

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015355.D
 Acq On : 07 Jul 2021 02:27
 Operator : CG/JU
 Sample : M2898-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

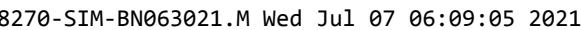
Quant Time: Jul 07 06:09:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15058	0.40	ng	# 0.00
7) Naphthalene-d8	10.496	136	70156	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	40043	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	83702	0.40	ng	0.00
29) Chrysene-d12	21.291	240	76563	0.40	ng	#-0.01
35) Perylene-d12	23.536	264	43119	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	2777	0.07	ng	0.00
5) Phenol-d6	6.905	99	2061	0.04	ng	0.00
8) Nitrobenzene-d5	8.873	82	13200	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	31025	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	3598	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	51642	0.32	ng	0.00
27) Fluoranthene-d10	19.133	212	90030	0.36	ng	0.00
31) Terphenyl-d14	19.733	244	91799	0.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	482	0.07	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.449	198	28	0.21	ng	# 1
23) Atrazine	16.567	200	37	0.17	ng	# 1
24) Pentachlorophenol	16.738	266	524	0.29	ng	# 42
28) Fluoranthene	19.162	202	8163	0.03	ng	# 93
30) Pyrene	19.525	202	6449	0.02	ng	# 91
32) Benzo(a)anthracene	21.270	228	14922	0.06	ng	98
33) Chrysene	21.323	228	13412	0.05	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	27276	0.44	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.795	276	3847	0.02	ng	# 88
37) Benzo(b)fluoranthene	22.865	252	10290	0.06	ng	# 75
38) Benzo(k)fluoranthene	22.906	252	9561	0.05	ng	# 82
39) Benzo(a)pyrene	23.437	252	7351	0.05	ng	# 65
40) Dibenzo(a,h)anthracene	25.809	278	3391	0.03	ng	# 76

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

Quant Time: Jul 07 06:09:03 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

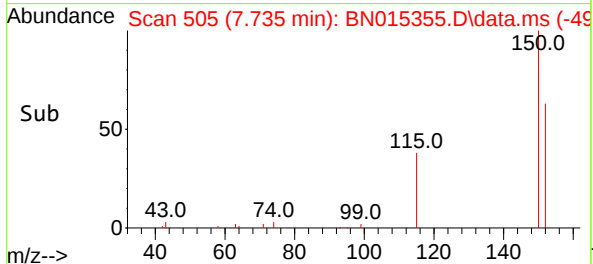
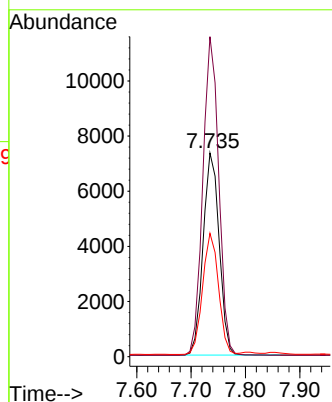
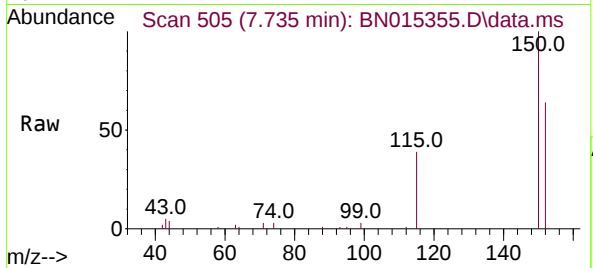




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015355.D
 Acq: 07 Jul 2021 02:27

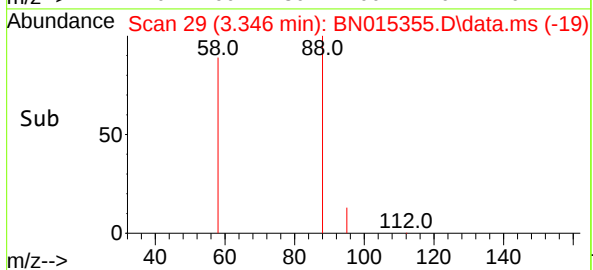
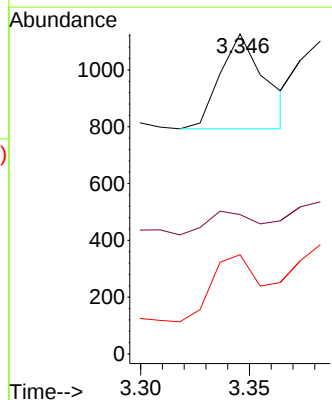
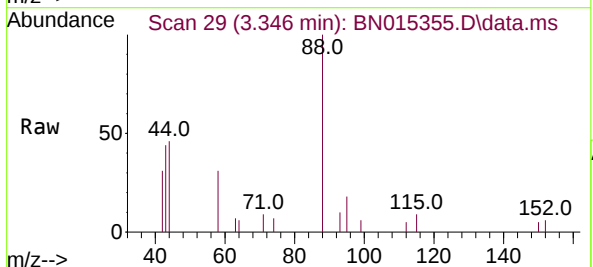
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:152 Resp: 15058
 Ion Ratio Lower Upper
 152 100
 150 157.2 119.0 178.6
 115 60.6 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.07 ng
 RT: 3.346 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015355.D
 Acq: 07 Jul 2021 02:27

Tgt Ion: 88 Resp: 482
 Ion Ratio Lower Upper
 88 100
 43 25.3 12.9 19.3#
 58 70.5 38.1 57.1#

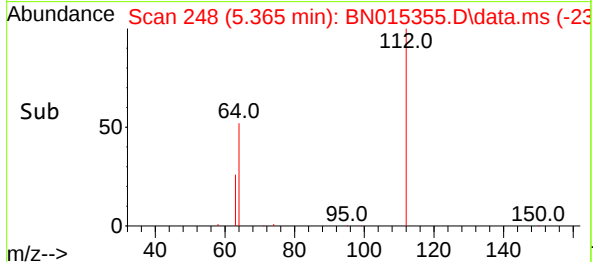
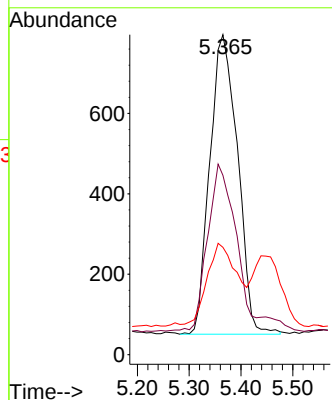
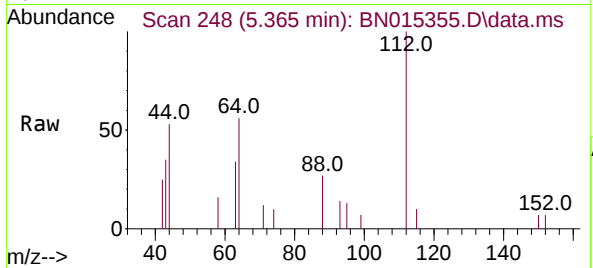




