

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
 Data File : BN021383.D
 Acq On : 26 Aug 2022 13:45
 Operator : CG/JU
 Sample : PB147233BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147233BL

Quant Time: Aug 26 23:39:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:37:03 2022
 Response via : Initial Calibration

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

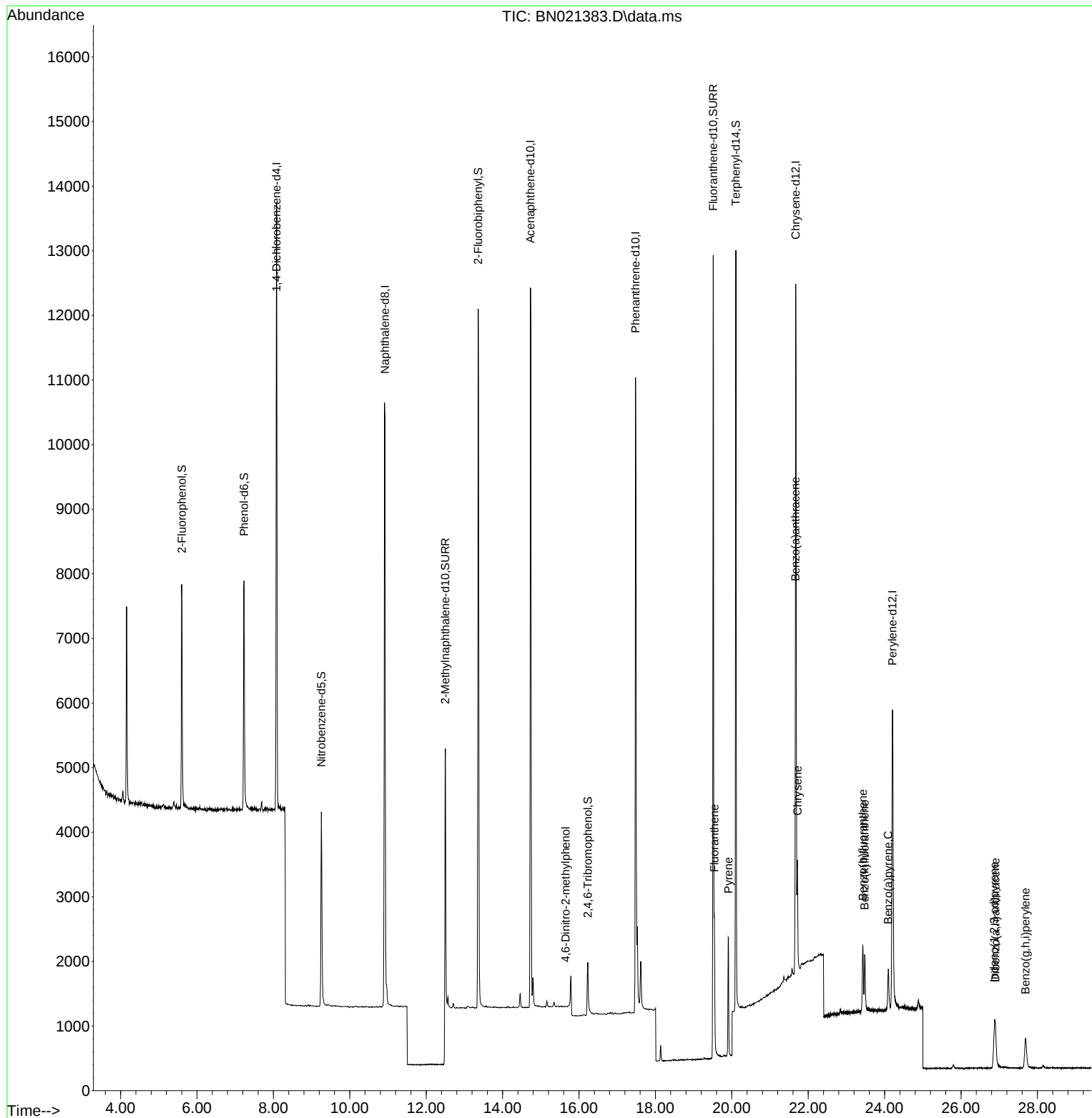
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	4727	0.400	ng	0.00
7) Naphthalene-d8	10.920	136	13961	0.400	ng	# 0.01
13) Acenaphthene-d10	14.728	164	6998	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	14745	0.400	ng	# 0.00
29) Chrysene-d12	21.673	240	10383	0.400	ng	# 0.00
35) Perylene-d12	24.206	264	7746	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	3148	0.246	ng	0.00
5) Phenol-d6	7.231	99	3932	0.245	ng	0.00
8) Nitrobenzene-d5	9.254	82	2832	0.268	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	8967	0.380	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	609	0.190	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	10365	0.331	ng	0.00
27) Fluoranthene-d10	19.514	212	13646	0.310	ng	0.00
31) Terphenyl-d14	20.106	244	10178	0.464	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.648	198	1	0.052	ng	92
28) Fluoranthene	19.544	202	1753	0.030	ng	98
30) Pyrene	19.910	202	1717	0.033	ng	# 92
32) Benzo(a)anthracene	21.664	228	1202	0.031	ng	# 91
33) Chrysene	21.718	228	1461	0.034	ng	93
36) Indeno(1,2,3-cd)pyrene	26.872	276	1162	0.029	ng	# 76
37) Benzo(b)fluoranthene	23.428	252	1407	0.041	ng	# 56
38) Benzo(k)fluoranthene	23.477	252	1189	0.034	ng	# 61
39) Benzo(a)pyrene	24.094	252	934	0.034	ng	# 26
40) Dibenzo(a,h)anthracene	26.901	278	892	0.028	ng	# 65
41) Benzo(g,h,i)perylene	27.688	276	1101	0.032	ng	# 78

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
Data File : BN021383.D
Acq On : 26 Aug 2022 13:45
Operator : CG/JU
Sample : PB147233BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147233BL

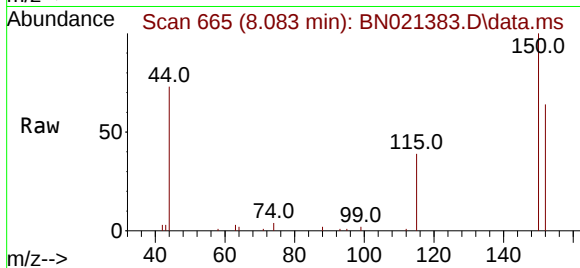
Quant Time: Aug 26 23:39:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 23:37:03 2022
Response via : Initial Calibration





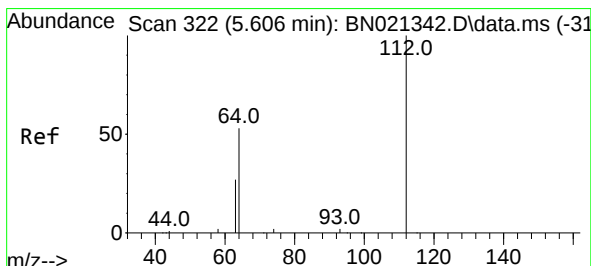
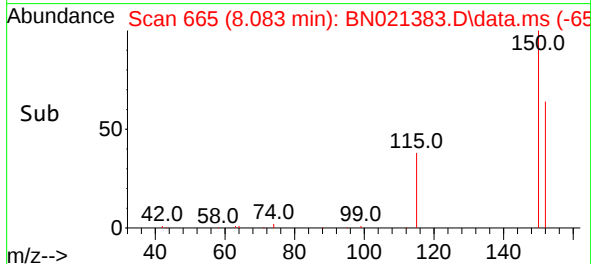
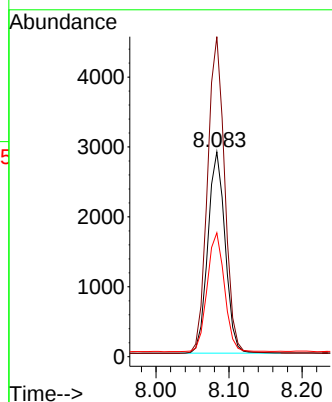
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 666
 Delta R.T. 0.000 min
 Lab File: BN021383.D
 Acq: 26 Aug 2022 13:45

