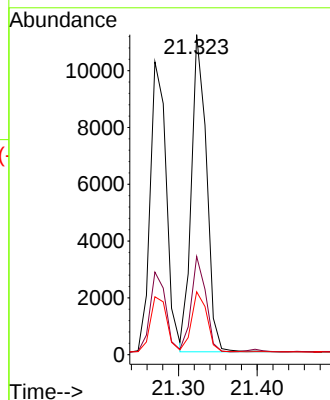
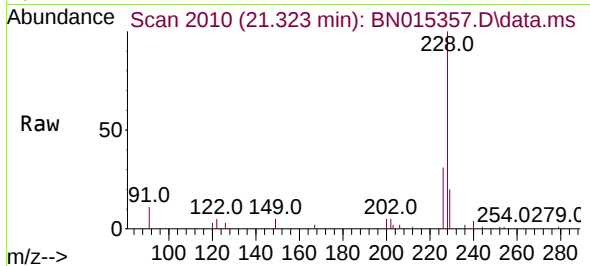




#33
Chrysene
Concen: 0.05 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

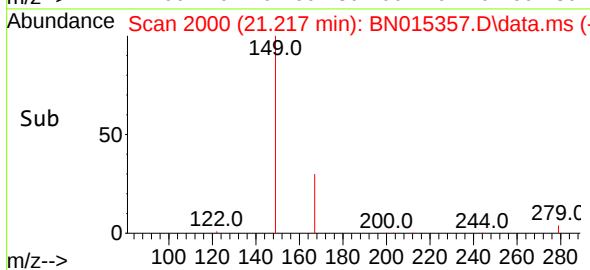
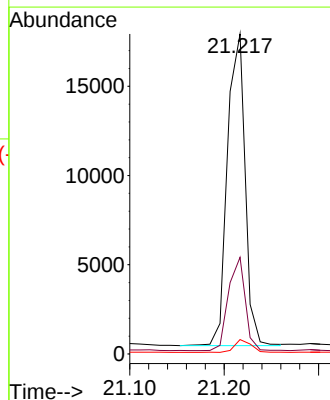
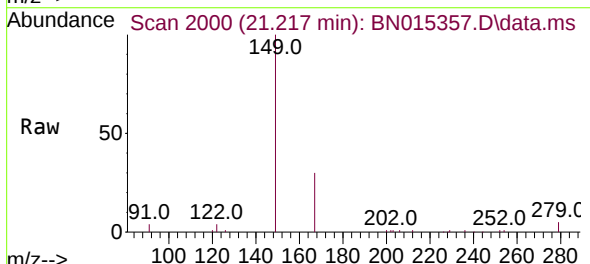
Instrument :
BNA_N
ClientSampleId :

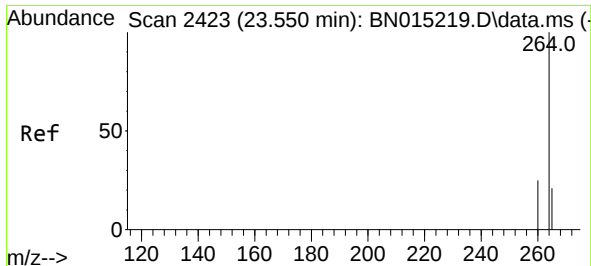
Tgt Ion:	228	Resp:	14865
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	19.7	15.9	23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

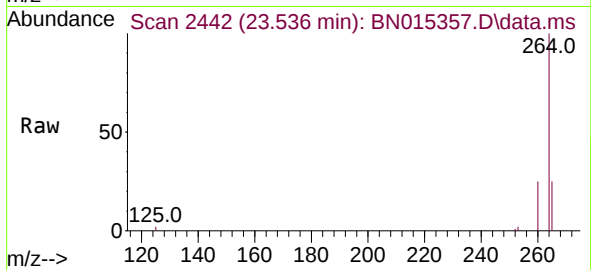
Tgt Ion:	149	Resp:	22788
Ion Ratio	Lower	Upper	
149	100		
167	28.4	28.9	43.3#
279	3.8	4.9	7.3#





