

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
 Data File : BN014314.D
 Acq On : 16 Apr 2021 17:48
 Operator : CG/JU
 Sample : PB135597BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

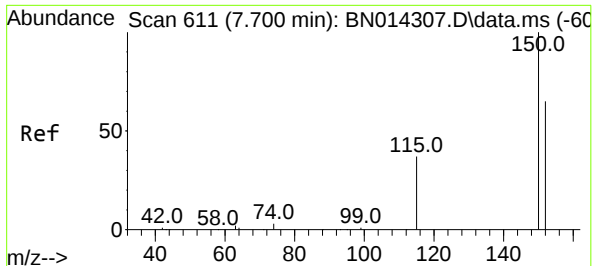
Instrument :
 BNA_N
 ClientSampleId :
 PB135597BL

Quant Time: Apr 17 02:52:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 16:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	7012	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	25435	0.40	ng	#-0.01
13) Acenaphthene-d10	14.333	164	12842	0.40	ng	0.00
19) Phenanthrene-d10	17.080	188	26149	0.40	ng	# 0.01
29) Chrysene-d12	21.271	240	23425	0.40	ng	# 0.00
36) Perylene-d12	23.503	264	14052	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6669	0.43	ng	0.00
5) Phenol-d6	6.871	99	7755	0.40	ng	0.00
8) Nitrobenzene-d5	8.845	82	6473	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	16343	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1558	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	22284	0.44	ng	0.00
27) Fluoranthene-d10	19.109	212	27843	0.39	ng	0.00
31) Terphenyl-d14	19.715	244	25606	0.52	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.593	42	101	0.02	ng	# 1
32) Benzo(a)anthracene	21.261	228	1297	0.02	ng	# 90
33) Chrysene	21.303	228	2242	0.03	ng	93
34) Bis(2-ethylhexyl)phtha...	21.197	149	493	0.03	ng	# 97
35) Indeno(1,2,3-cd)pyrene	25.745	276	3905	0.04	ng	99
37) Benzo(b)fluoranthene	22.832	252	5225	0.09	ng	# 68
38) Benzo(k)fluoranthene	22.876	252	4195	0.07	ng	# 62
39) Benzo(a)pyrene	23.404	252	1119	0.02	ng	# 1
40) Dibenzo(a,h)anthracene	25.762	278	2795	0.05	ng	# 68
41) Benzo(g,h,i)perylene	26.429	276	3722	0.07	ng	# 89

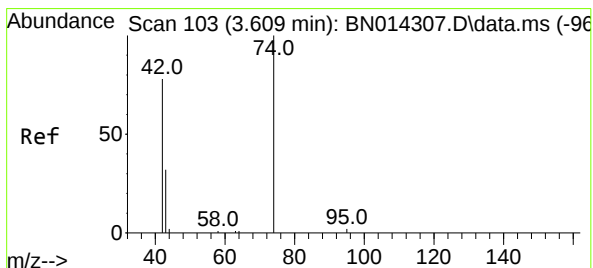
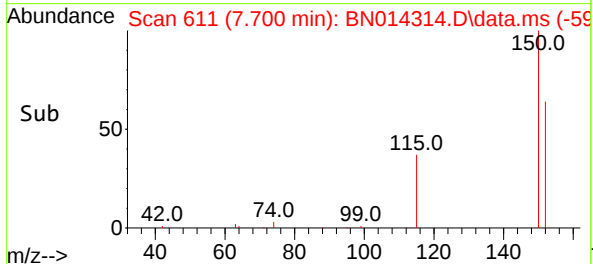
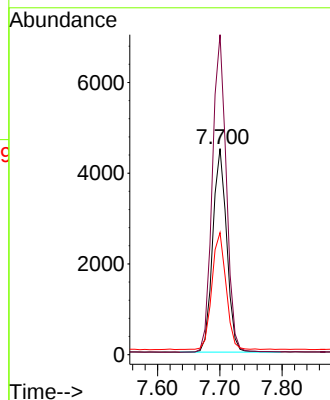
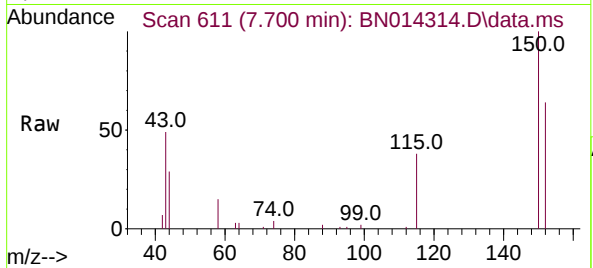
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.700 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

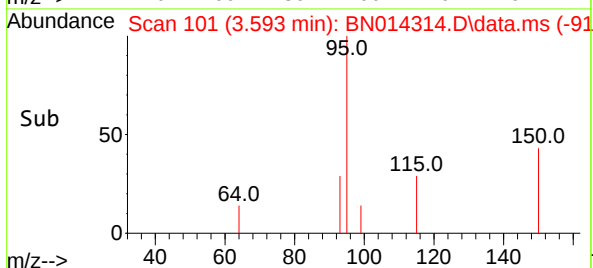
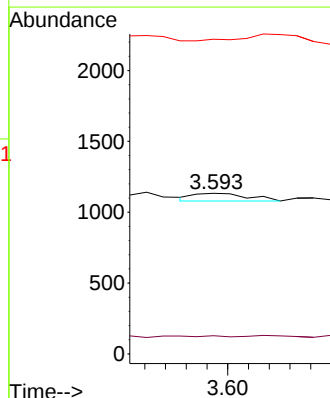
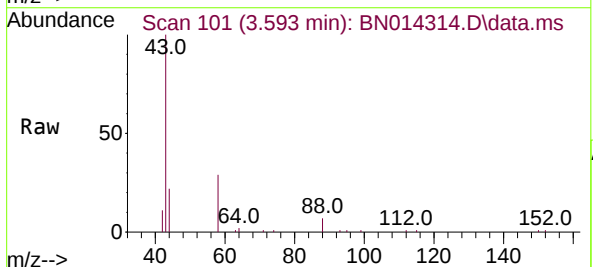
Instrument :
BNA_N
ClientSampleId :
PB135597BL

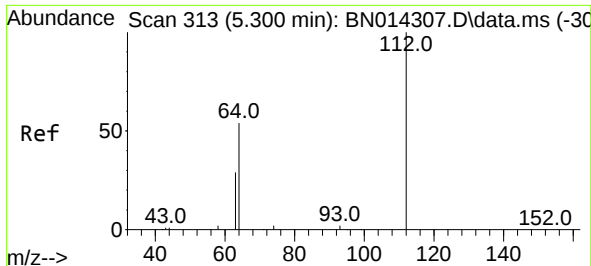
Tgt Ion:152 Resp: 7012
Ion Ratio Lower Upper
152 100
150 155.3 123.0 184.4
115 59.3 47.6 71.4



#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.593 min Scan# 101
Delta R.T. -0.016 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

Tgt Ion: 42 Resp: 101
Ion Ratio Lower Upper
42 100
74 0.0 104.6 157.0#
44 0.0 2.4 3.6#