Instrument :
 BNA_N
 ClientSampleId :
 PB147233BL



Tgt Ion:152 Resp: 4727

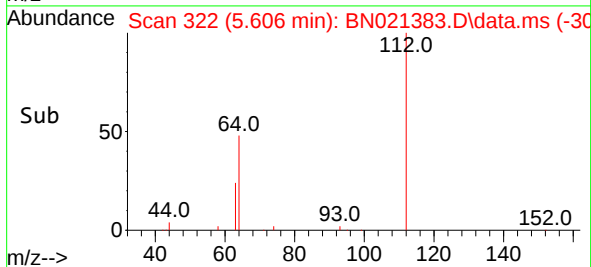
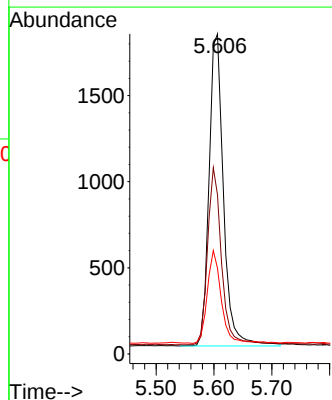
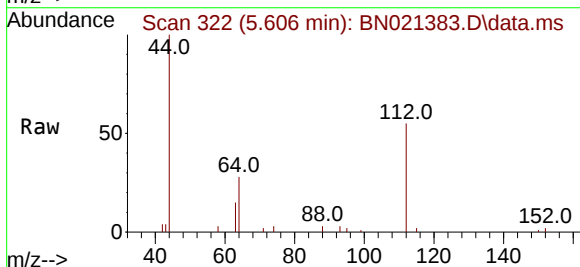
Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.4	182.0
115	60.5	48.6	72.8

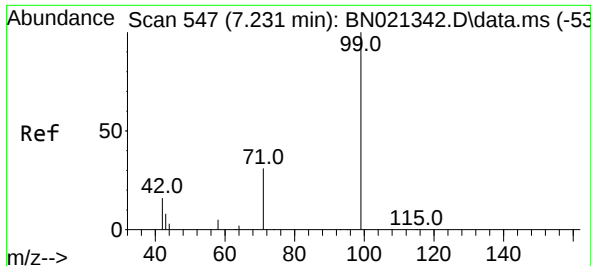


#4
 2-Fluorophenol
 Concen: 0.246 ng
 RT: 5.606 min Scan# 322
 Delta R.T. 0.007 min
 Lab File: BN021383.D
 Acq: 26 Aug 2022 13:45

Tgt Ion:112 Resp: 3148

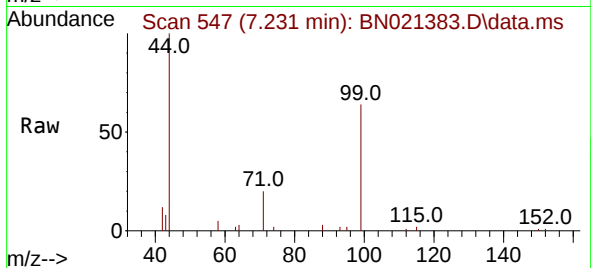
Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.5	65.3
63	29.1	22.6	34.0



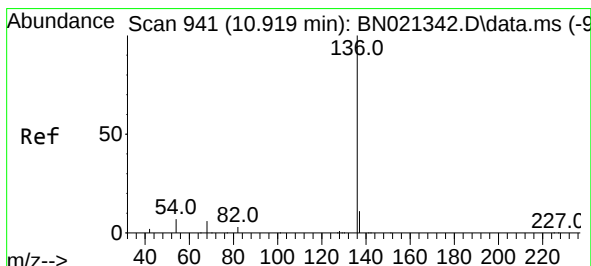
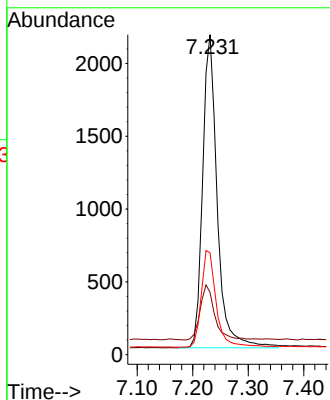
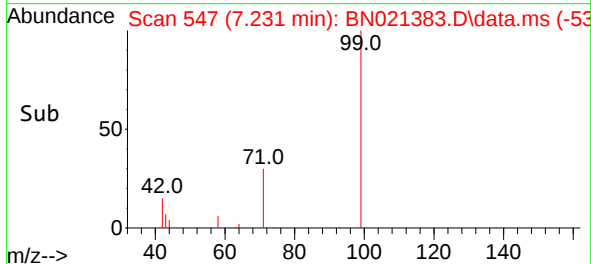


#5
Phenol-d6
Concen: 0.245 ng
RT: 7.231 min Scan# 547
Delta R.T. -0.000 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

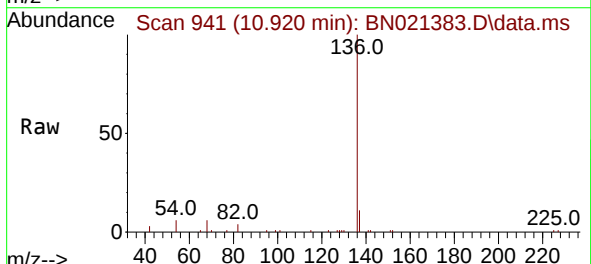
Instrument :
BNA_N
ClientSampleId :
PB147233BL



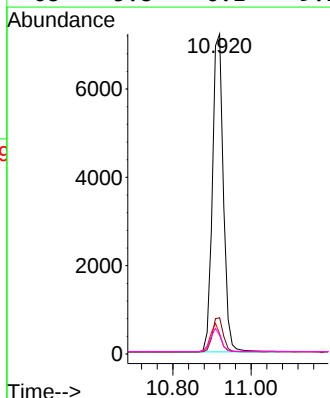
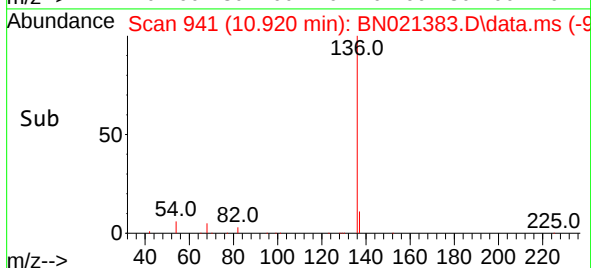
Tgt Ion:	99	Resp:	3932
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.5	23.3
71	31.5	24.2	36.2

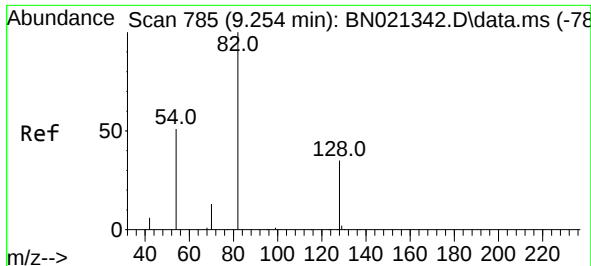


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.920 min Scan# 941
Delta R.T. 0.011 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45



Tgt Ion:	136	Resp:	13961
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.3	6.9	10.3#
68	5.8	6.1	9.1#