#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

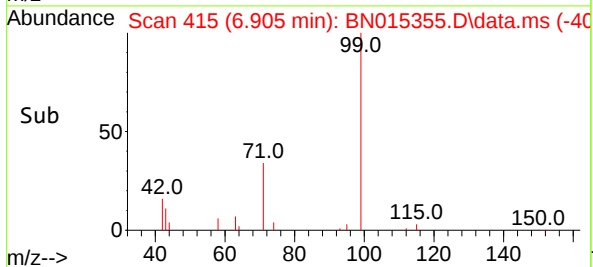
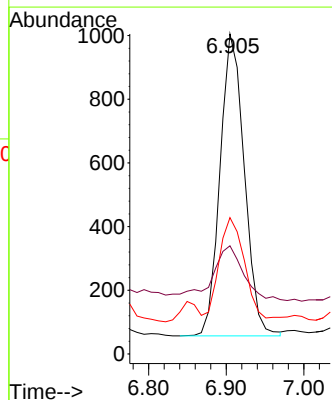
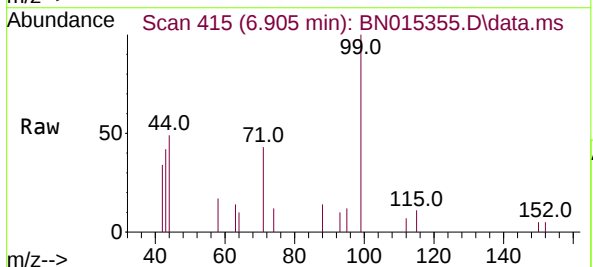
Instrument :
BNA_N
ClientSampleId :

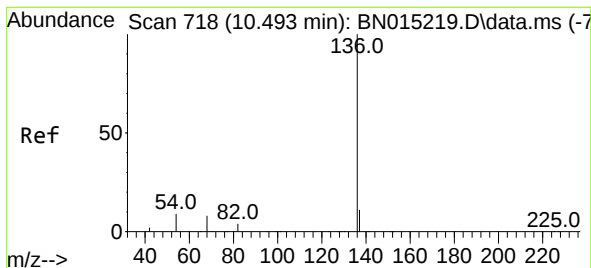
Tgt Ion:	112	Resp:	2777
Ion	Ratio	Lower	Upper
112	100		
64	58.3	39.0	58.6
63	29.3	20.6	30.8



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:	99	Resp:	2061
Ion	Ratio	Lower	Upper
99	100		
42	21.8	8.9	13.3#
71	34.2	35.6	53.4#

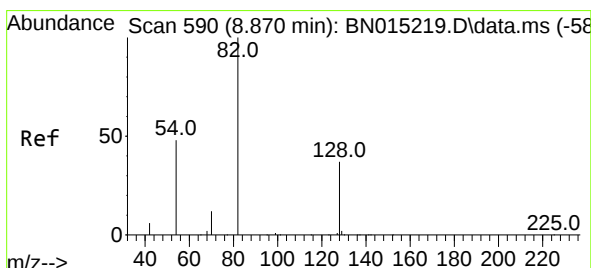
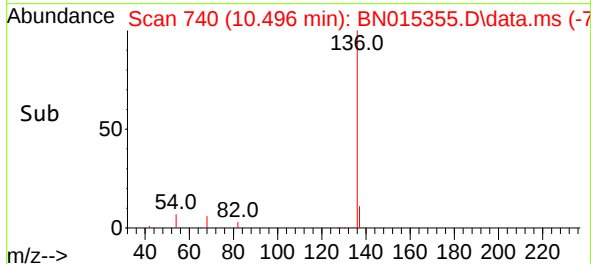
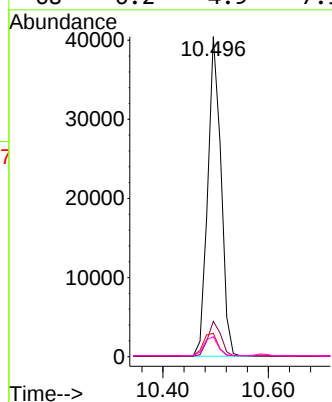
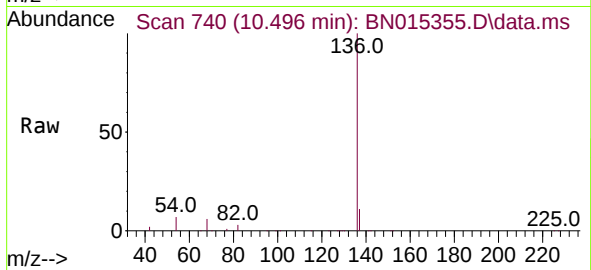




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.496 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

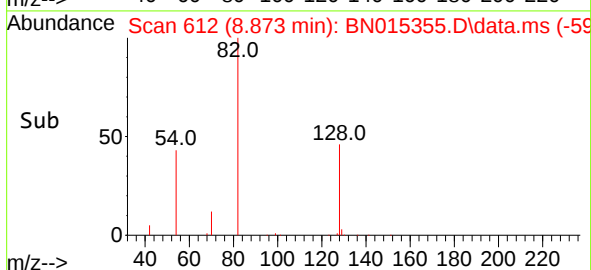
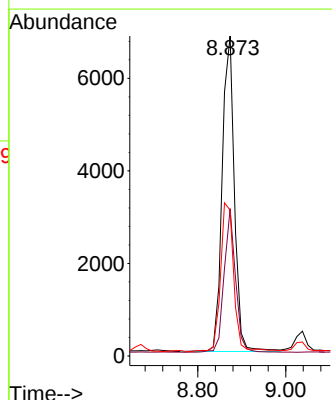
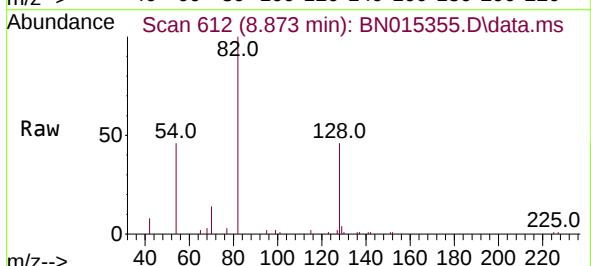
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136	Resp:	70156
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.8
54	7.3	5.4 8.2
68	6.2	4.9 7.3



#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion: 82	Resp:	13200
Ion Ratio	Lower	Upper
82	100	
128	46.1	31.6 47.4
54	45.5	29.0 43.4

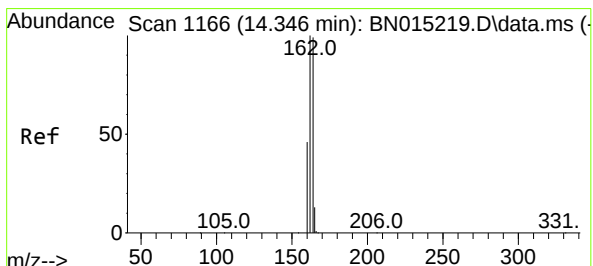
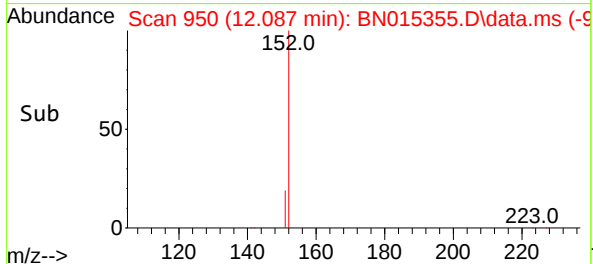
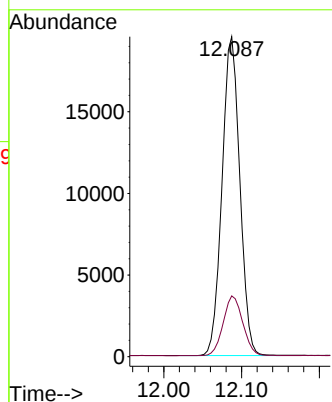
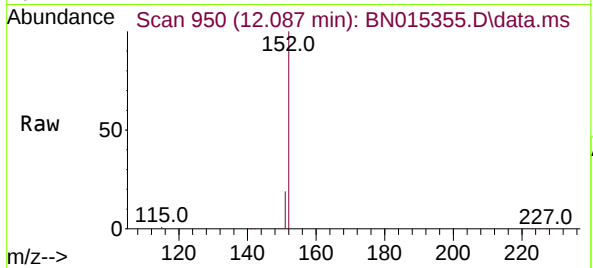