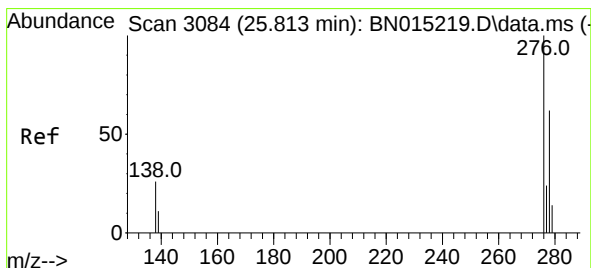
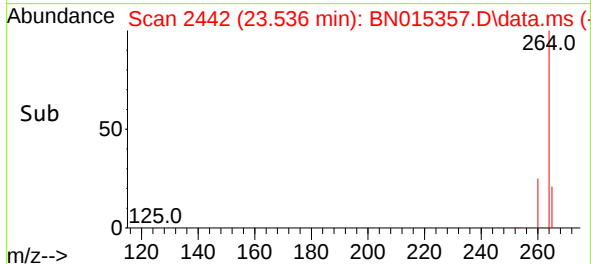
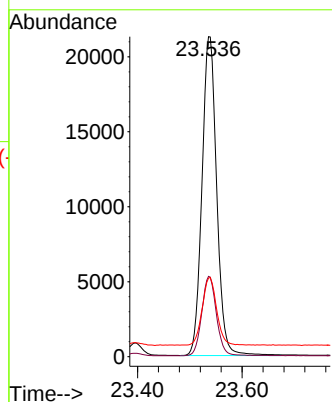
#35
Perylene-d12
Concen: 0.40 ng
RT: 23.536 min Scan# 2442
Delta R.T. -0.014 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Instrument :
BNA_N
ClientSampled :



Tgt Ion:264 Resp: 41512

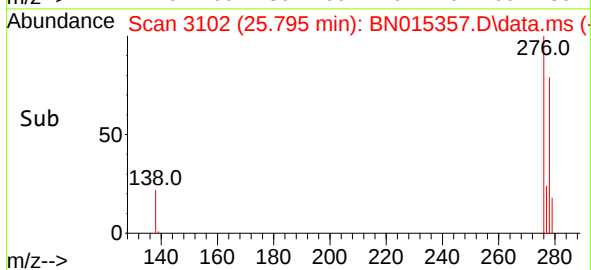
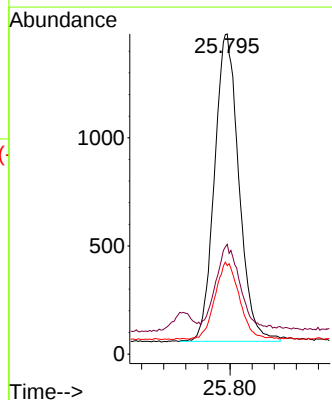
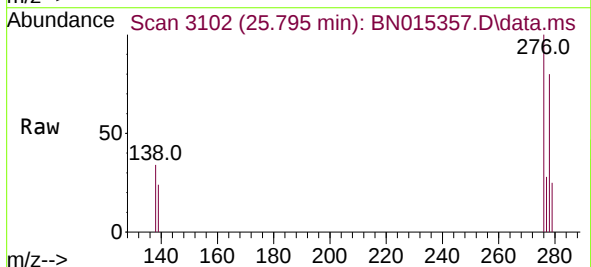
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	31.0
265	24.5	21.4	32.2

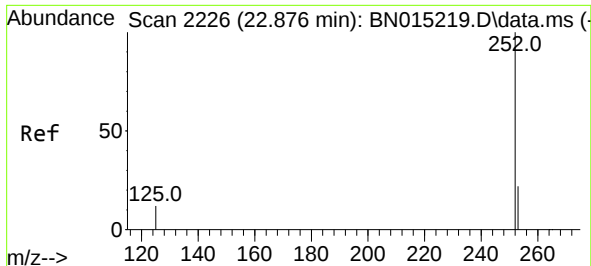


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.795 min Scan# 3102
Delta R.T. -0.018 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Tgt Ion:276 Resp: 4353

Ion	Ratio	Lower	Upper
276	100		
138	25.2	10.0	15.0#
277	24.9	20.4	30.6

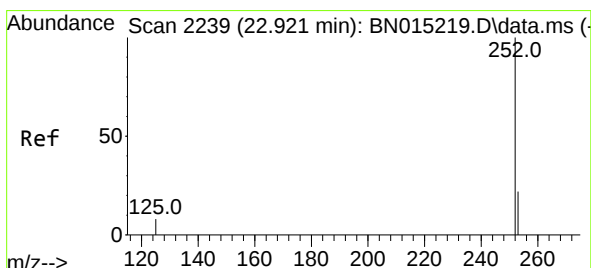
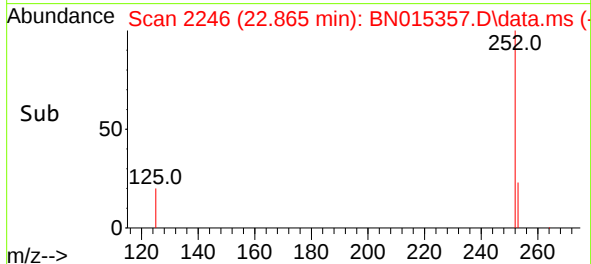
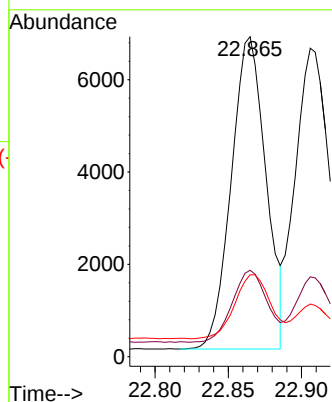
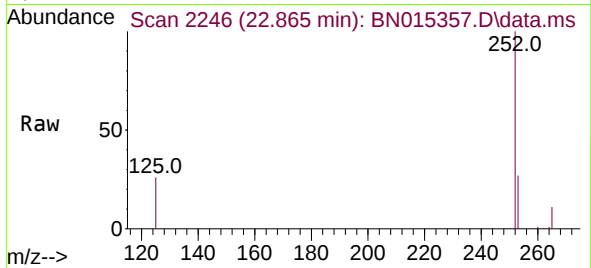