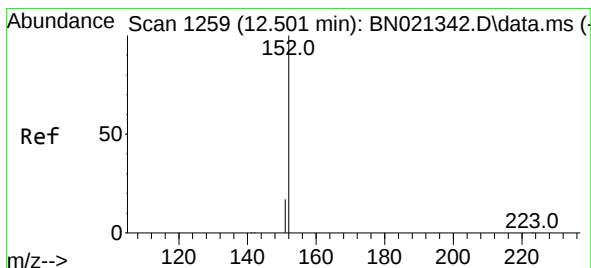
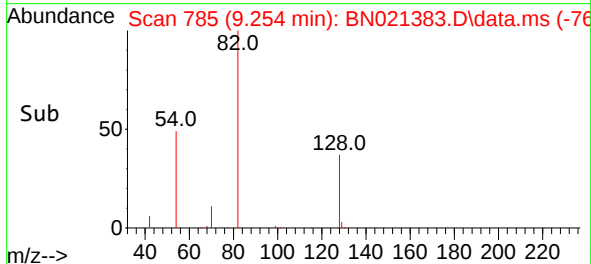
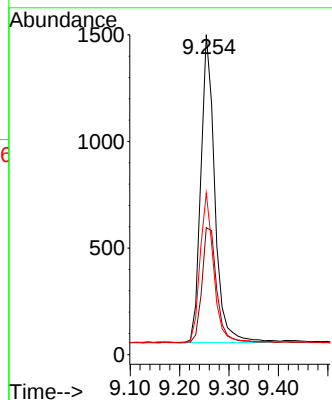
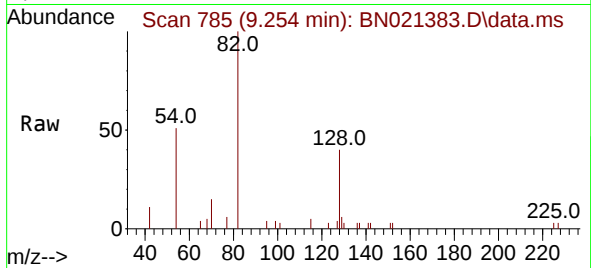




#8
 Nitrobenzene-d5
 Concen: 0.268 ng
 RT: 9.254 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: BN021383.D
 Acq: 26 Aug 2022 13:45

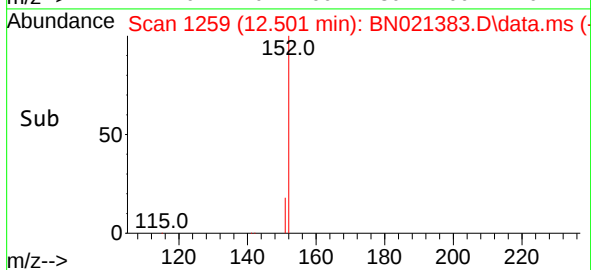
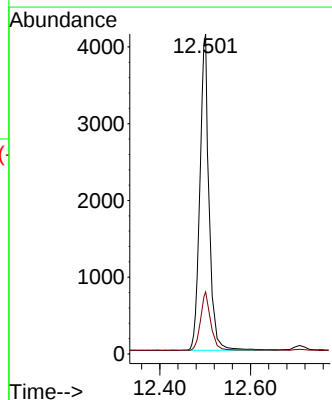
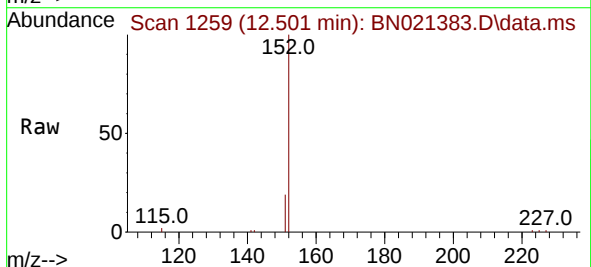
Instrument :
 BNA_N
 ClientSampleId :
 PB147233BL

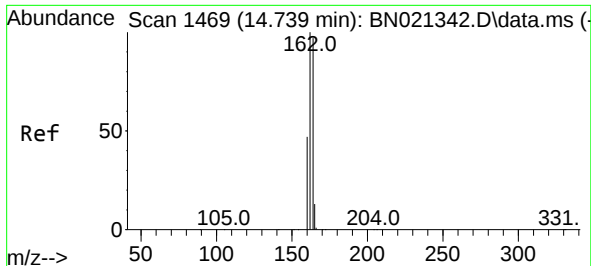
Tgt Ion: 82 Resp: 2832
 Ion Ratio Lower Upper
 82 100
 128 39.7 30.9 46.3
 54 50.6 42.7 64.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.380 ng
 RT: 12.501 min Scan# 1259
 Delta R.T. 0.004 min
 Lab File: BN021383.D
 Acq: 26 Aug 2022 13:45

Tgt Ion: 152 Resp: 8967
 Ion Ratio Lower Upper
 152 100
 151 20.3 14.5 21.7

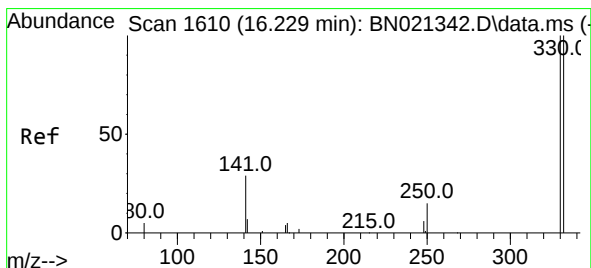
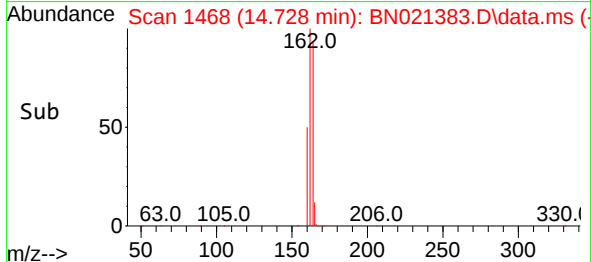
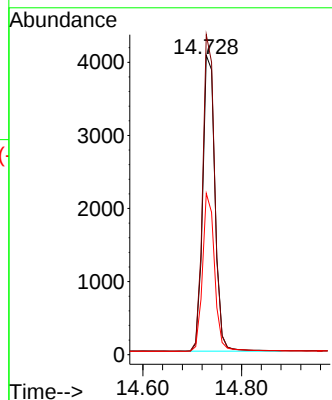
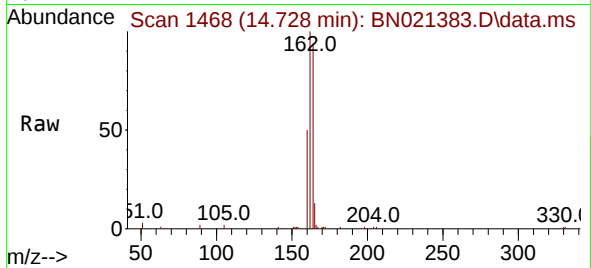




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

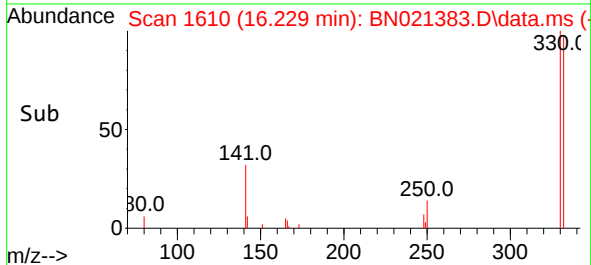
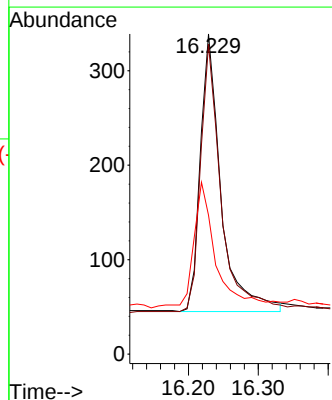
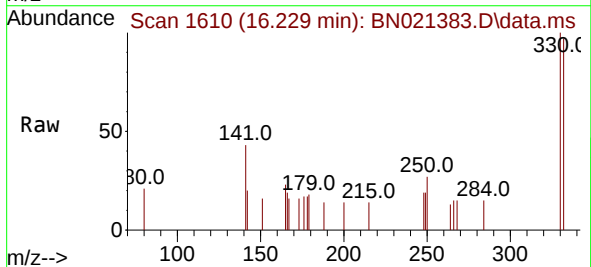
Instrument :
BNA_N
ClientSampleId :
PB147233BL