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

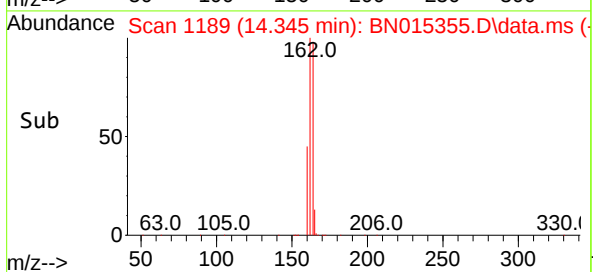
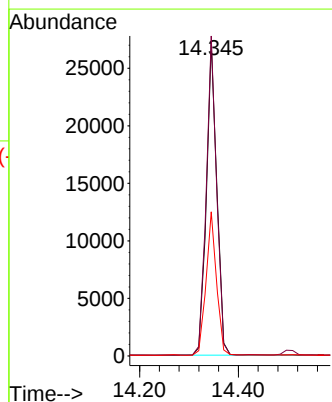
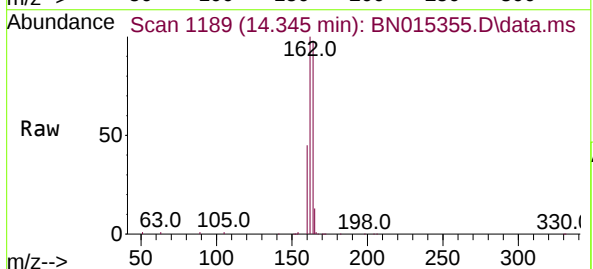
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 31025
Ion Ratio Lower Upper
152 100
151 20.5 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: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:164 Resp: 40043
Ion Ratio Lower Upper
164 100
162 101.9 83.8 125.6
160 45.9 37.4 56.0

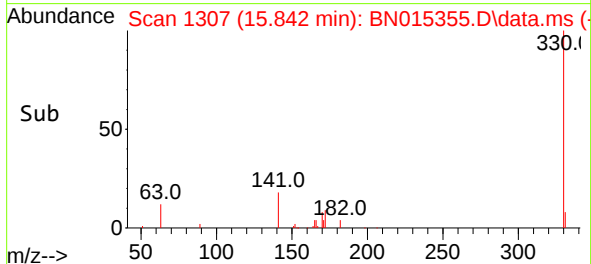
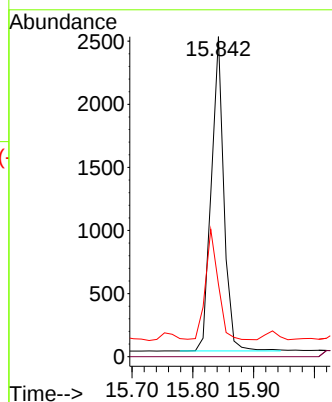
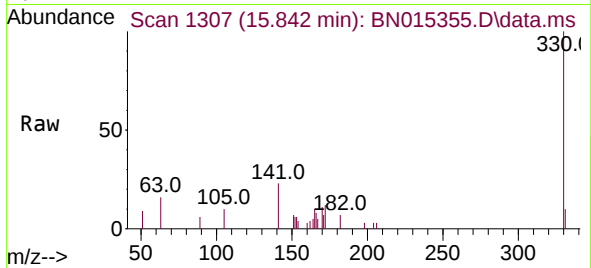




#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

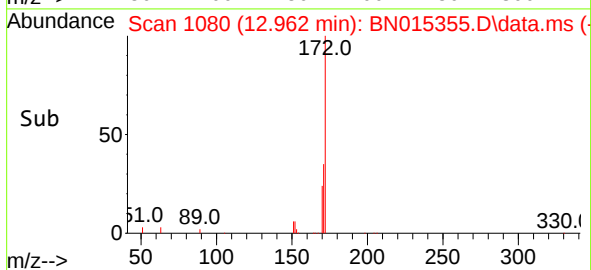
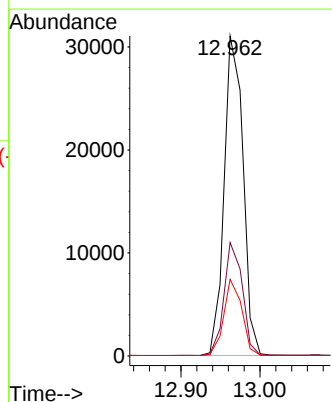
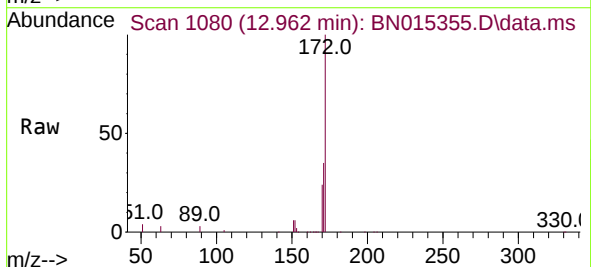
Instrument :
BNA_N
ClientSampled :

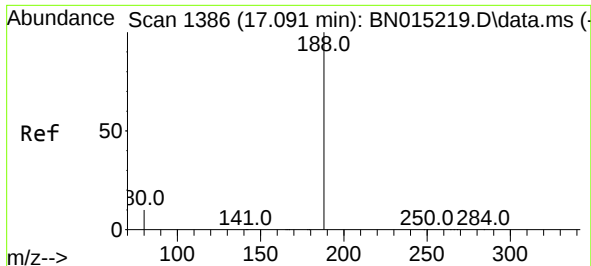
Tgt Ion:330 Resp: 3598
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.3 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:172 Resp: 51642
Ion Ratio Lower Upper
172 100
171 35.5 30.6 45.8
170 24.0 20.2 30.4

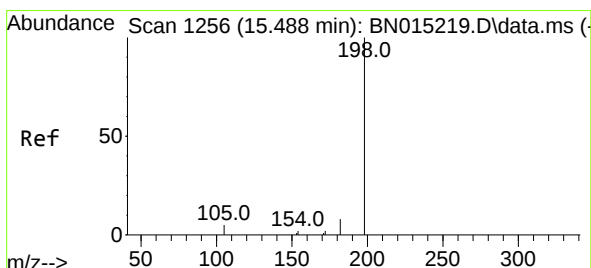
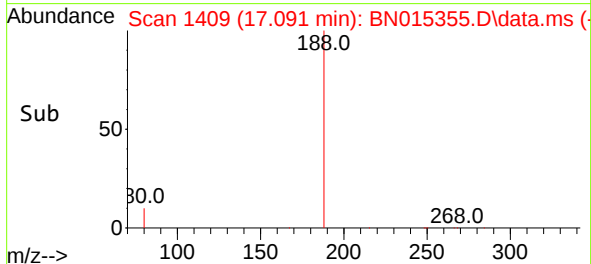
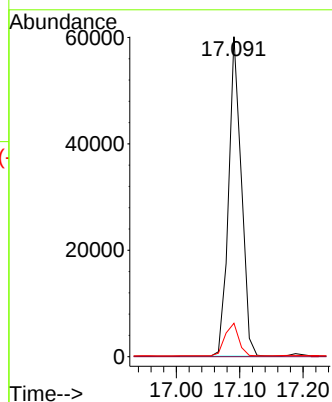
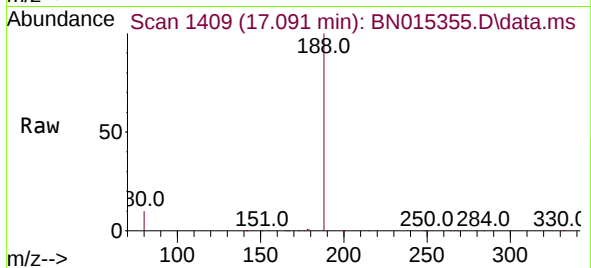