#37
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 22.865 min Scan# 2246
Delta R.T. -0.011 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

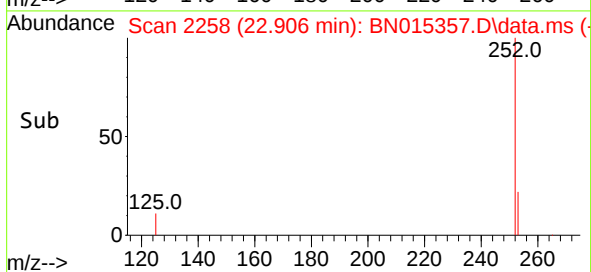
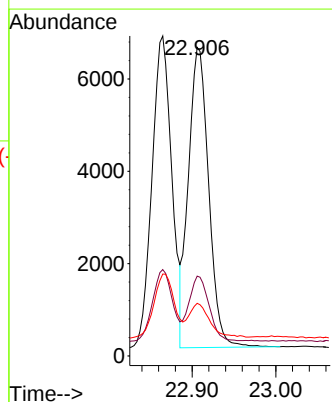
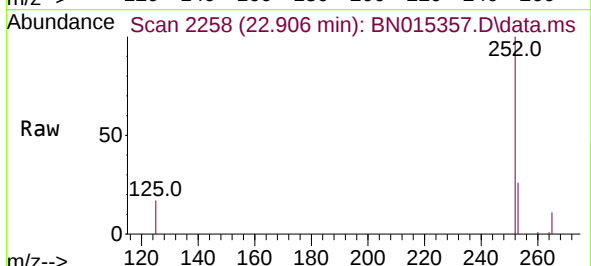
Instrument :
BNA_N
ClientSampleId :

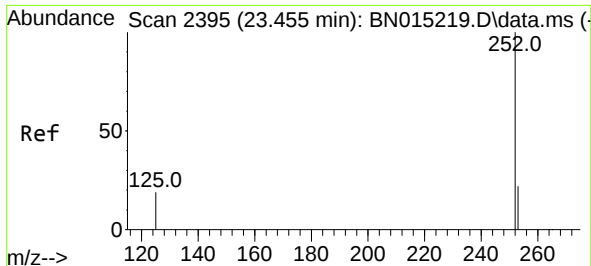
Tgt Ion:252 Resp: 11144
Ion Ratio Lower Upper
252 100
253 27.0 18.5 27.7
125 25.6 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 22.906 min Scan# 2258
Delta R.T. -0.015 min
Lab File: BN015357.D
Acq: 07 Jul 2021 03:39

Tgt Ion:252 Resp: 10932
Ion Ratio Lower Upper
252 100
253 25.9 19.1 28.7
125 17.1 5.4 8.0#