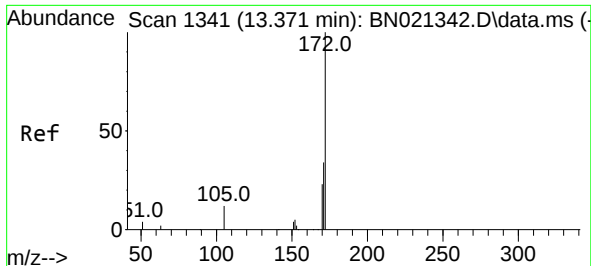
Tgt Ion:164 Resp: 6998
Ion Ratio Lower Upper
164 100
162 106.9 82.2 123.4
160 53.9 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.190 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.010 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

Tgt Ion:330 Resp: 609
Ion Ratio Lower Upper
330 100
332 95.2 79.3 118.9
141 49.1 37.1 55.7

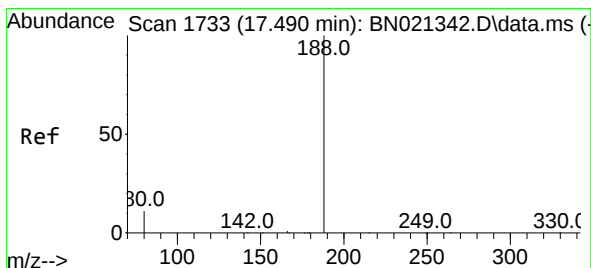
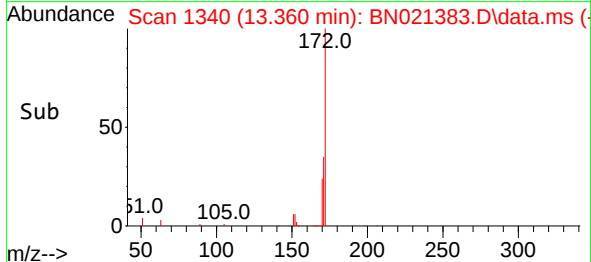
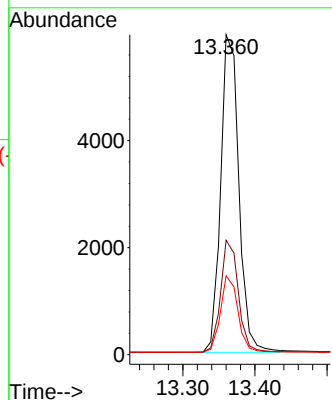
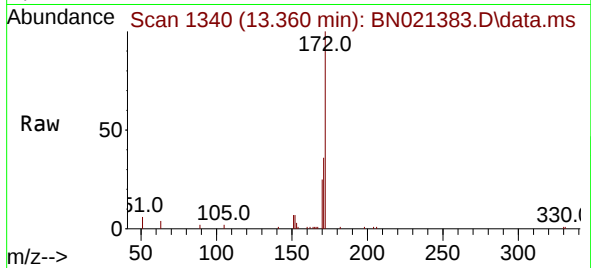




#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

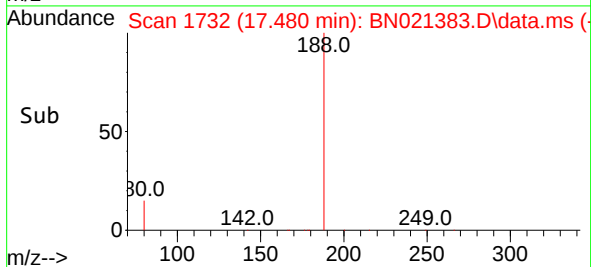
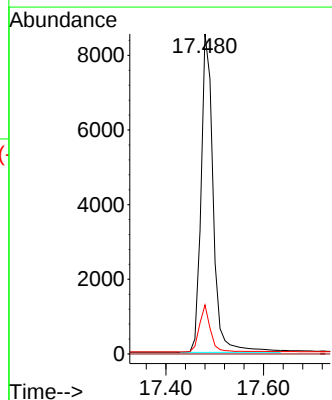
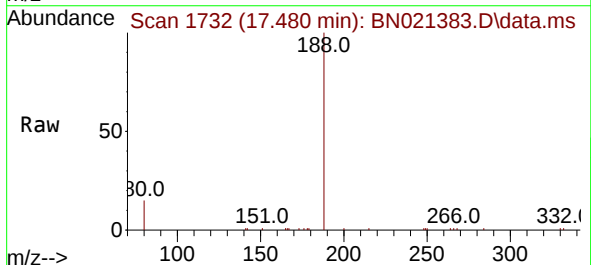
Instrument :
BNA_N
ClientSampleId :
PB147233BL

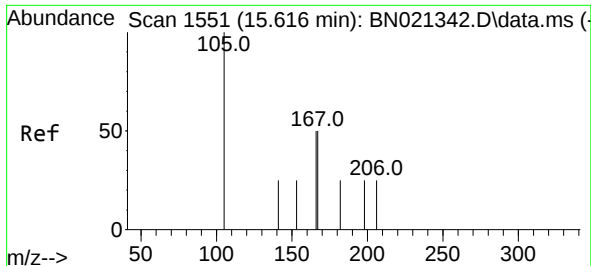
Tgt Ion:172 Resp: 10365
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 24.7 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

Tgt Ion:188 Resp: 14745
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 9.5 14.3#

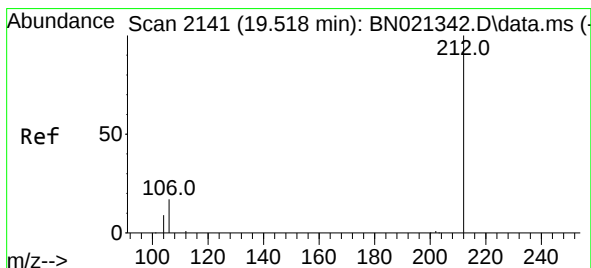
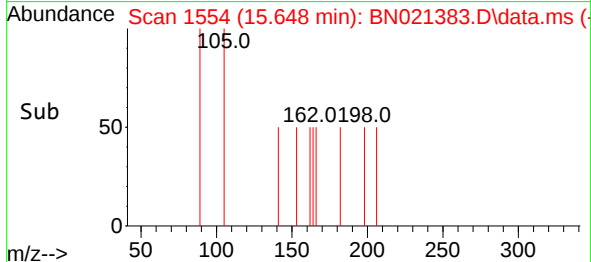
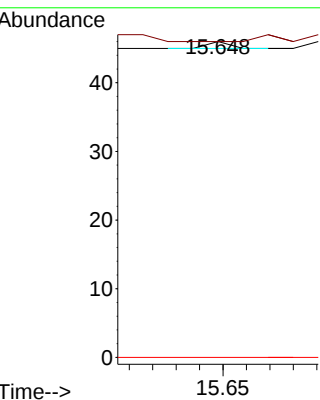
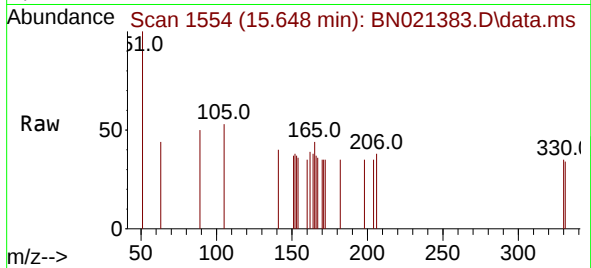




#20
4,6-Dinitro-2-methylphenol
Concen: 0.052 ng
RT: 15.648 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