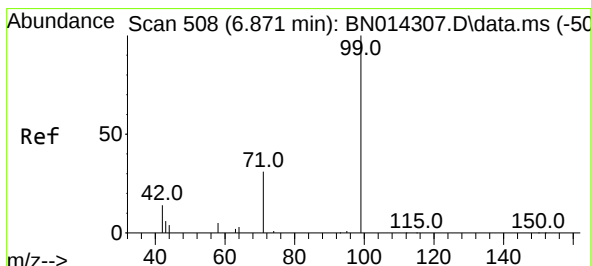
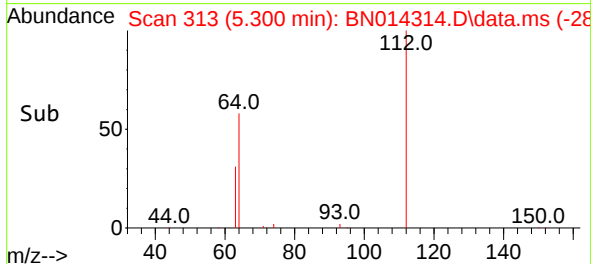
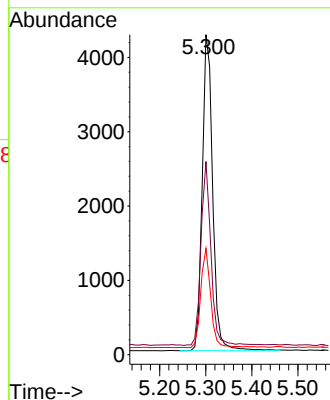
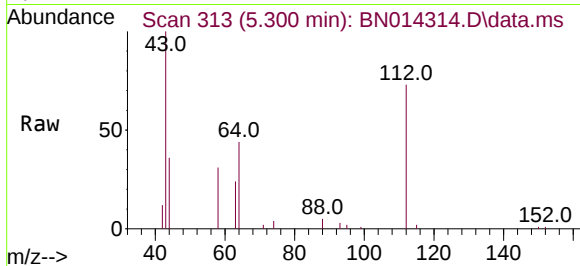




#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

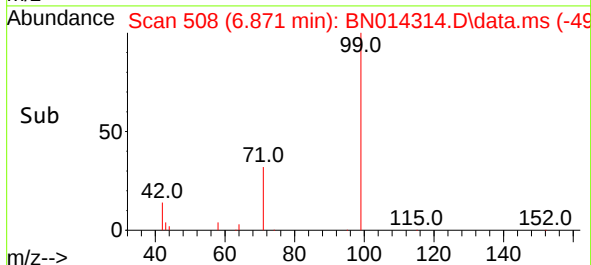
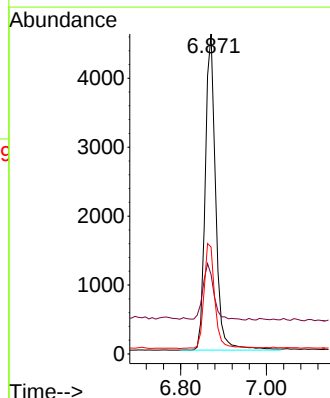
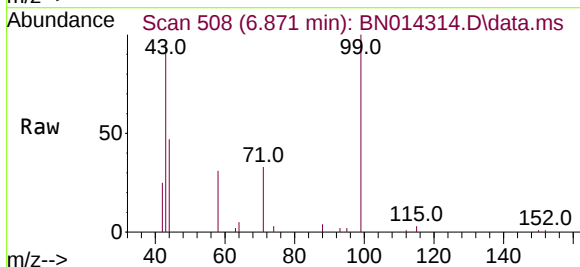
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ClientSampleId :
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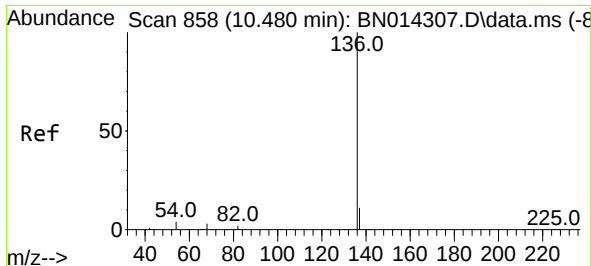
Tgt Ion:	112	Resp:	6669
Ion	Ratio	Lower	Upper
112	100		
64	55.6	43.7	65.5
63	30.5	23.8	35.8



#5
Phenol-d6
Concen: 0.40 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

Tgt Ion:	99	Resp:	7755
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.7	23.5
71	34.9	27.6	41.4

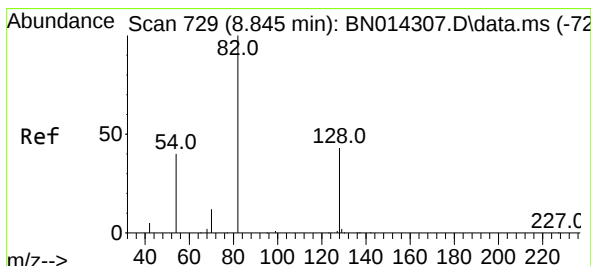
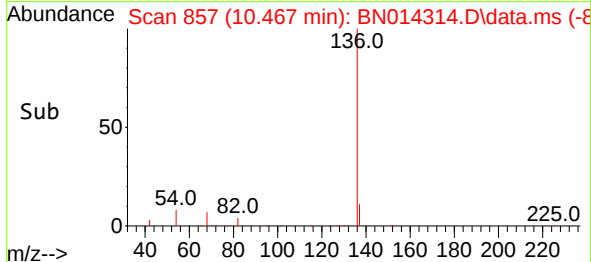
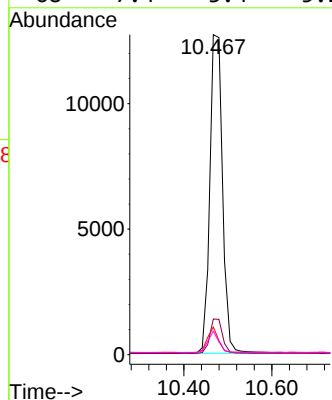
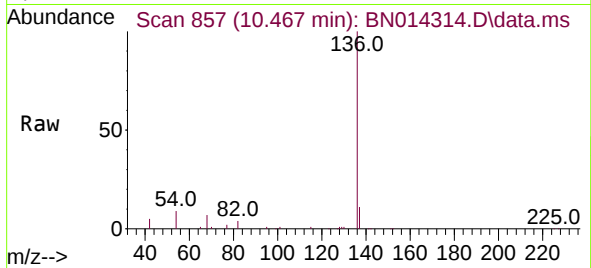




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.013 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