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

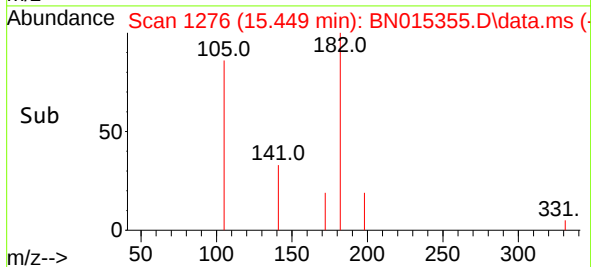
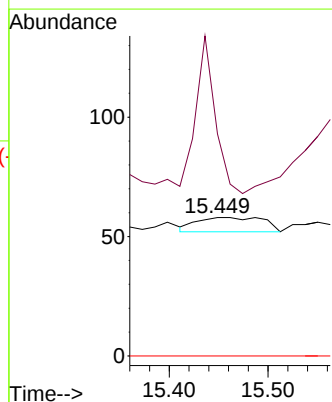
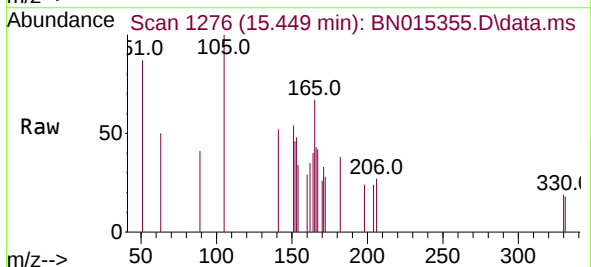
Instrument :
BNA_N
ClientSampleId :

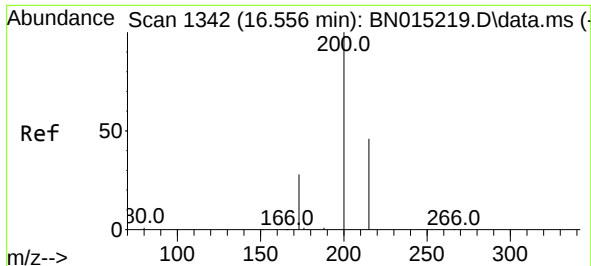
Tgt Ion:188 Resp: 83702
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.039 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
182 160.3 34.5 51.7#
77 0.0 0.0 0.0

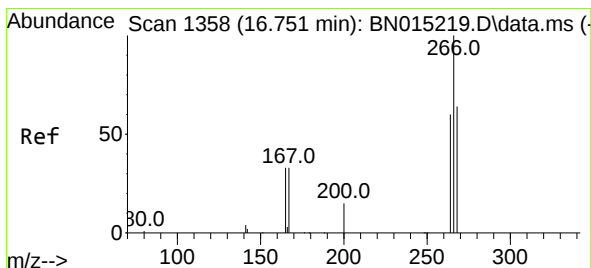
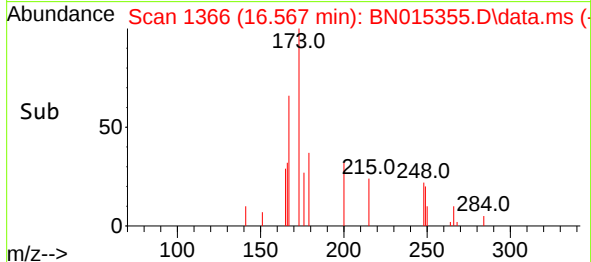
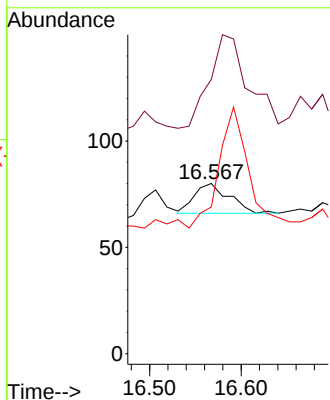
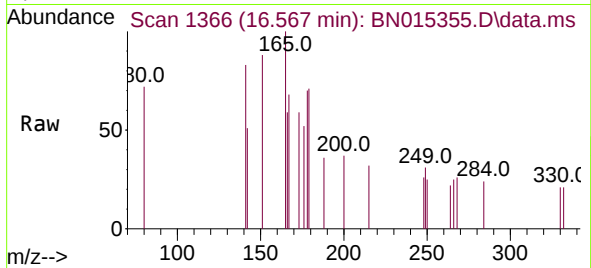




#23
Atrazine
Concen: 0.17 ng
RT: 16.567 min Scan# 1366
Delta R.T. 0.011 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

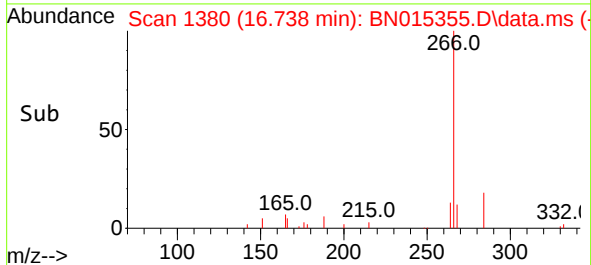
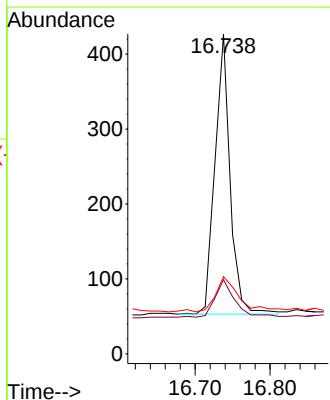
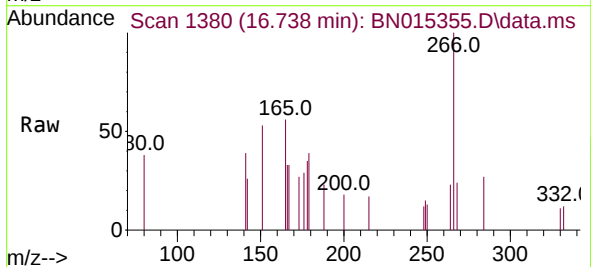
Instrument :
BNA_N
ClientSampleId :

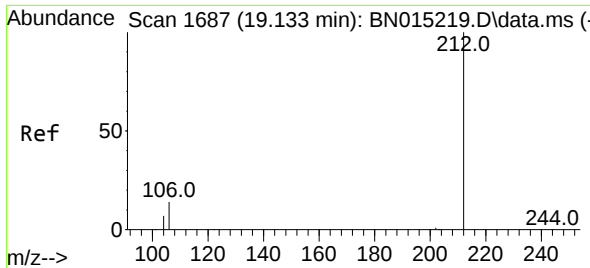
Tgt Ion:200 Resp: 37
Ion Ratio Lower Upper
200 100
173 161.3 21.7 32.5#
215 86.3 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.738 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:266 Resp: 524
Ion Ratio Lower Upper
266 100
264 17.6 51.0 76.4#
268 18.3 50.6 76.0#