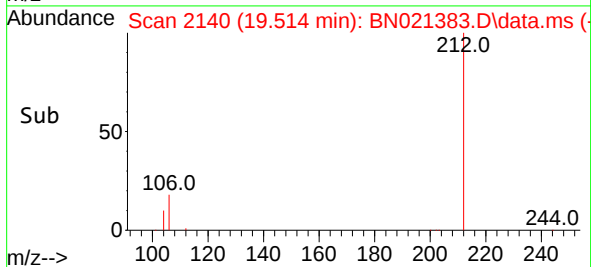
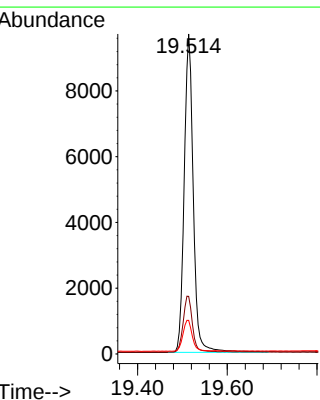
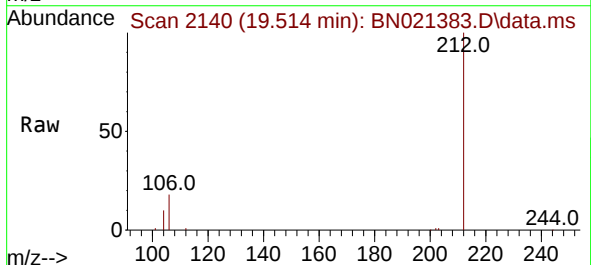
Instrument :
BNA_N
ClientSampleId :
PB147233BL

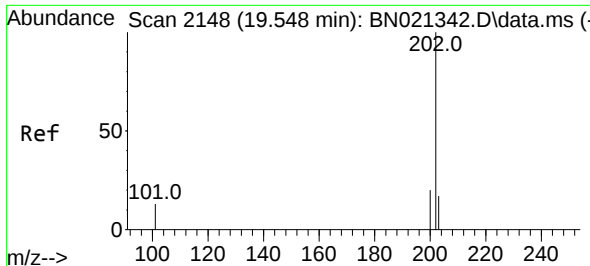
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 100.0 86.6 130.0
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.310 ng
RT: 19.514 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

Tgt Ion:212 Resp: 13646
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 10.0 7.8 11.6

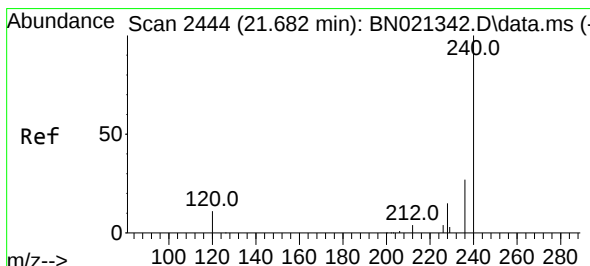
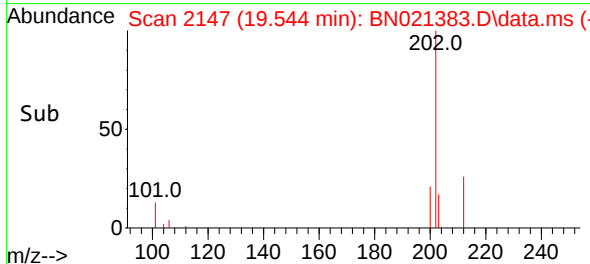
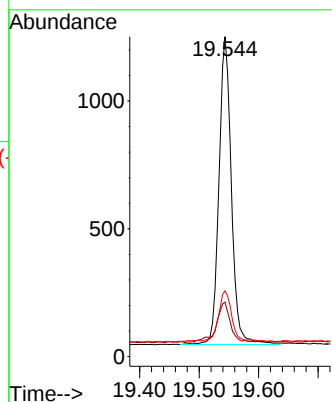
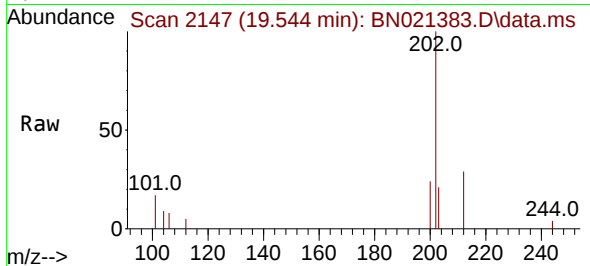




#28
Fluoranthene
Concen: 0.030 ng
RT: 19.544 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

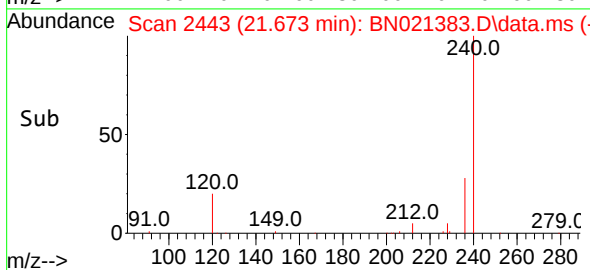
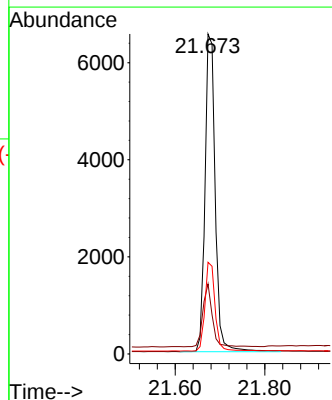
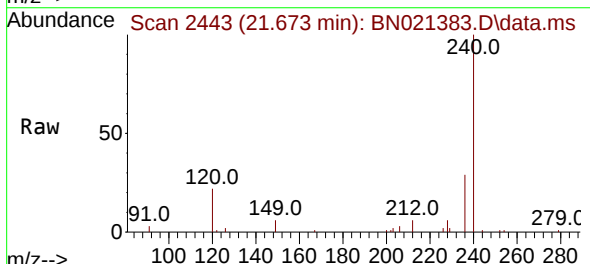
Instrument :
BNA_N
ClientSampleId :
PB147233BL

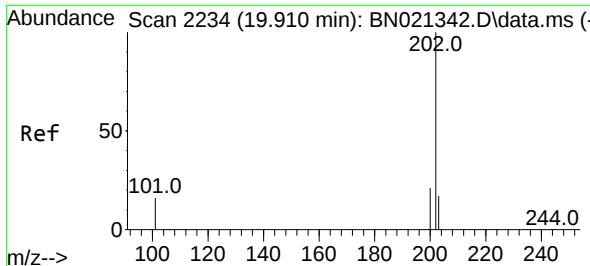
Tgt Ion:202 Resp: 1753
Ion Ratio Lower Upper
202 100
101 14.8 10.9 16.3
203 16.7 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

Tgt Ion:240 Resp: 10383
Ion Ratio Lower Upper
240 100
120 21.9 10.2 15.4#
236 28.7 22.1 33.1

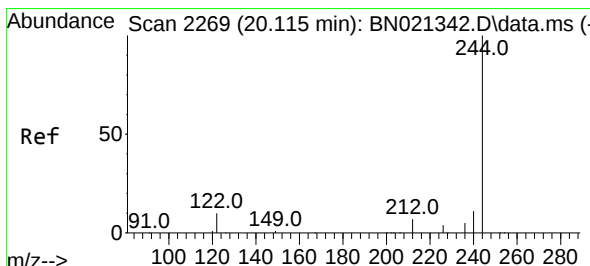
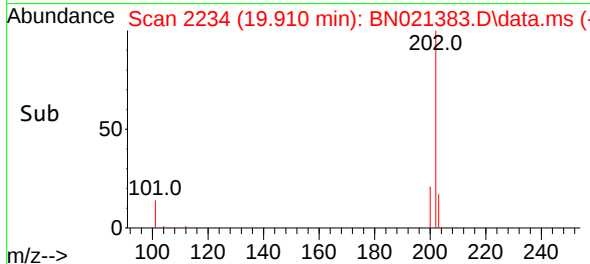
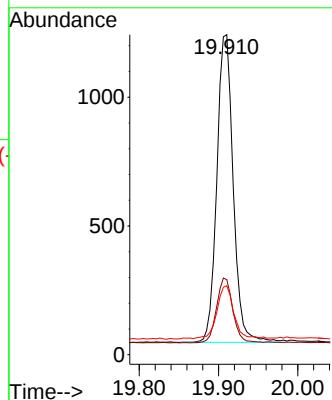
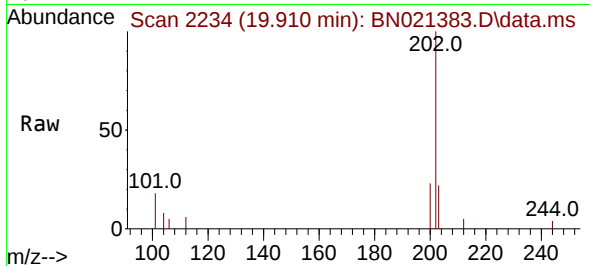




