

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016838.D
 Acq On : 08 Oct 2021 11:08
 Operator : CG/JU
 Sample : M4045-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-842-R-SO-1-1.5-100121

Quant Time: Oct 08 12:20:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 01:39:08 2021
 Response via : Initial Calibration

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

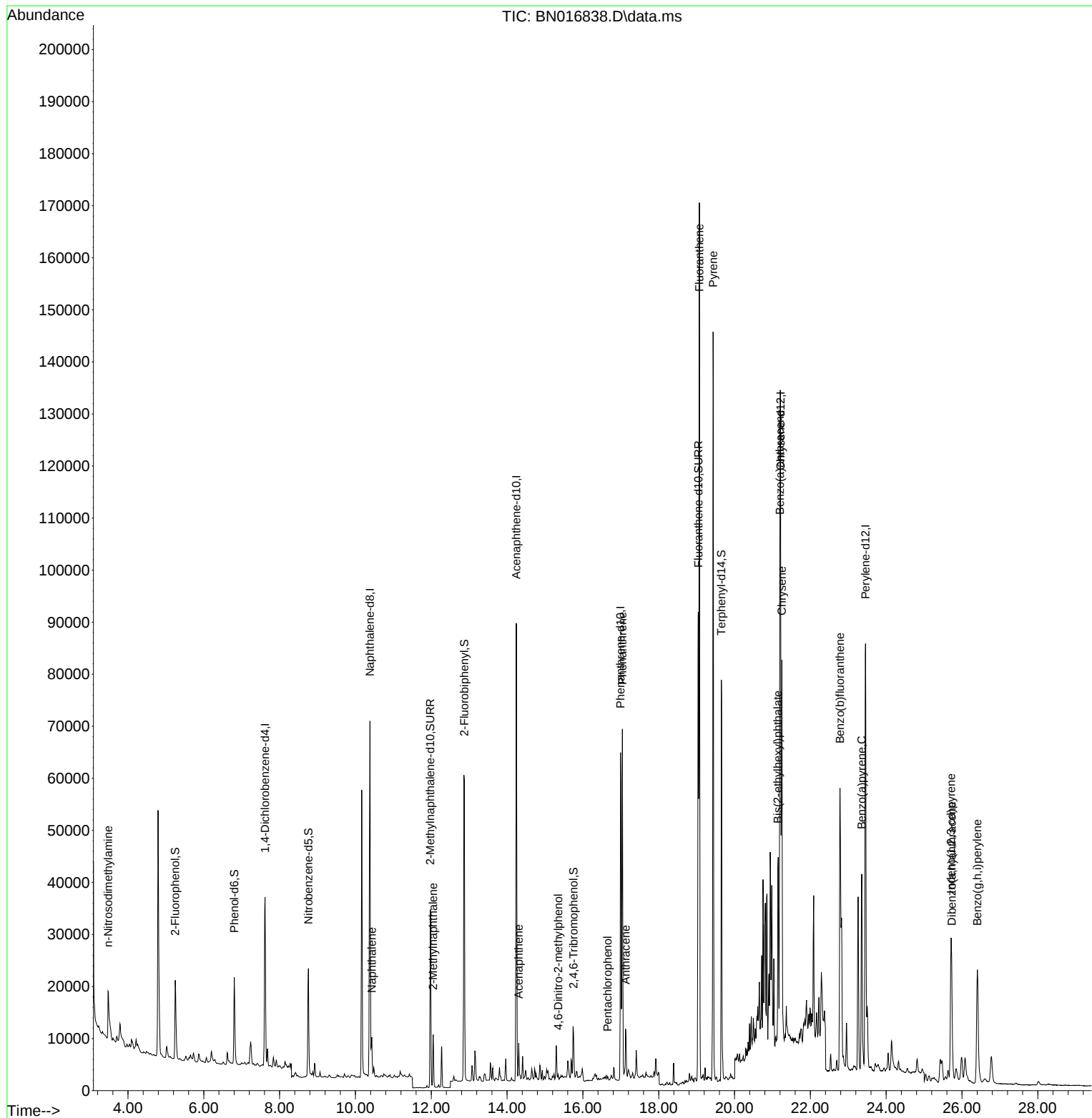
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	19661	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	90097	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	48565	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	94634	0.400	ng	#-0.01
29) Chrysene-d12	21.217	240	97490	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	107744	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	17048	0.347	ng	0.02
5) Phenol-d6	6.803	99	17944	0.321	ng	0.00
8) Nitrobenzene-d5	8.759	82	19382	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	47130	0.351	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	7273	0.289	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	59849	0.305	ng	0.00
27) Fluoranthene-d10	19.043	212	98943	0.376	ng	0.00
31) Terphenyl-d14	19.654	244	77307	0.364	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.475	42	3094	0.201	ng	# 1
9) Naphthalene	10.432	128	9680	0.039	ng	97
12) 2-Methylnaphthalene	12.052	142	7304	0.047	ng	99
17) Acenaphthene	14.307	154	3220	0.023	ng	94
20) 4,6-Dinitro-2-methylph...	15.347	198	7	0.208	ng	# 1
24) Pentachlorophenol	16.652	266	88	0.106	ng	98
25) Phenanthrene	17.042	178	69213	0.246	ng	100
26) Anthracene	17.127	178	10079	0.040	ng	# 93
28) Fluoranthene	19.073	202	149768	0.474	ng	100
30) Pyrene	19.435	202	126483	0.422	ng	# 96
32) Benzo(a)anthracene	21.195	228	64053	0.212	ng	98
33) Chrysene	21.249	228	66317	0.216	ng	96
34) Bis(2-ethylhexyl)phtha...	21.142	149	42793	0.279	ng	92
36) Indeno(1,2,3-cd)pyrene	25.713	276	44549	0.109	ng	97
37) Benzo(b)fluoranthene	22.783	252	88808	0.260	ng	# 95
39) Benzo(a)pyrene	23.354	252	54563	0.175	ng	94
40) Dibenzo(a,h)anthracene	25.730	278	10738	0.032	ng	# 70
41) Benzo(g,h,i)perylene	26.404	276	46452	0.131	ng	98