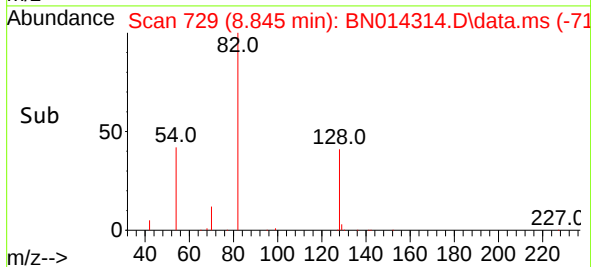
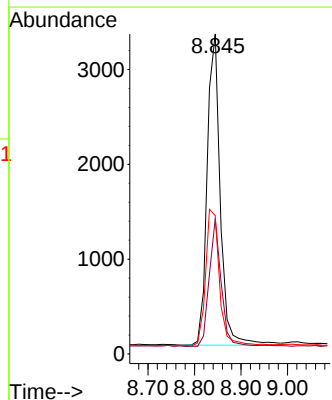
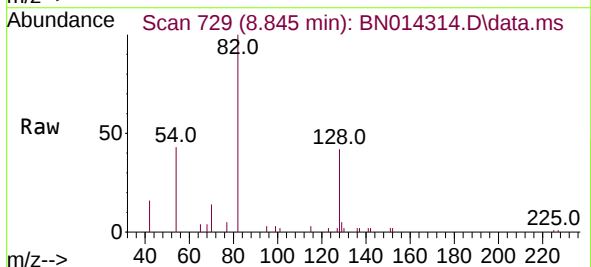
Instrument :
BNA_N
ClientSampleId :
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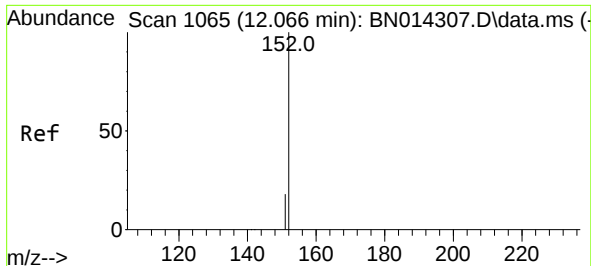
Tgt Ion:	136	Resp:	25435
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	8.7	3.5	5.3#
68	7.4	3.4	5.2#



#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

Tgt Ion:	82	Resp:	6473
Ion Ratio	Lower	Upper	
82	100		
128	42.3	35.3	52.9
54	43.3	33.4	50.2

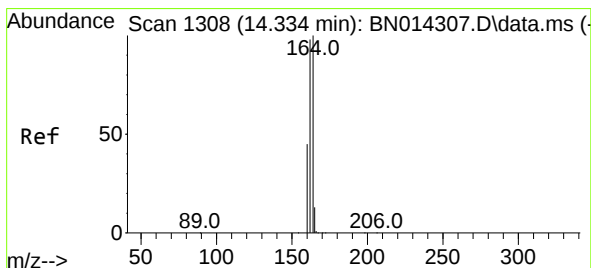
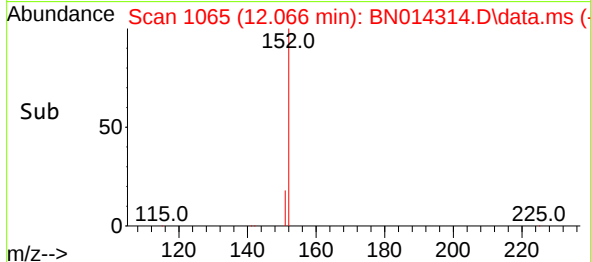
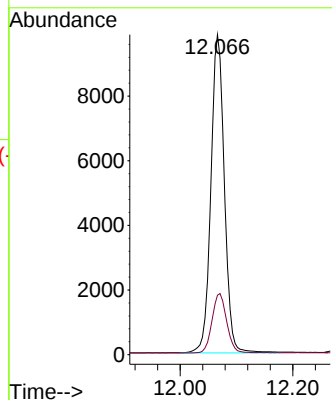
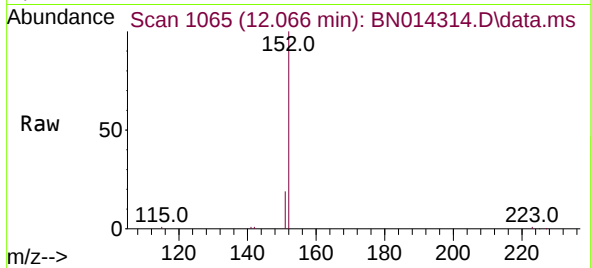




#11
2-Methylnaphthalene-d10
Concen: 0.42 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

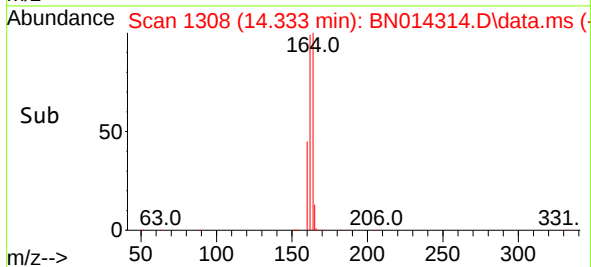
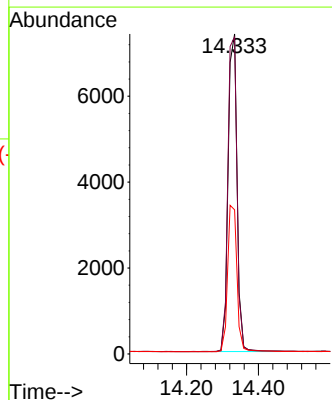
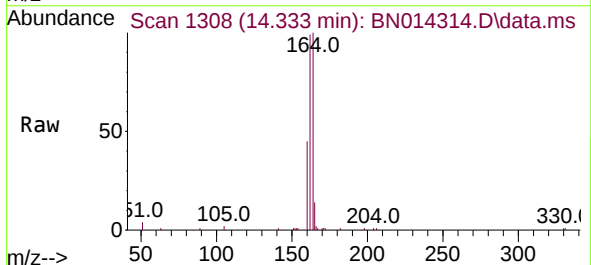
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ClientSampleId :
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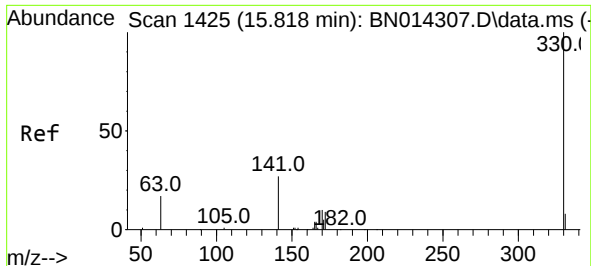
Tgt Ion:152 Resp: 16343
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.333 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

Tgt Ion:164 Resp: 12842
Ion Ratio Lower Upper
164 100
162 99.0 78.6 117.8
160 45.0 36.2 54.4