#39

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.440 min Scan# 2414

Delta R.T. -0.015 min

Lab File: BN015357.D

Acq: 07 Jul 2021 03:39

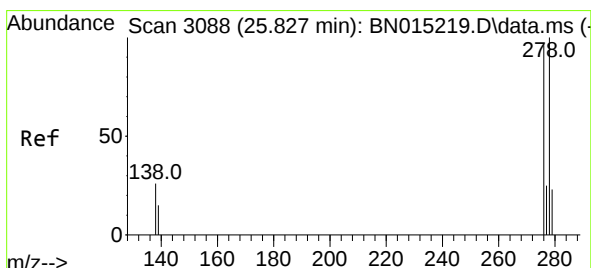
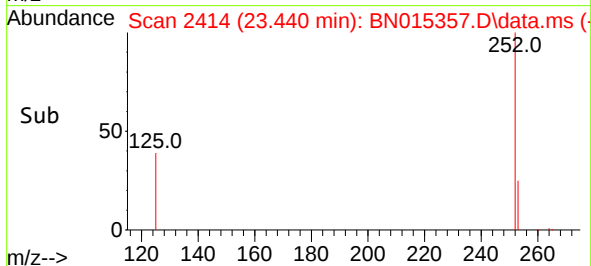
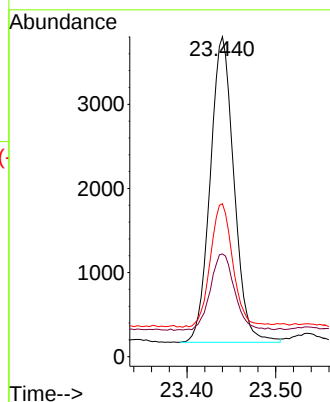
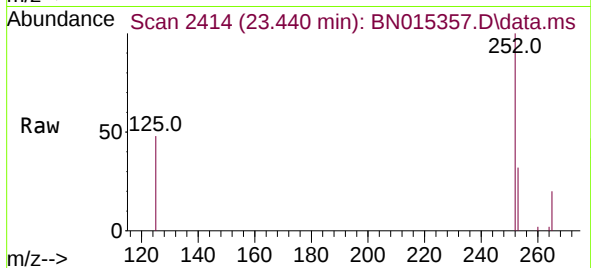
Tgt Ion:252 Resp: 6746

Ion Ratio Lower Upper

252 100

253 32.1 19.4 29.2#

125 47.8 7.4 11.2#



#40

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 25.809 min Scan# 3106

Delta R.T. -0.018 min

Lab File: BN015357.D

Acq: 07 Jul 2021 03:39

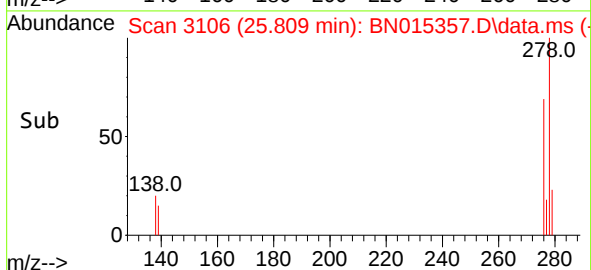
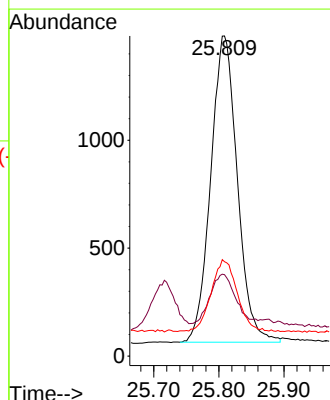
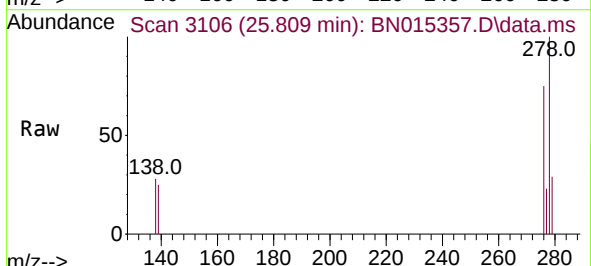
Tgt Ion:278 Resp: 4037

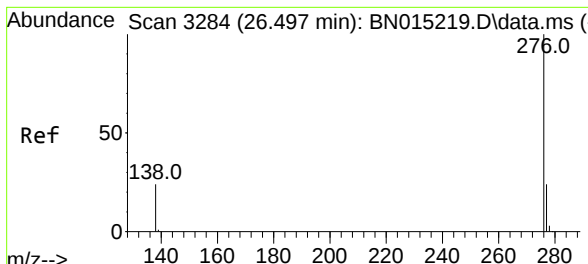
Ion Ratio Lower Upper

278 100

139 25.4 9.0 13.4#

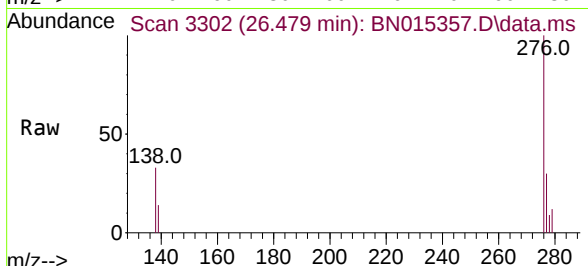
279 29.5 21.0 31.4





#41
 Benzo(g,h,i)perylene
 Concen: 0.02 ng
 RT: 26.479 min Scan# 3302
 Delta R.T. -0.018 min
 Lab File: BN015357.D
 Acq: 07 Jul 2021 03:39

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 276 Resp: 2882
 Ion Ratio Lower Upper
 276 100
 277 30.2 19.7 29.5#
 138 32.6 9.8 14.6#