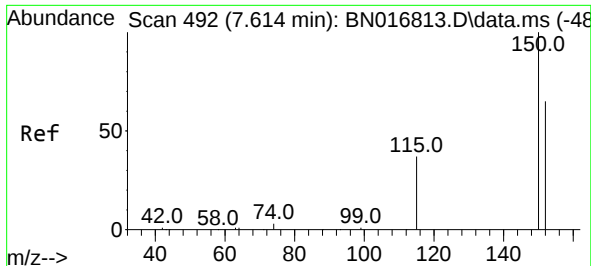
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016838.D
Acq On : 08 Oct 2021 11:08
Operator : CG/JU
Sample : M4045-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

Quant Time: Oct 08 12:20:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration

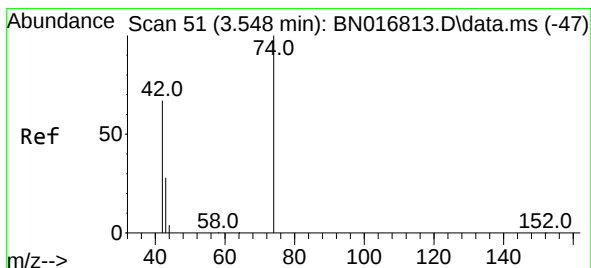
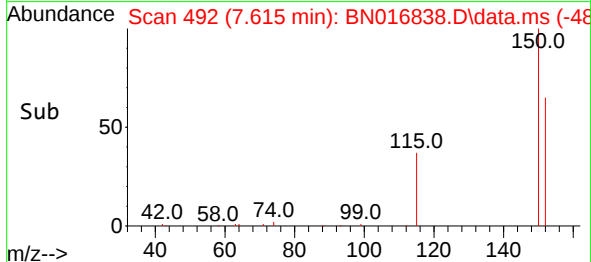
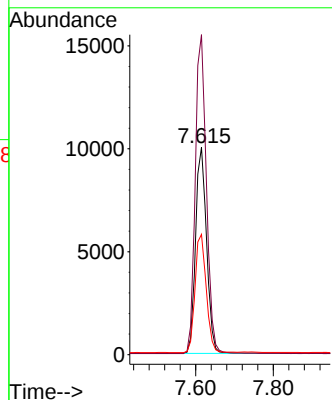
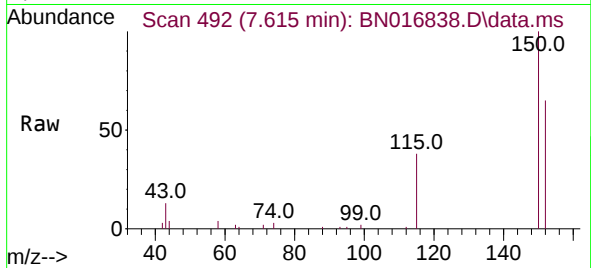