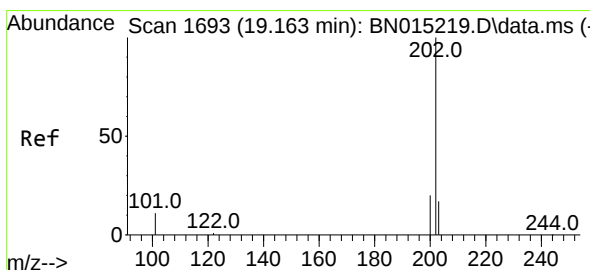
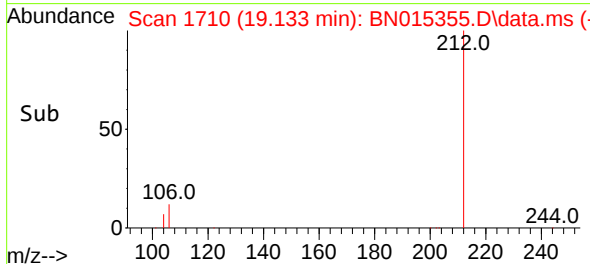
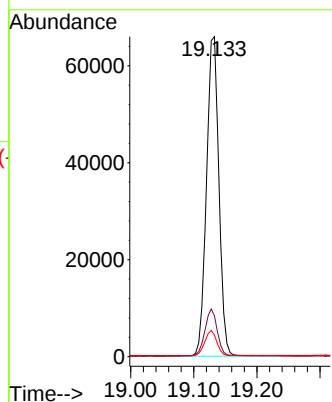
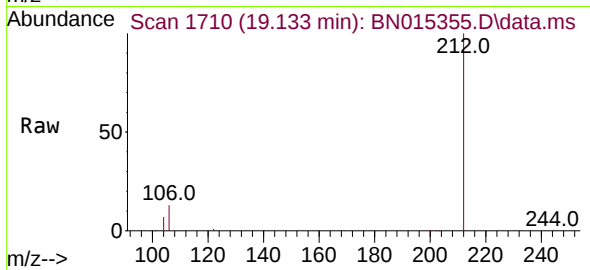




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.133 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

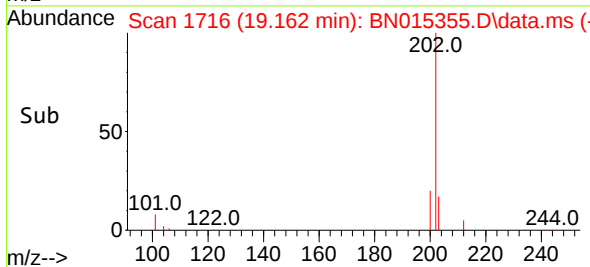
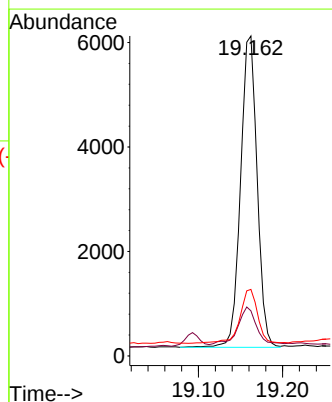
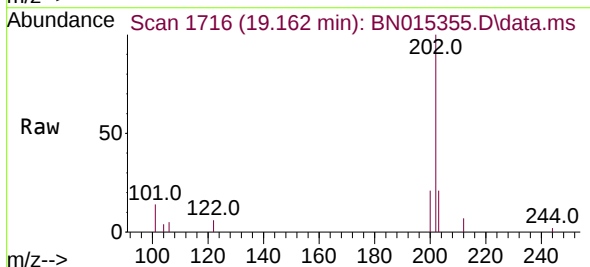
Instrument :
BNA_N
ClientSampleId :

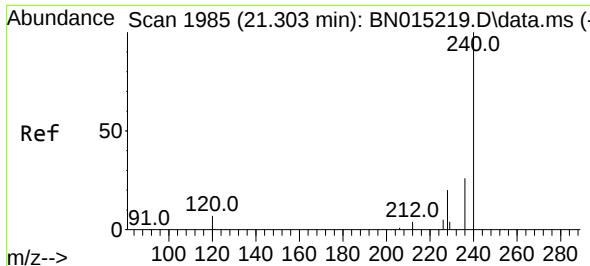
Tgt Ion:212 Resp: 90030
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 7.8 4.1 6.1#



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.162 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:202 Resp: 8163
Ion Ratio Lower Upper
202 100
101 13.9 6.6 10.0#
203 18.6 13.9 20.9

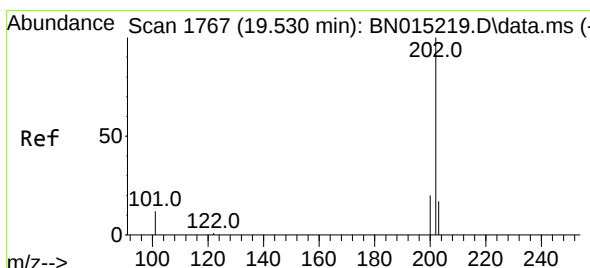
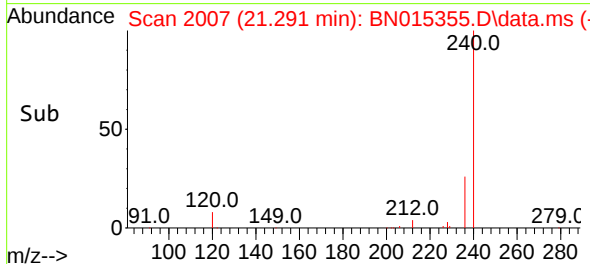
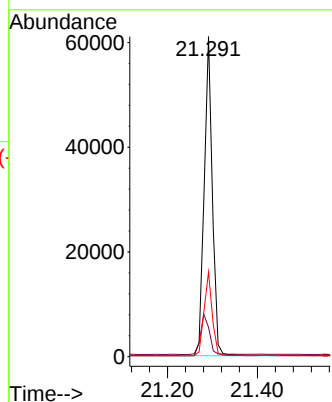
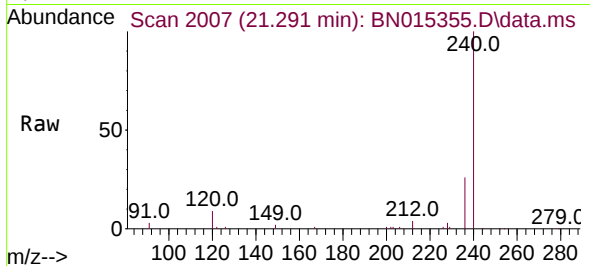




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

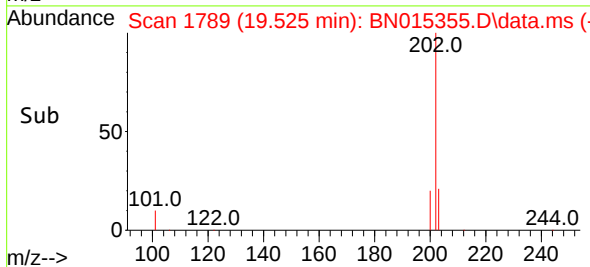
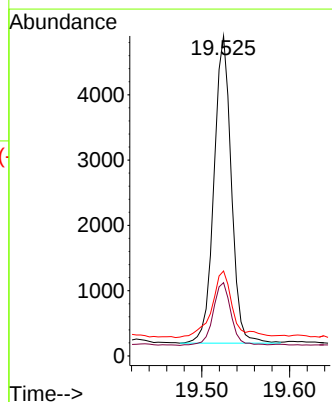
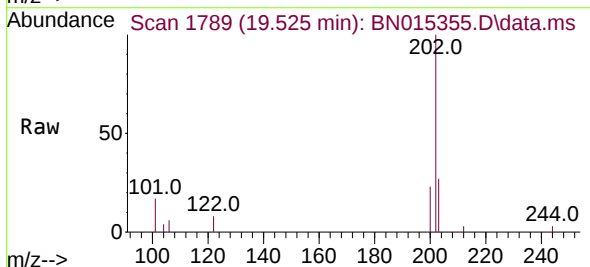
Instrument :
BNA_N
ClientSampleId :