#30
Pyrene
Concen: 0.033 ng
RT: 19.910 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

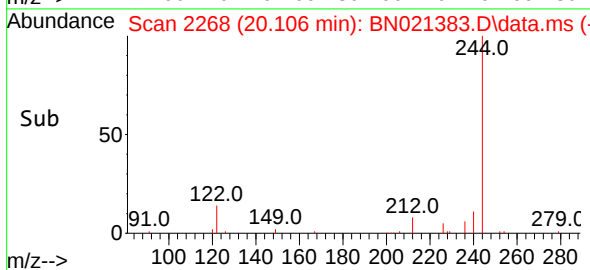
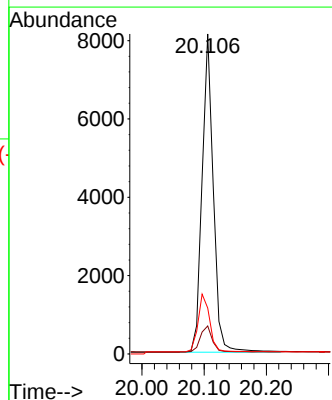
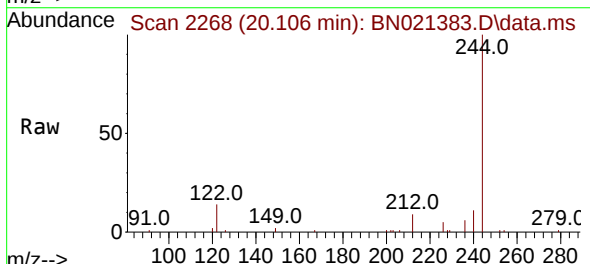
Instrument :
BNA_N
ClientSampleId :
PB147233BL

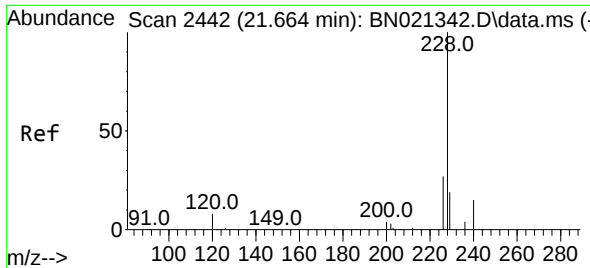
Tgt Ion:202 Resp: 1717
Ion Ratio Lower Upper
202 100
200 20.9 13.9 20.9
203 18.3 11.9 17.9#



#31
Terphenyl-d14
Concen: 0.464 ng
RT: 20.106 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

Tgt Ion:244 Resp: 10178
Ion Ratio Lower Upper
244 100
212 8.8 6.5 9.7
122 14.4 9.1 13.7#

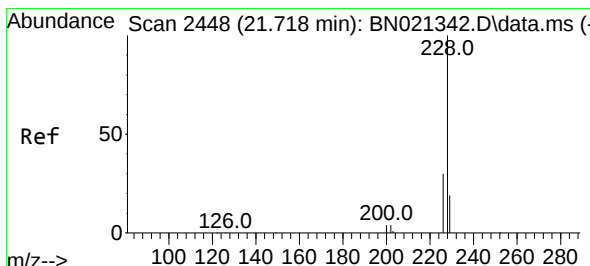
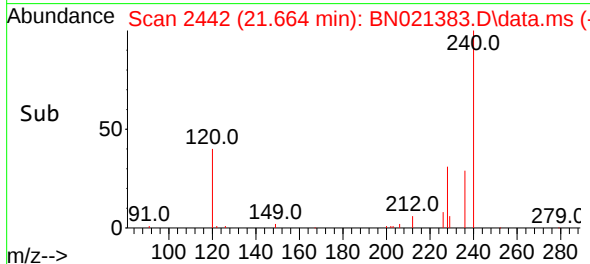
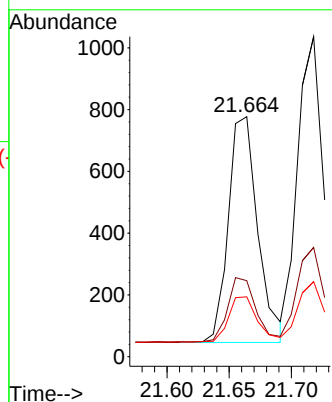
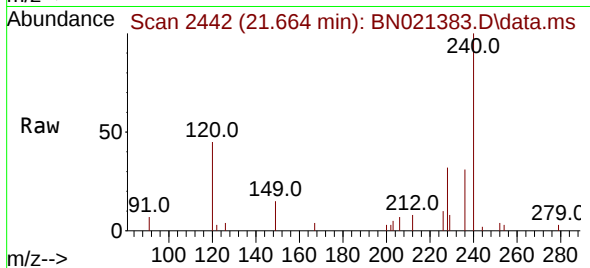




#32
Benzo(a)anthracene
Concen: 0.031 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.009 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

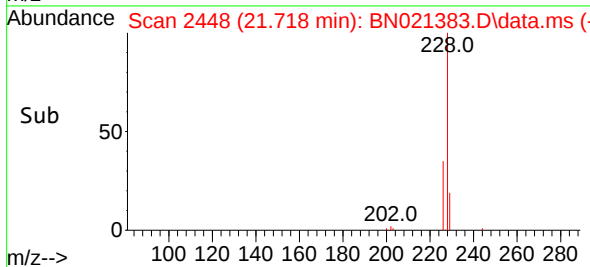
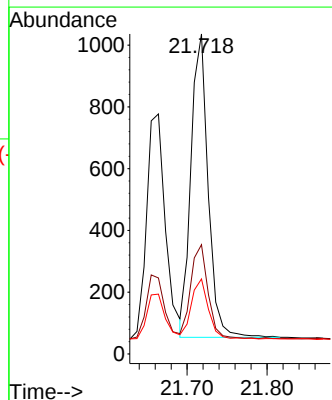
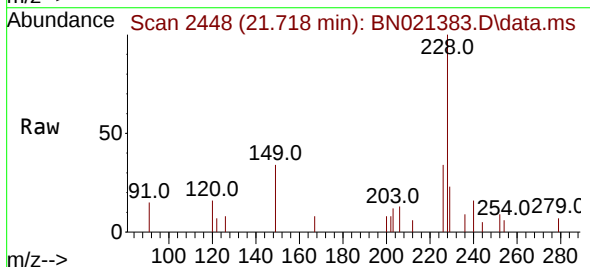
Instrument :
BNA_N
ClientSampleId :
PB147233BL

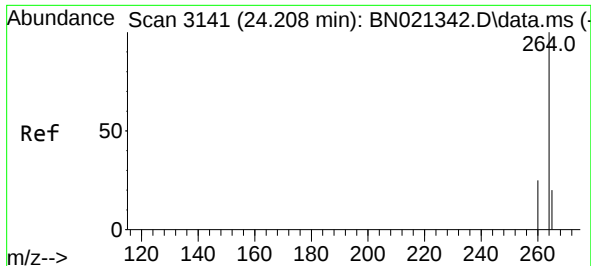
Tgt Ion:228 Resp: 1202
Ion Ratio Lower Upper
228 100
226 31.7 22.0 33.0
229 25.0 15.9 23.9#