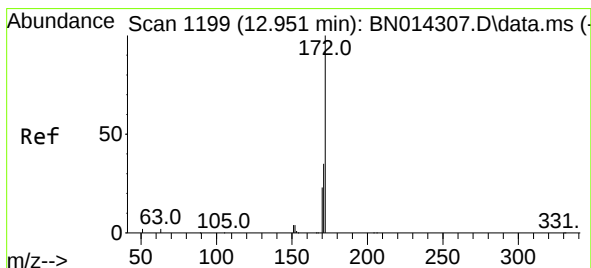
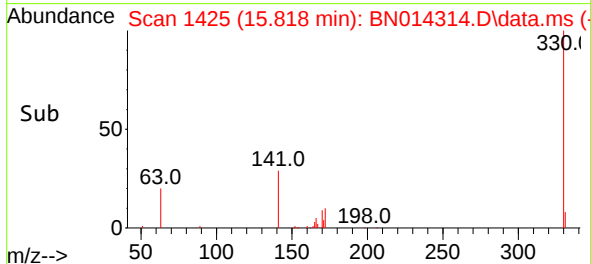
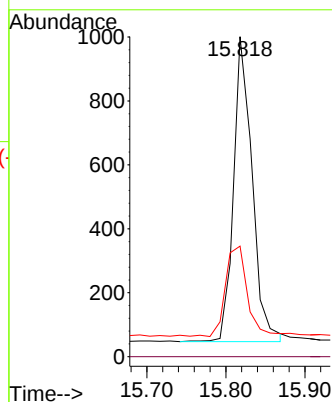
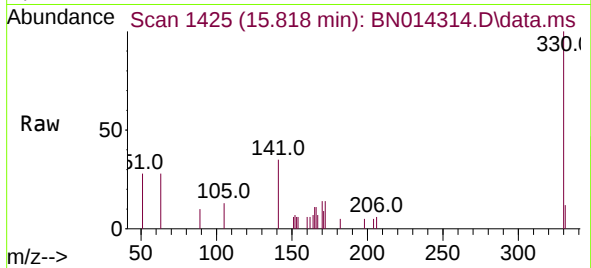




#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

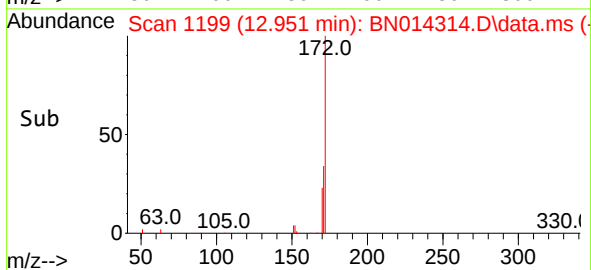
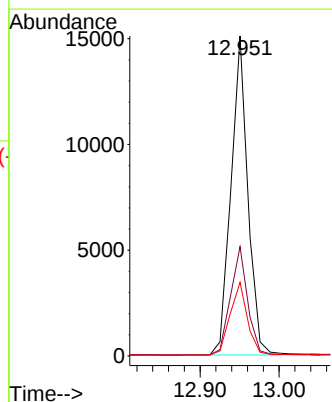
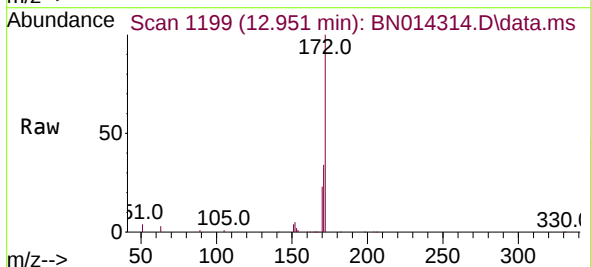
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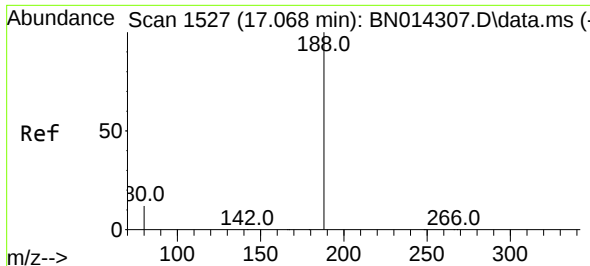
Tgt Ion: 330 Resp: 1558
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.5 28.8 43.2



#15
2-Fluorobiphenyl
Concen: 0.44 ng
RT: 12.951 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

Tgt Ion: 172 Resp: 22284
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.0 18.8 28.2

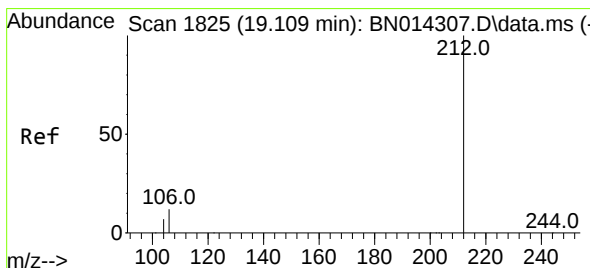
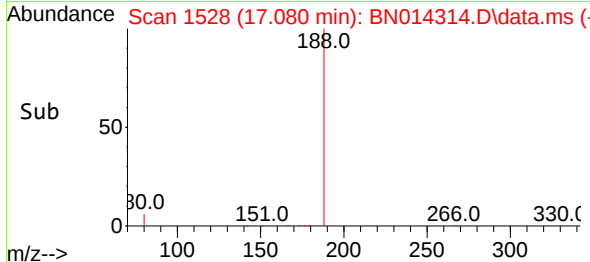
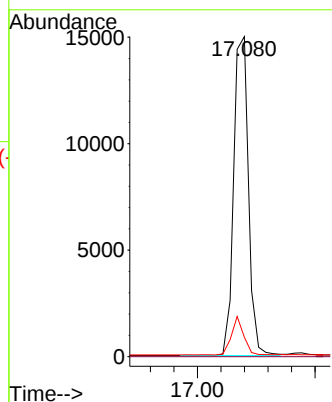
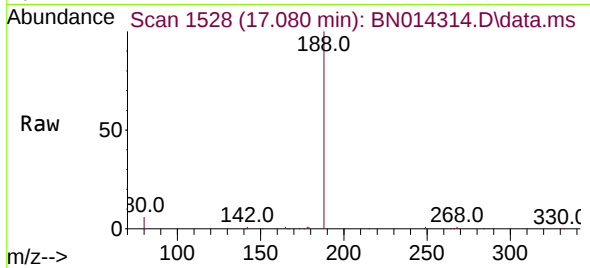




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.080 min Scan# 1528
Delta R.T. 0.012 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