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

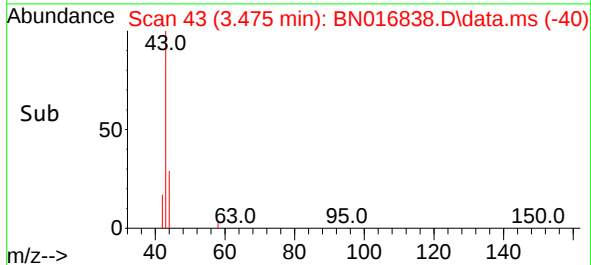
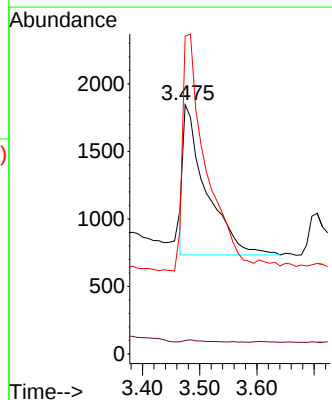
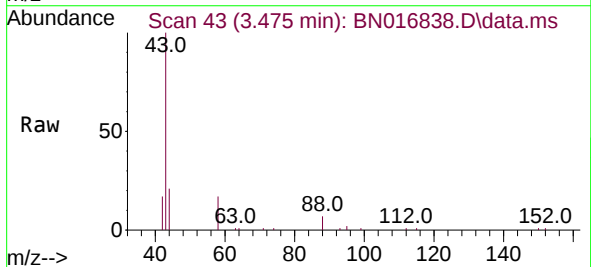
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

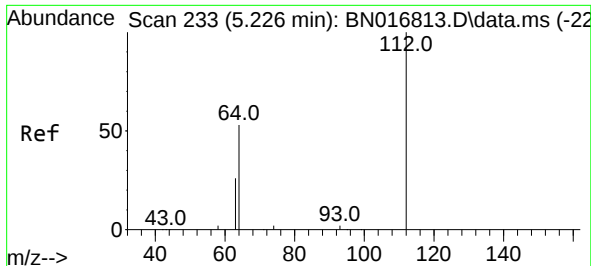
Tgt Ion:152 Resp: 19661
Ion Ratio Lower Upper
152 100
150 154.3 123.3 184.9
115 58.0 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.201 ng
RT: 3.475 min Scan# 43
Delta R.T. -0.074 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion: 42 Resp: 3094
Ion Ratio Lower Upper
42 100
74 1.4 124.0 186.0#
44 143.5 5.6 8.4#