#33
Chrysene
Concen: 0.034 ng
RT: 21.718 min Scan# 2448
Delta R.T. 0.009 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

Tgt Ion:228 Resp: 1461
Ion Ratio Lower Upper
228 100
226 34.2 24.2 36.2
229 23.5 15.9 23.9



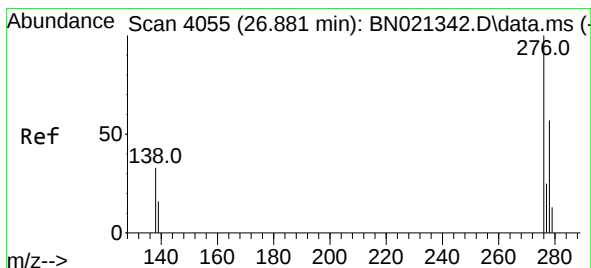
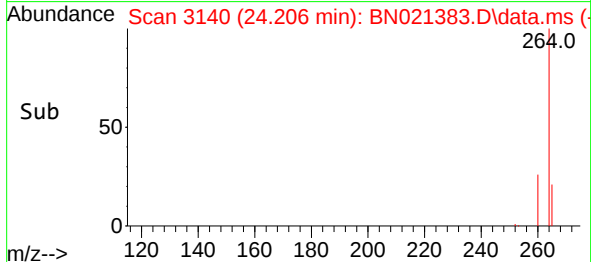
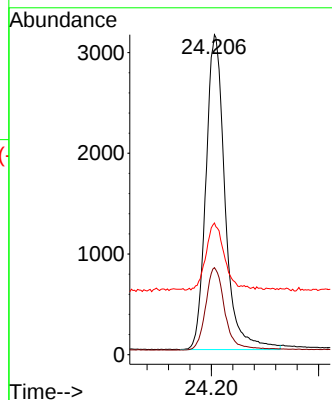
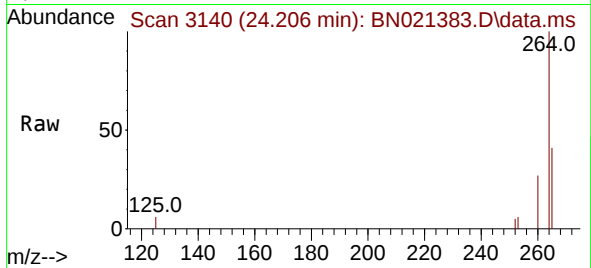


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.206 min Scan# 3141
Delta R.T. 0.003 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

Instrument :
BNA_N
ClientSampleId :
PB147233BL

Tgt Ion:264 Resp: 7746

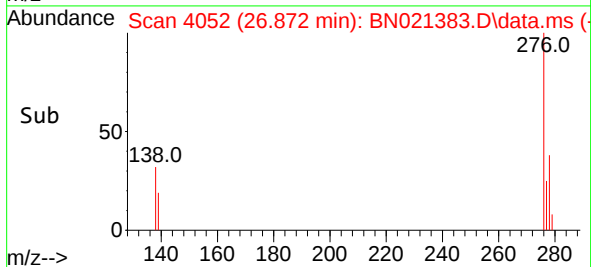
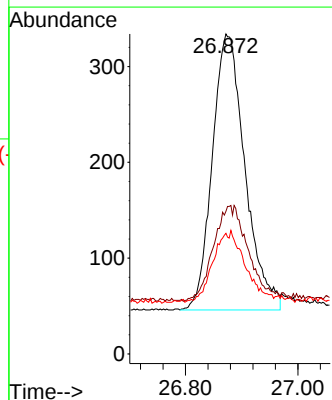
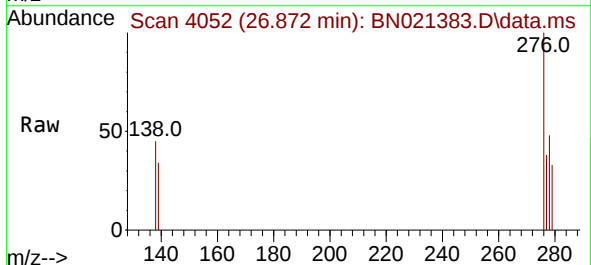
Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.6
265	41.2	32.2	48.2

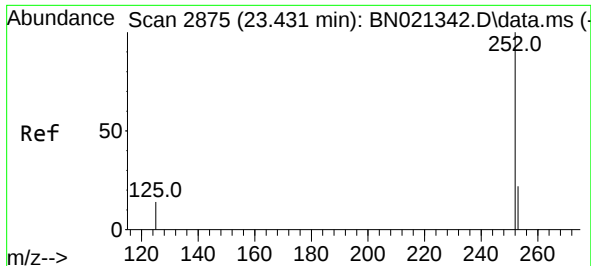


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng
RT: 26.872 min Scan# 4052
Delta R.T. 0.012 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

Tgt Ion:276 Resp: 1162

Ion	Ratio	Lower	Upper
276	100		
138	20.4	27.4	41.2#
277	13.0	19.9	29.9#

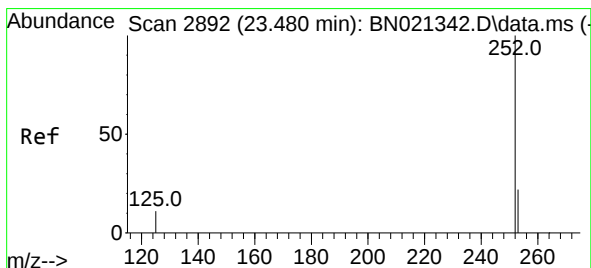
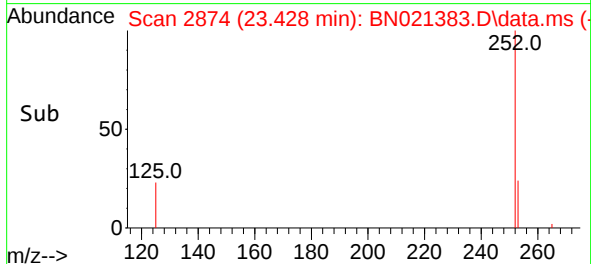
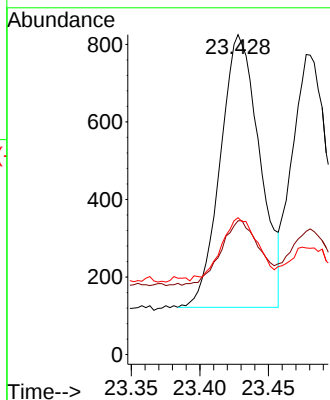
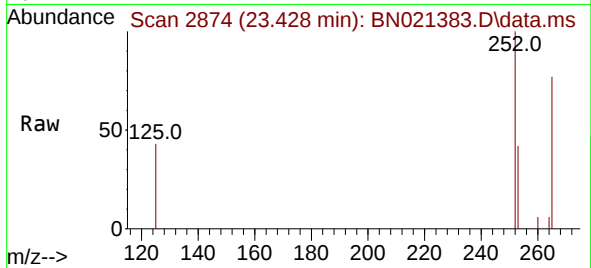




#37
Benzo(b)fluoranthene
Concen: 0.041 ng
RT: 23.428 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