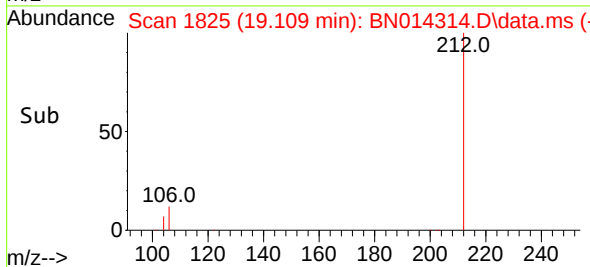
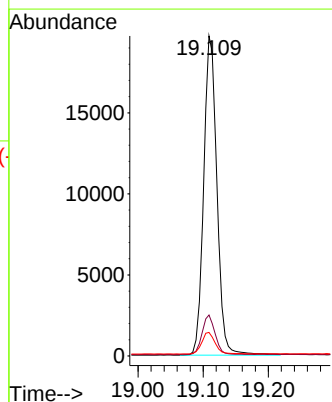
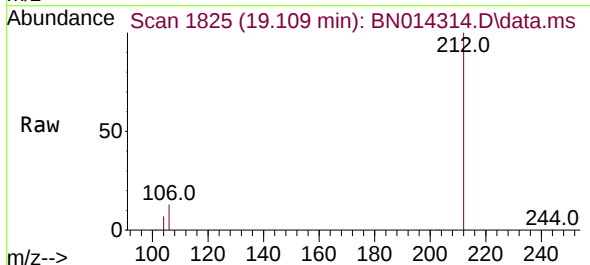
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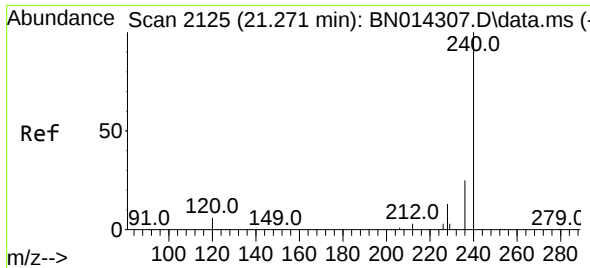
Tgt Ion:188 Resp: 26149
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 10.2 15.4#



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.109 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

Tgt Ion:212 Resp: 27843
Ion Ratio Lower Upper
212 100
106 12.4 9.7 14.5
104 6.8 5.5 8.3

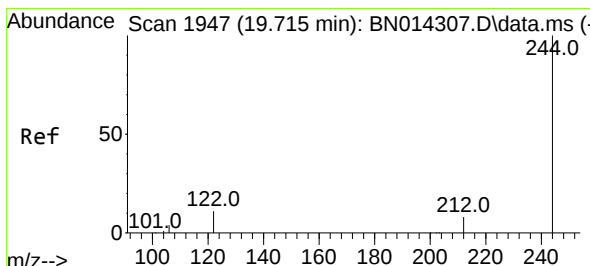
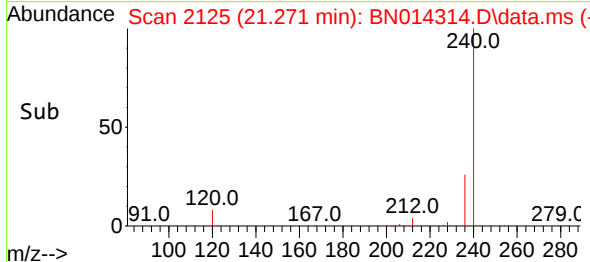
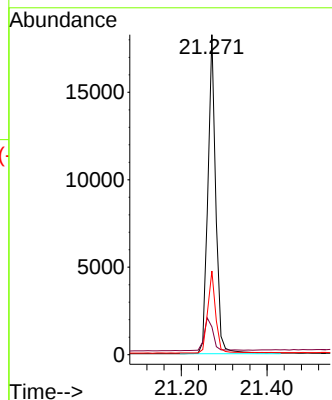
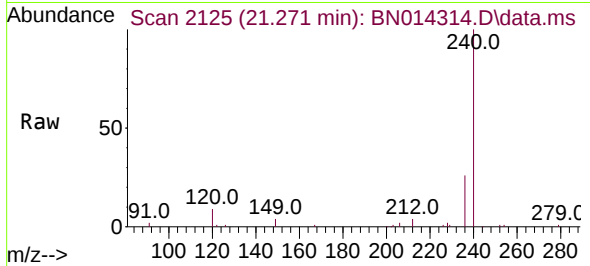




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

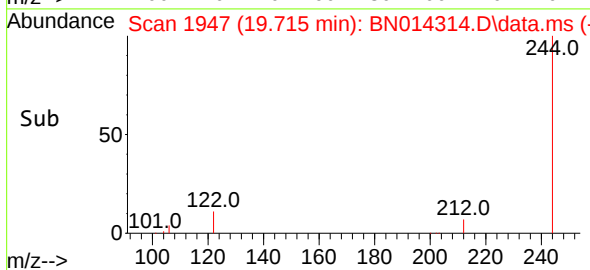
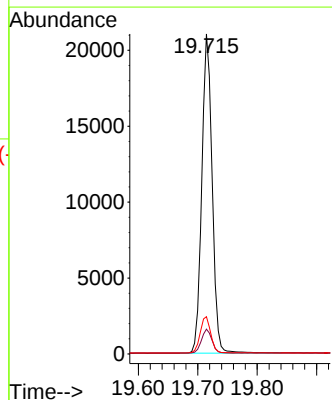
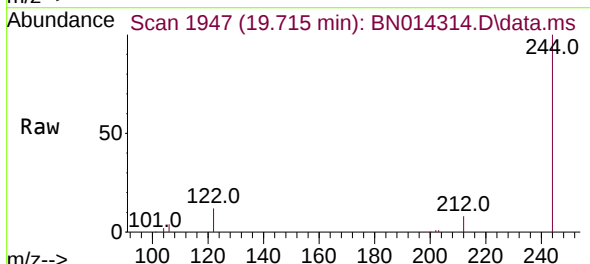
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BNA_N
ClientSampleId :
PB135597BL

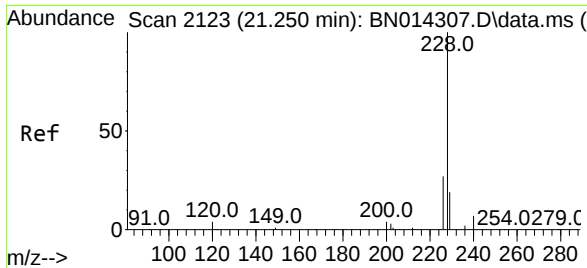
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Ion Ratio Lower Upper
240 100
120 8.7 5.4 8.0#
236 26.2 20.4 30.6



#31
Terphenyl-d14
Concen: 0.52 ng
RT: 19.715 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

Tgt Ion:244 Resp: 25606
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 11.6 9.0 13.6