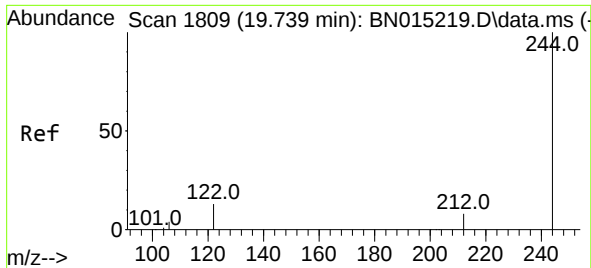
Tgt Ion:240 Resp: 76563
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.4#
236 26.5 21.4 32.2



#30
Pyrene
Concen: 0.02 ng
RT: 19.525 min Scan# 1789
Delta R.T. -0.005 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:202 Resp: 6449
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 26.2 13.9 20.9#

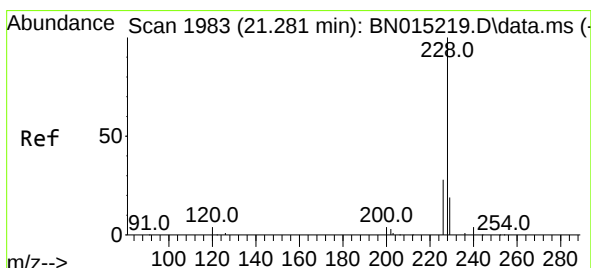
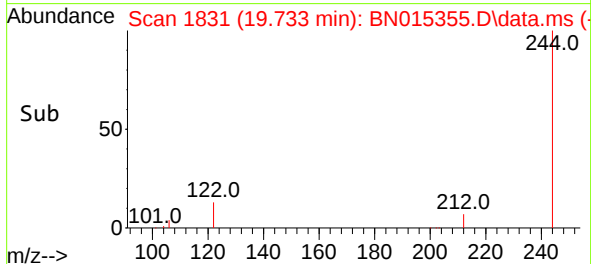
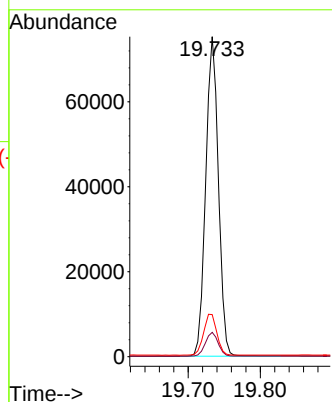
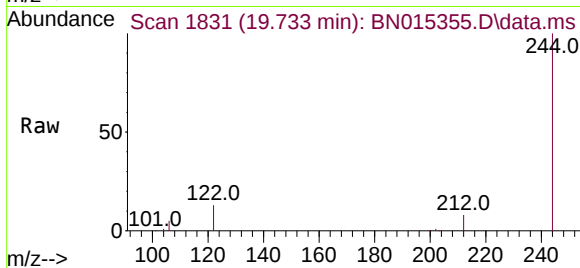




#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

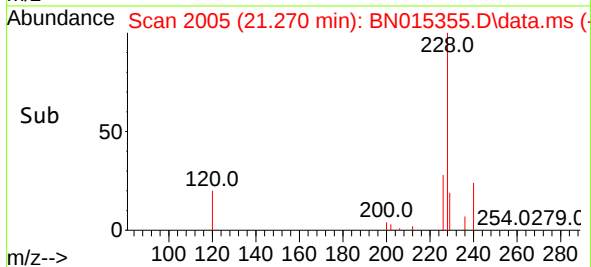
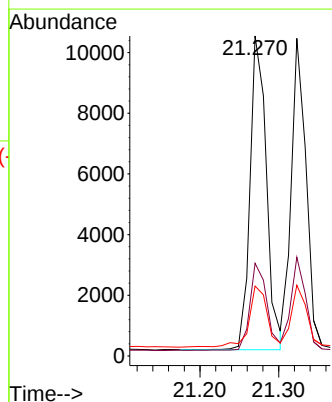
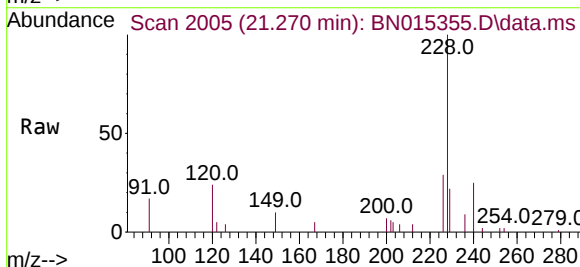
Instrument :
BNA_N
ClientSampleId :

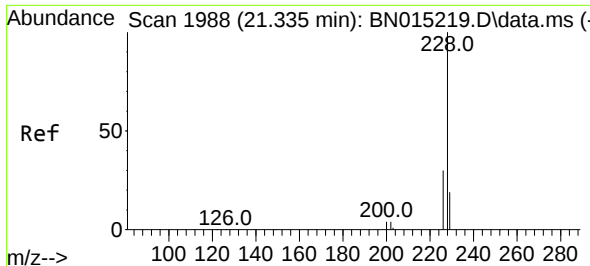
Tgt Ion:244 Resp: 91799
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.1 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.06 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:228 Resp: 14922
Ion Ratio Lower Upper
228 100
226 29.0 23.0 34.6
229 21.9 15.7 23.5

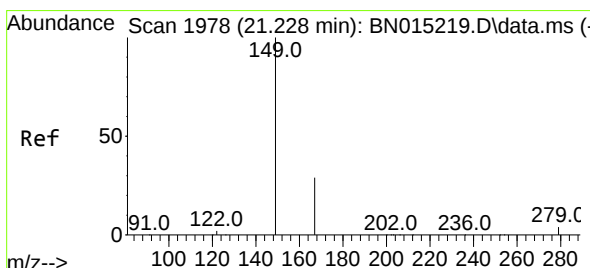
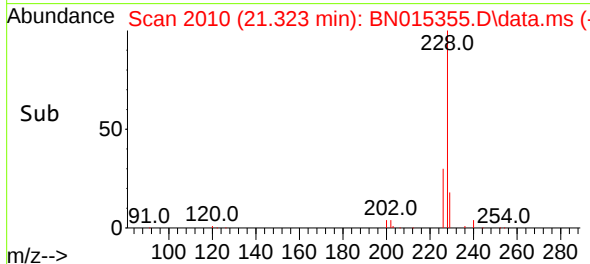
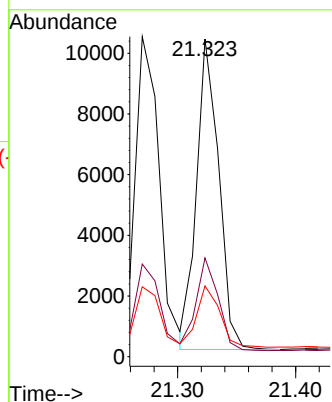
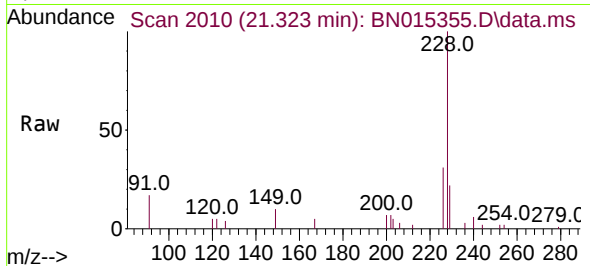