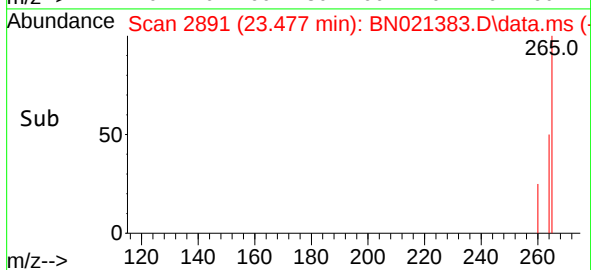
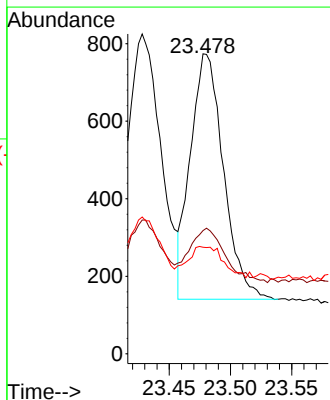
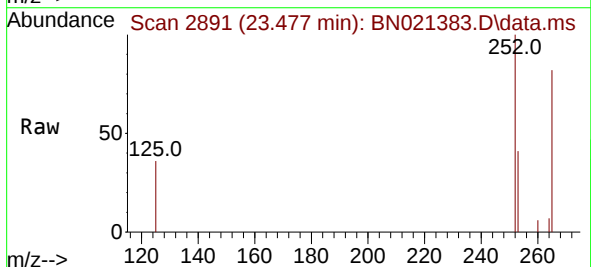
Instrument :
BNA_N
ClientSampleId :
PB147233BL

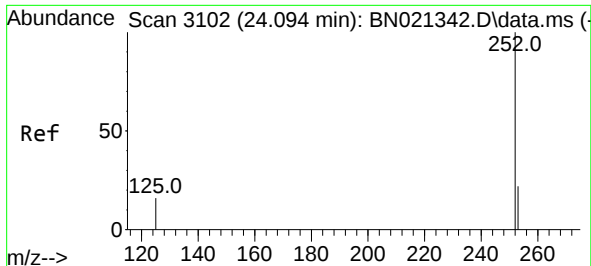
Tgt Ion:252 Resp: 1407
Ion Ratio Lower Upper
252 100
253 41.8 19.8 29.6#
125 42.8 13.7 20.5#



#38
Benzo(k)fluoranthene
Concen: 0.034 ng
RT: 23.477 min Scan# 2891
Delta R.T. 0.003 min
Lab File: BN021383.D
Acq: 26 Aug 2022 13:45

Tgt Ion:252 Resp: 1189
Ion Ratio Lower Upper
252 100
253 41.1 19.5 29.3#
125 35.5 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.034 ng

RT: 24.094 min Scan# 3102

Delta R.T. 0.006 min

Lab File: BN021383.D

Acq: 26 Aug 2022 13:45

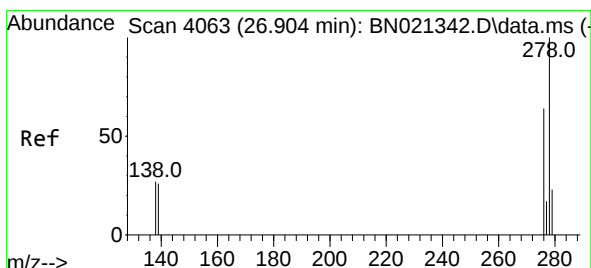
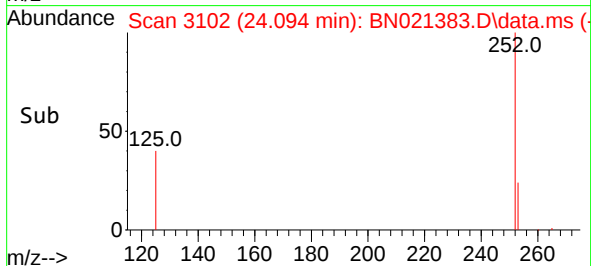
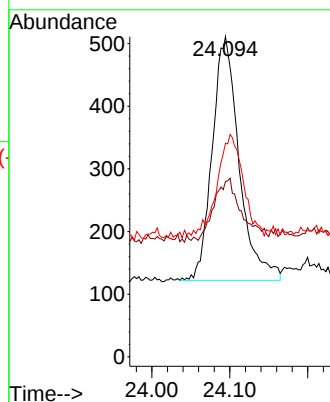
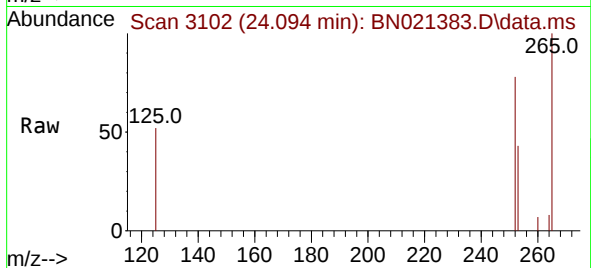
Instrument :

BNA_N

ClientSampleId :

PB147233BL

Tgt Ion:252	Resp:	934
Ion Ratio	Lower	Upper
252	100	
253	54.8	21.1 31.7#
125	66.7	16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.028 ng

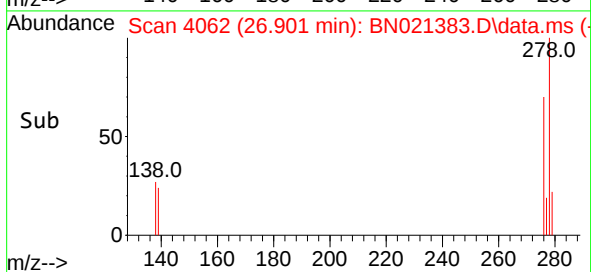
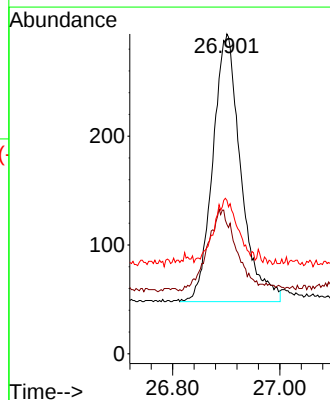
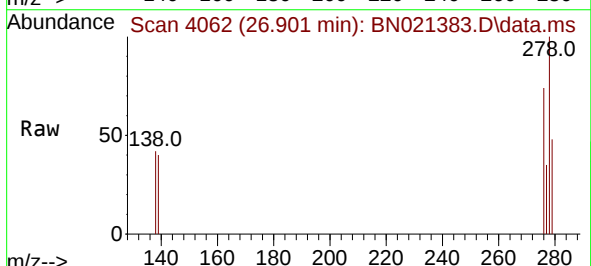
RT: 26.901 min Scan# 4062

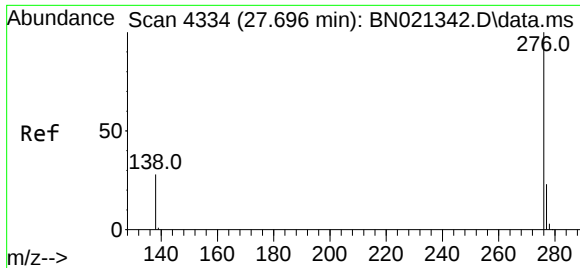
Delta R.T. 0.012 min

Lab File: BN021383.D

Acq: 26 Aug 2022 13:45

Tgt Ion:278	Resp:	892
Ion Ratio	Lower	Upper
278	100	
139	40.5	21.8 32.6#
279	48.0	20.4 30.6#





#41

Benzo(g,h,i)perylene

Concen: 0.032 ng

RT: 27.688 min Scan# 41

Delta R.T. 0.006 min

Lab File: BN021383.D

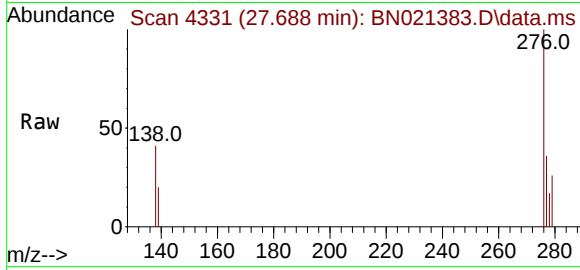
Acq: 26 Aug 2022 13:45

Instrument :

BNA_N

ClientSampleId :

PB147233BL



Tgt Ion:276 Resp: 1101

Ion Ratio Lower Upper

276 100

277 35.5 19.7 29.5#

138 41.1 23.7 35.5#