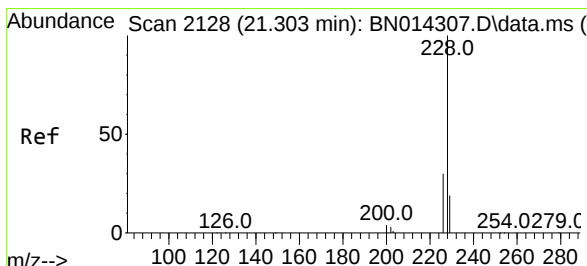
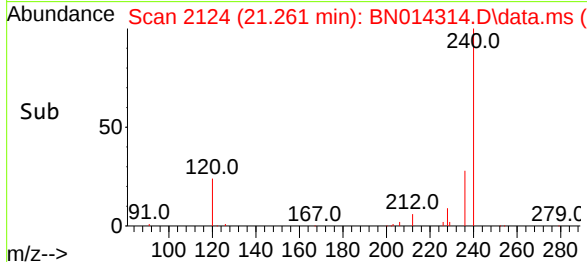
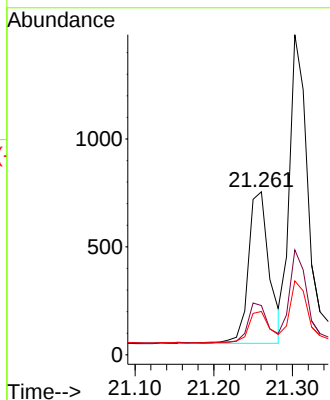
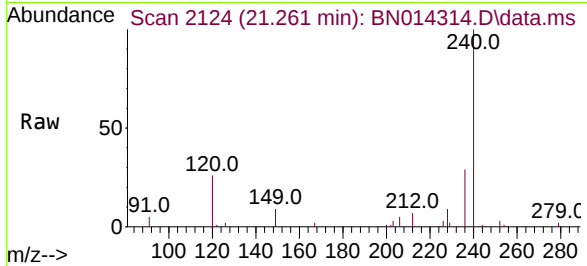




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.261 min Scan# 2124
Delta R.T. 0.011 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

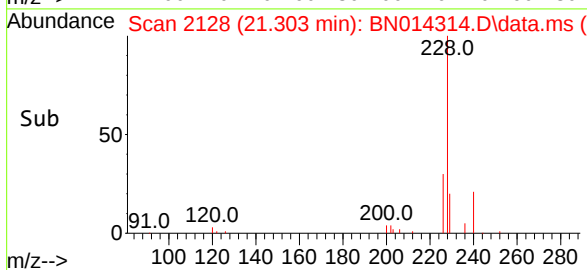
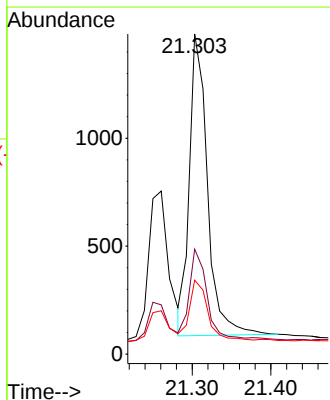
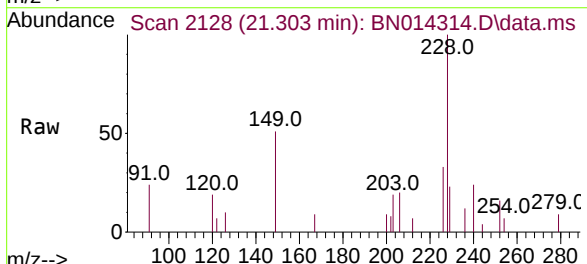
Instrument :
BNA_N
ClientSampleId :
PB135597BL

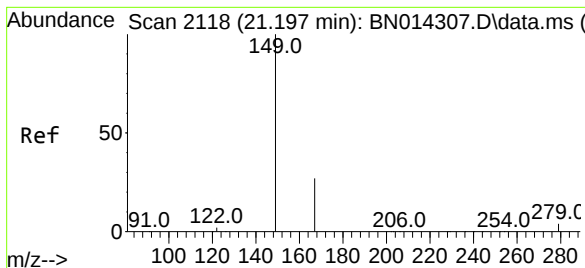
Tgt Ion:228 Resp: 1297
Ion Ratio Lower Upper
228 100
226 30.2 21.7 32.5
229 26.6 15.7 23.5#



#33
Chrysene
Concen: 0.03 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

Tgt Ion:228 Resp: 2242
Ion Ratio Lower Upper
228 100
226 32.8 23.8 35.6
229 23.1 15.6 23.4

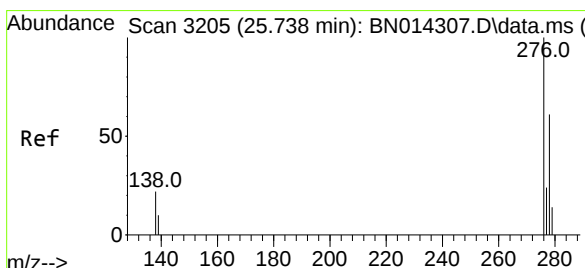
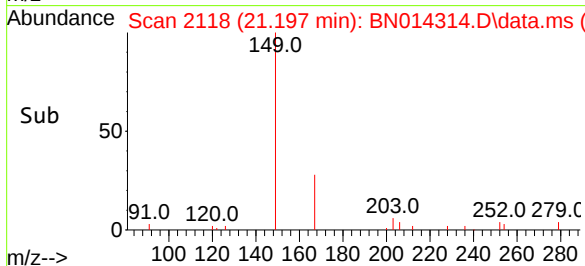
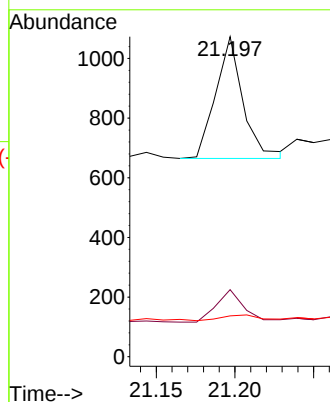
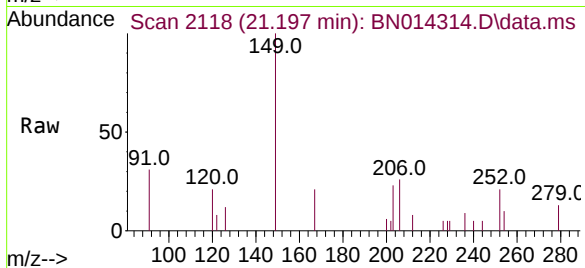




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng
 RT: 21.197 min Scan# 2118
 Delta R.T. -0.000 min
 Lab File: BN014314.D
 Acq: 16 Apr 2021 17:48

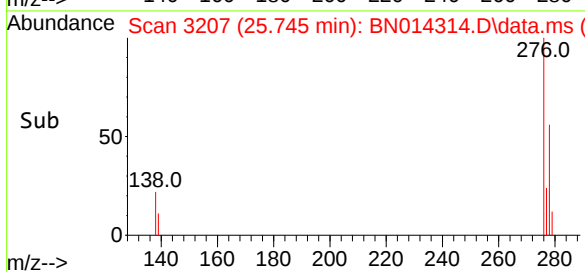
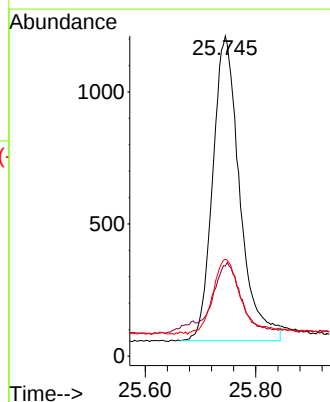
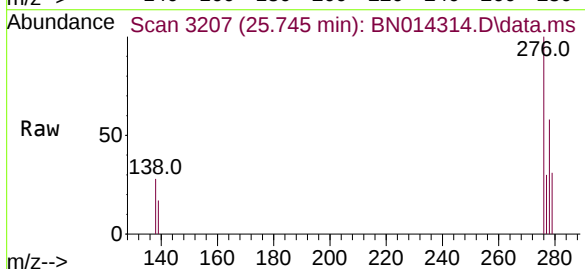
Instrument :
 BNA_N
 ClientSampleId :
 PB135597BL