#33
Chrysene
Concen: 0.05 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

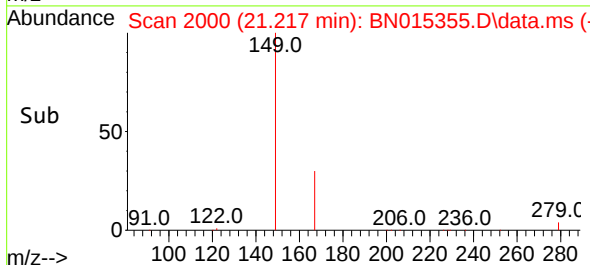
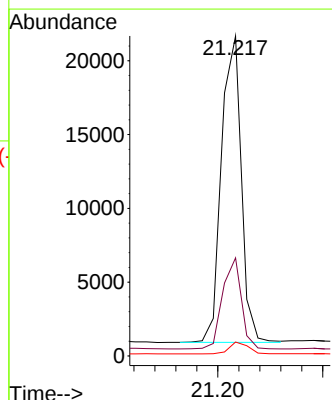
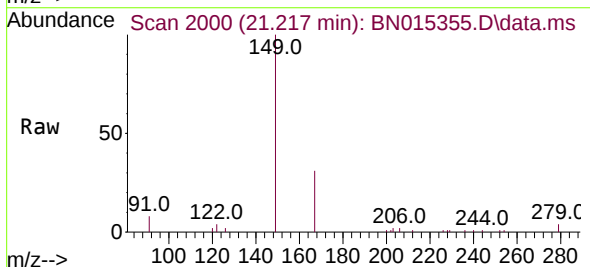
Instrument :
BNA_N
ClientSampleId :

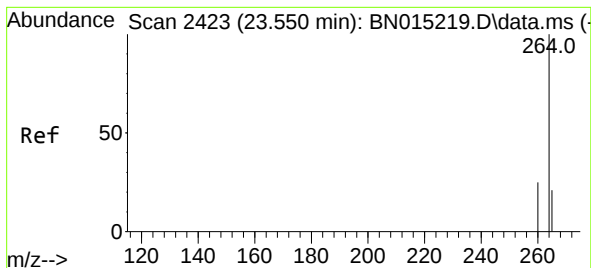
Tgt Ion:228	Resp:	13412
Ion Ratio	Lower	Upper
228	100	
226	31.1	25.0 37.6
229	22.3	15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.44 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:149	Resp:	27276
Ion Ratio	Lower	Upper
149	100	
167	28.2	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: BN015355.D

Acq: 07 Jul 2021 02:27

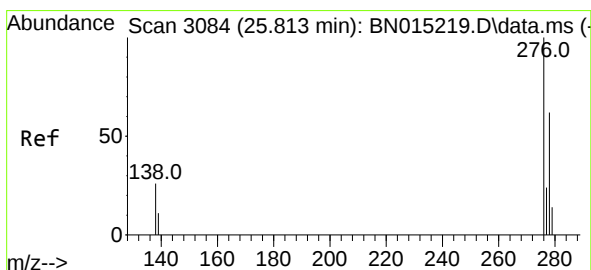
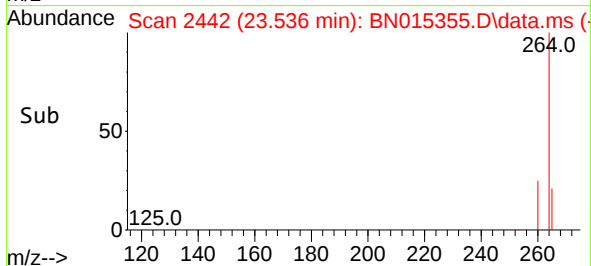
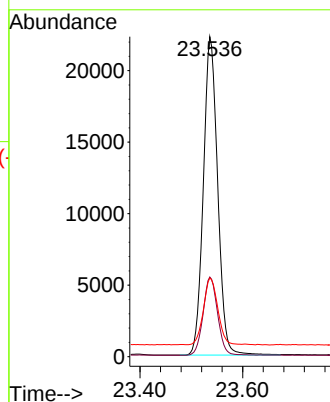
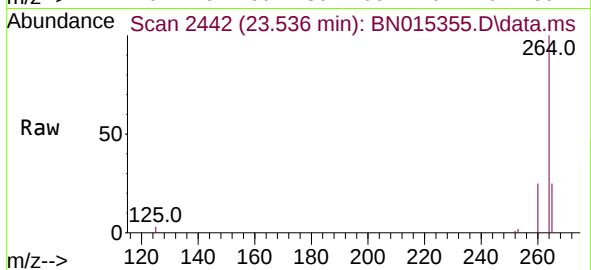
Tgt Ion:264 Resp: 43119

Ion Ratio Lower Upper

264 100

260 24.9 20.6 31.0

265 24.6 21.4 32.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng

RT: 25.795 min Scan# 3102

Delta R.T. -0.018 min

Lab File: BN015355.D

Acq: 07 Jul 2021 02:27

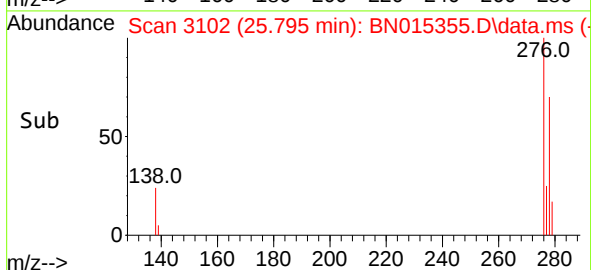
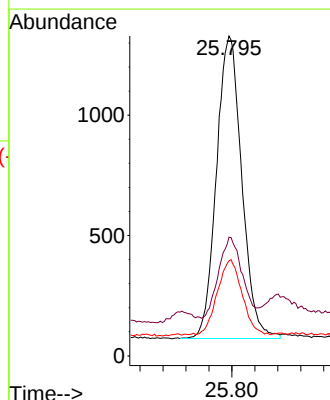
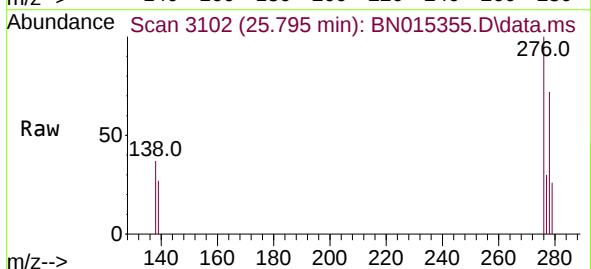
Tgt Ion:276 Resp: 3847