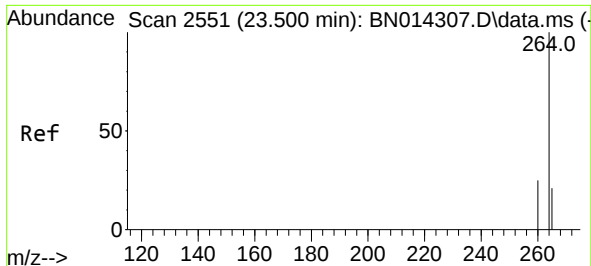
Tgt Ion:149 Resp: 493
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 6.5 3.3 4.9#



#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng
 RT: 25.745 min Scan# 3207
 Delta R.T. 0.007 min
 Lab File: BN014314.D
 Acq: 16 Apr 2021 17:48

Tgt Ion:276 Resp: 3905
 Ion Ratio Lower Upper
 276 100
 138 22.1 18.3 27.5
 277 25.1 19.9 29.9

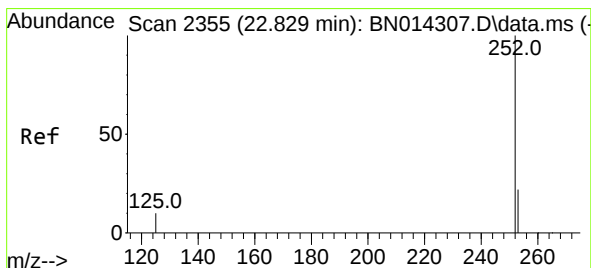
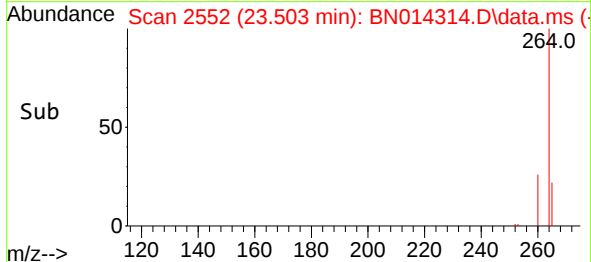
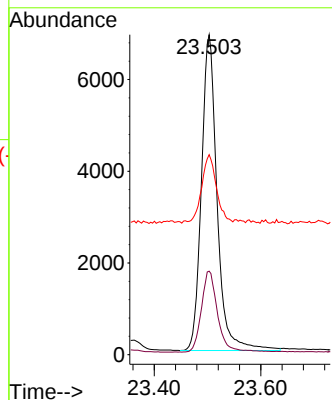
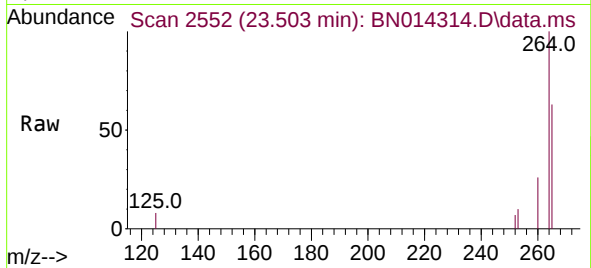




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.503 min Scan# 2552
 Delta R.T. 0.003 min
 Lab File: BN014314.D
 Acq: 16 Apr 2021 17:48

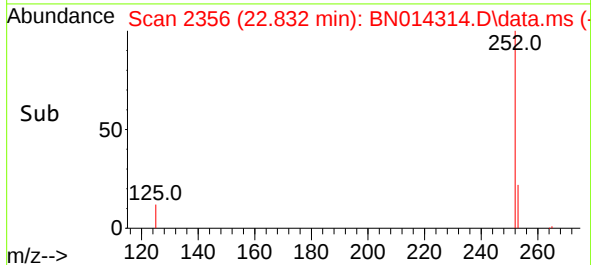
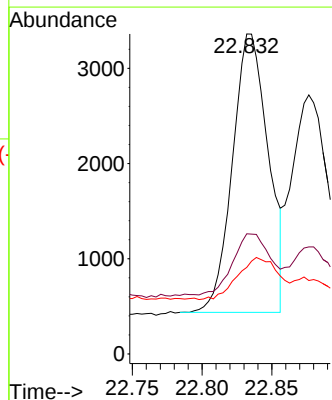
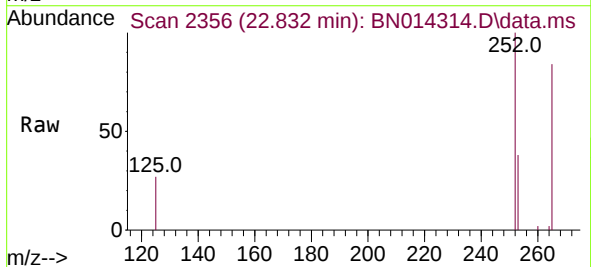
Instrument :
 BNA_N
 ClientSampleId :
 PB135597BL

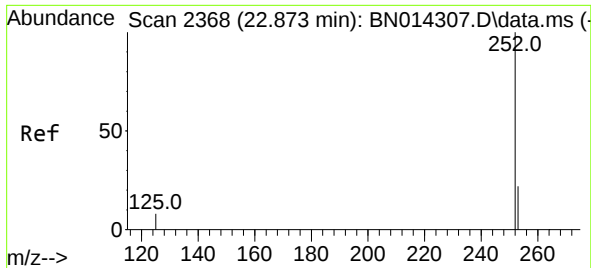
Tgt Ion:264 Resp: 14052
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.0 30.0
 265 62.5 37.8 56.8#



#37
 Benzo(b)fluoranthene
 Concen: 0.09 ng
 RT: 22.832 min Scan# 2356
 Delta R.T. 0.003 min
 Lab File: BN014314.D
 Acq: 16 Apr 2021 17:48

Tgt Ion:252 Resp: 5225
 Ion Ratio Lower Upper
 252 100
 253 37.6 19.0 28.6#
 125 27.1 9.3 13.9#

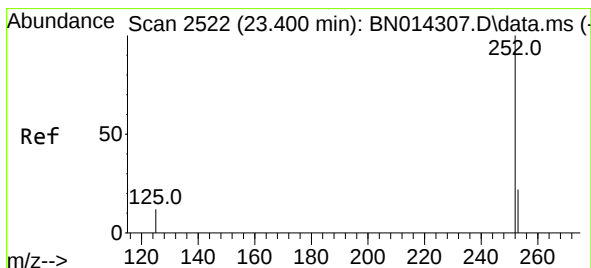
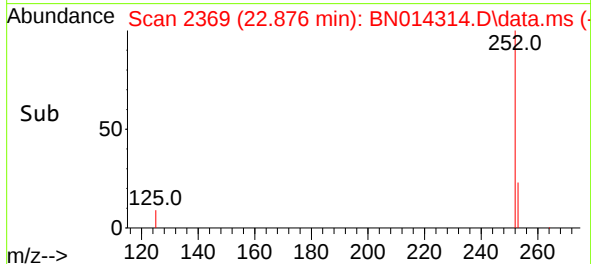
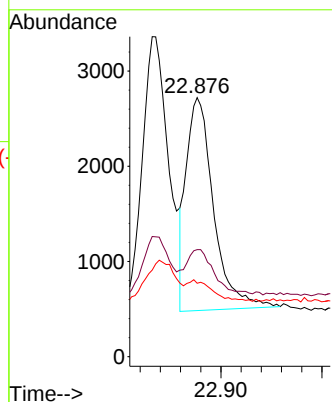
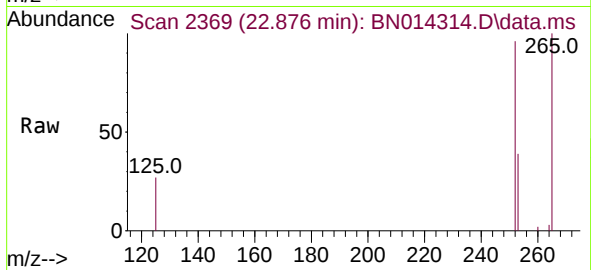




#38
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 22.876 min Scan# 2369
Delta R.T. 0.003 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

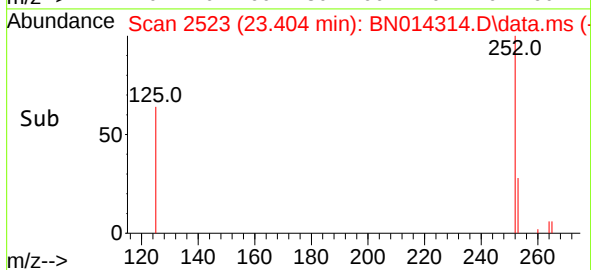
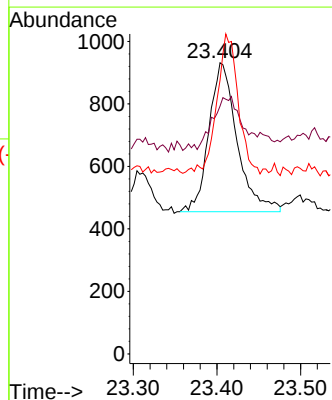
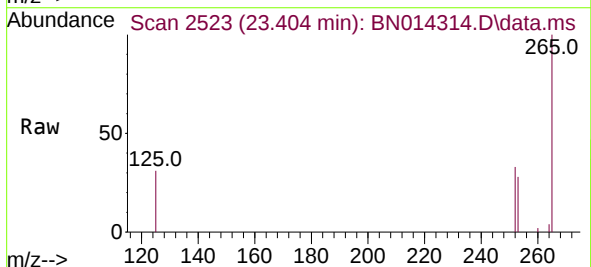
Instrument :
BNA_N
ClientSampleId :
PB135597BL

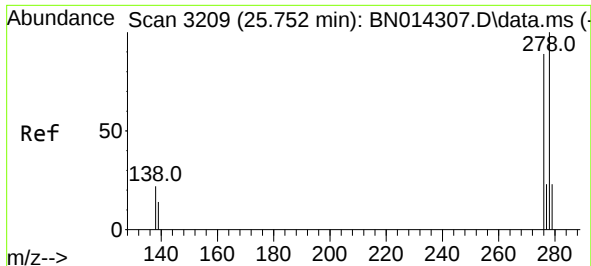
Tgt Ion:252 Resp: 4195
Ion Ratio Lower Upper
252 100
253 41.3 19.1 28.7#
125 28.4 9.1 13.7#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.404 min Scan# 2523
Delta R.T. 0.003 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

Tgt Ion:252 Resp: 1119
Ion Ratio Lower Upper
252 100
253 85.1 20.2 30.2#
125 94.0 12.4 18.6#

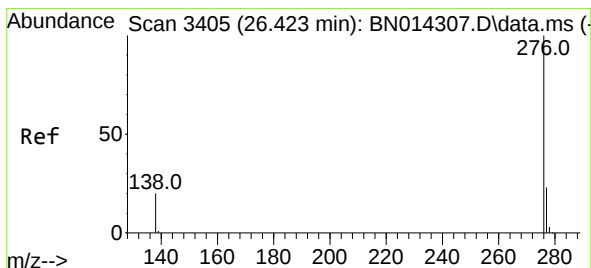
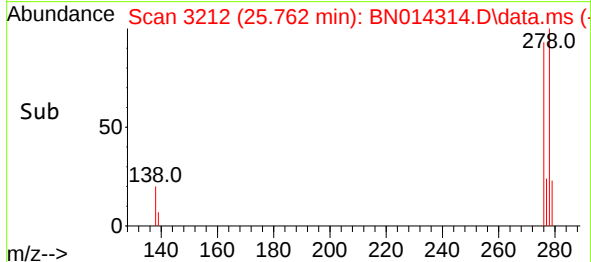
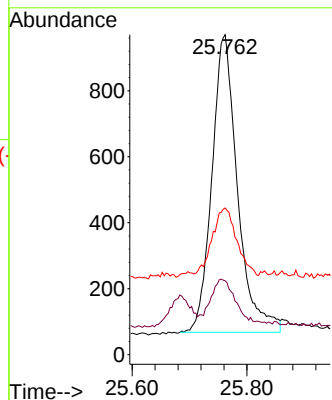
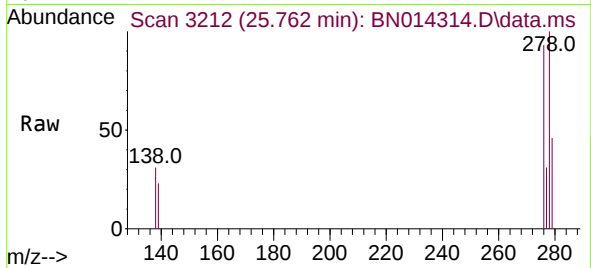




#40
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 25.762 min Scan# 3212
Delta R.T. 0.010 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

Instrument :
BNA_N
ClientSampleId :
PB135597BL

Tgt Ion:278 Resp: 2795
Ion Ratio Lower Upper
278 100
139 23.1 12.8 19.2#
279 45.9 20.0 30.0#



#41
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.429 min Scan# 3407
Delta R.T. 0.007 min
Lab File: BN014314.D
Acq: 16 Apr 2021 17:48

Tgt Ion:276 Resp: 3722
Ion Ratio Lower Upper
276 100
277 28.9 18.9 28.3#
138 26.0 16.6 24.8#