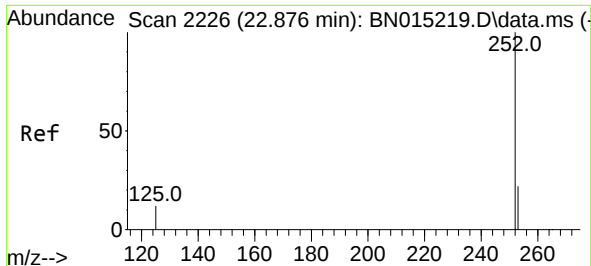
Ion Ratio Lower Upper

276 100

138 24.7 10.0 15.0#

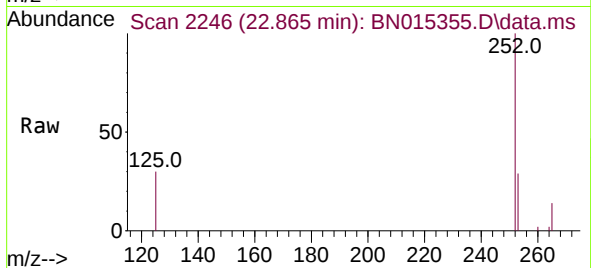
277 24.0 20.4 30.6



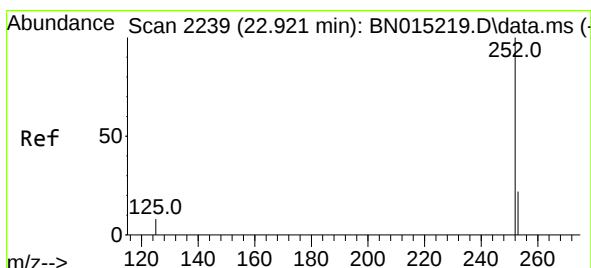
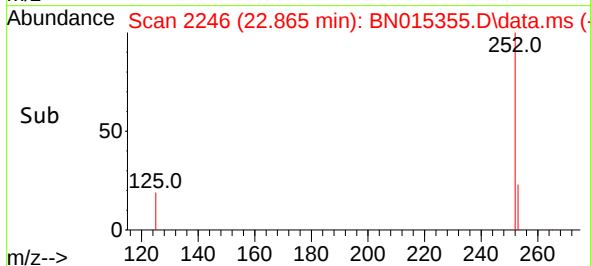
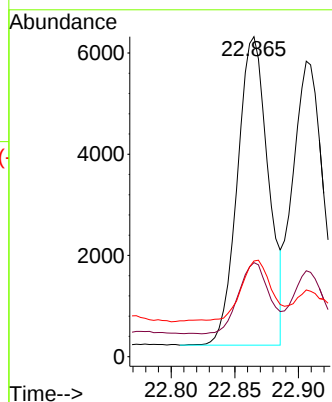


#37
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.865 min Scan# 2246
Delta R.T. -0.011 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Instrument :
BNA_N
ClientSampleId :

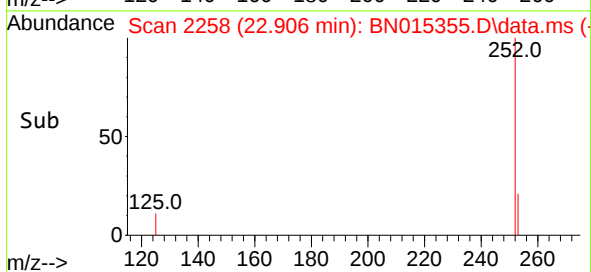
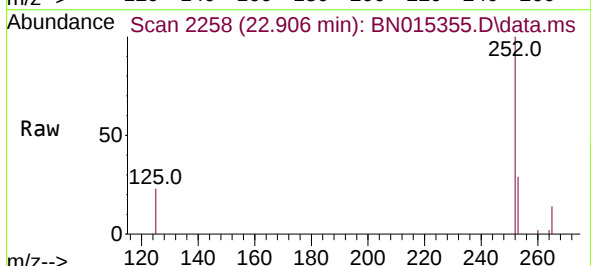
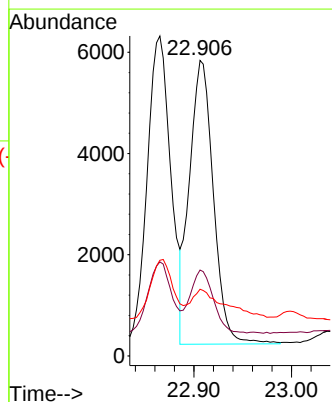


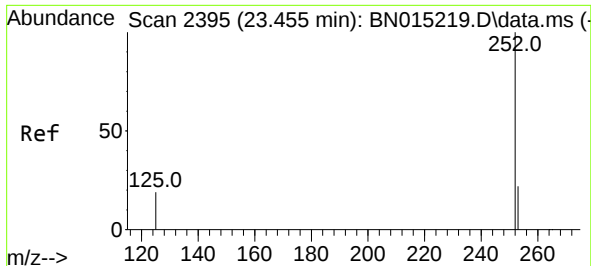
Tgt Ion:252 Resp: 10290
Ion Ratio Lower Upper
252 100
253 29.4 18.5 27.7#
125 29.9 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.906 min Scan# 2258
Delta R.T. -0.014 min
Lab File: BN015355.D
Acq: 07 Jul 2021 02:27

Tgt Ion:252 Resp: 9561
Ion Ratio Lower Upper
252 100
253 29.1 19.1 28.7#
125 22.5 5.4 8.0#





#39

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.437 min Scan# 2413

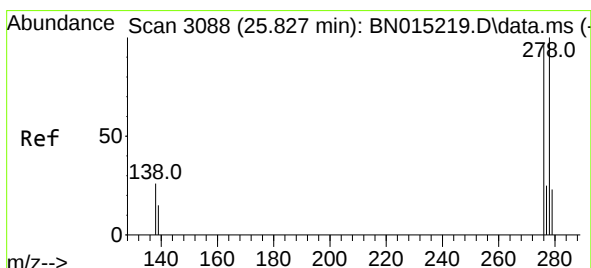
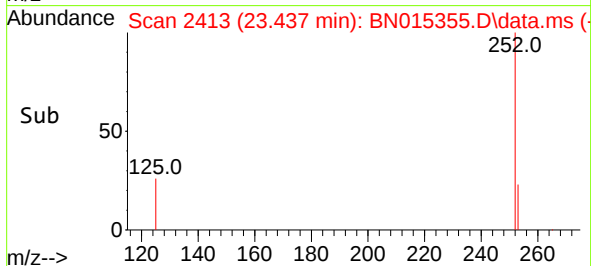
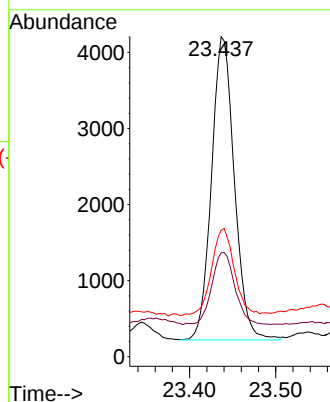
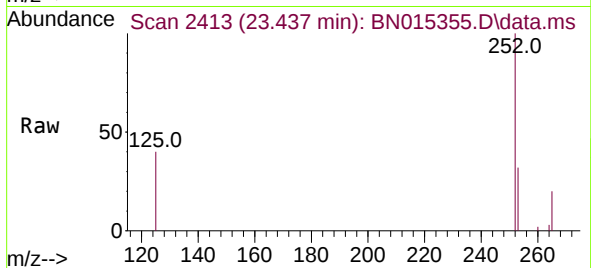
Delta R.T. -0.018 min

Lab File: BN015355.D

Acq: 07 Jul 2021 02:27

Tgt Ion:252	Resp:	7351
Ion Ratio	Lower	Upper
252	100	
253	32.4	19.4 29.2#
125	39.5	7.4 11.2#

Instrument :
BNA_N
ClientSampled :



#40

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 25.809 min Scan# 3106

Delta R.T. -0.018 min

Lab File: BN015355.D

Acq: 07 Jul 2021 02:27

Tgt Ion:278	Resp:	3391
Ion Ratio	Lower	Upper
278	100	
139	30.4	9.0 13.4#
279	32.9	21.0 31.4#