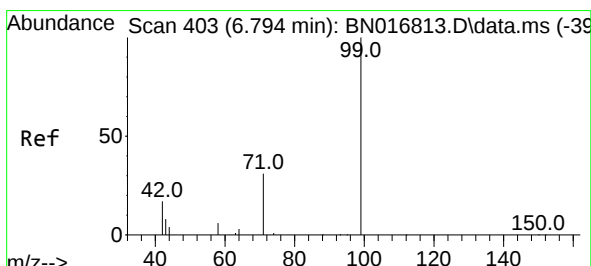
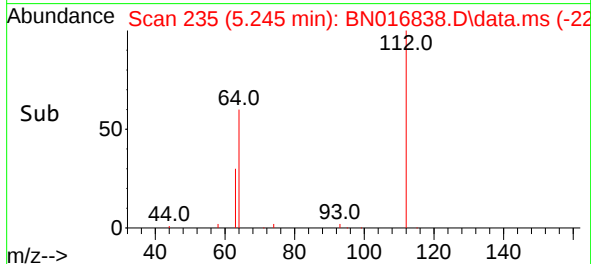
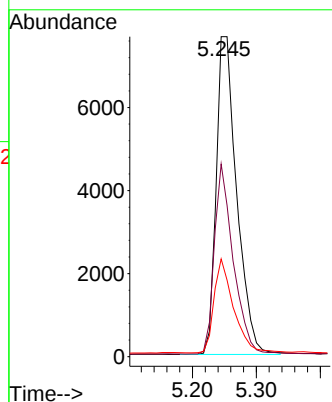
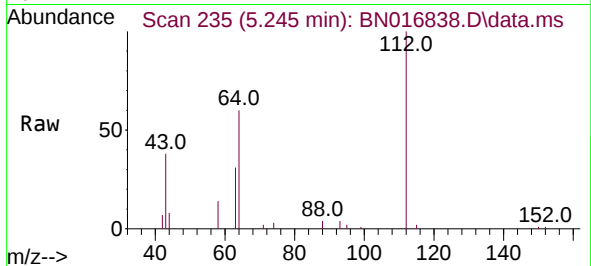




#4
2-Fluorophenol
Concen: 0.347 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.019 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

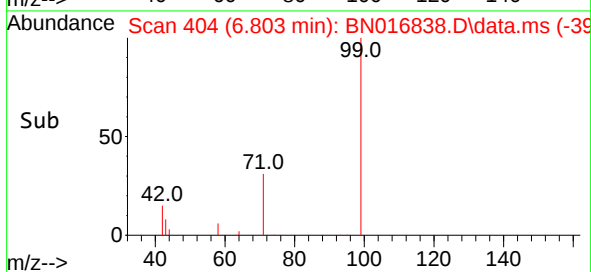
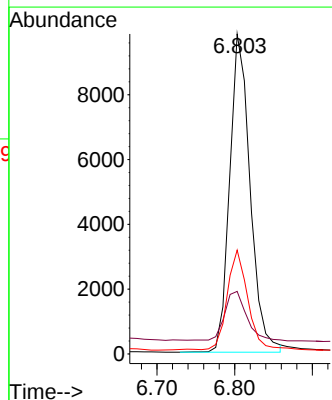
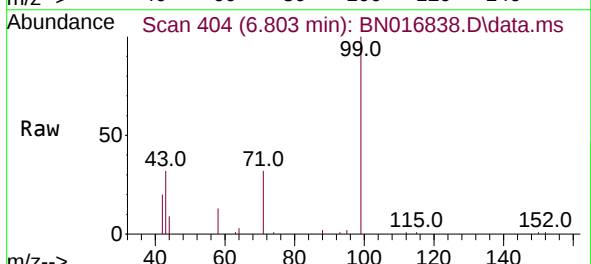
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

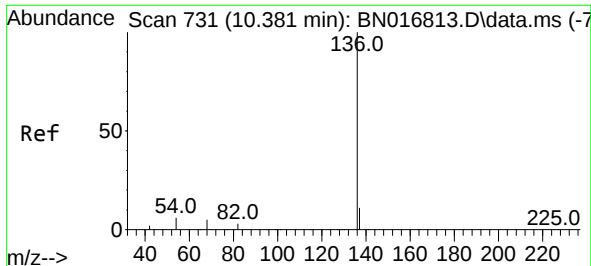
Tgt Ion: 112 Resp: 17048
Ion Ratio Lower Upper
112 100
64 55.0 42.9 64.3
63 28.2 21.5 32.3



#5
Phenol-d6
Concen: 0.321 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion: 99 Resp: 17944
Ion Ratio Lower Upper
99 100
42 15.9 13.4 20.2
71 31.7 24.0 36.0

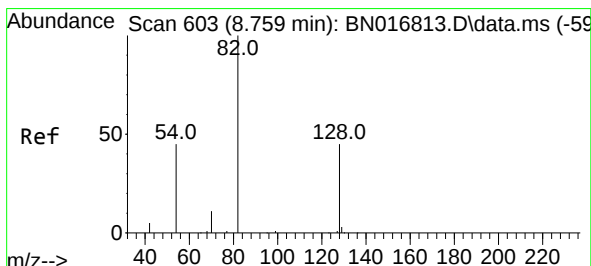
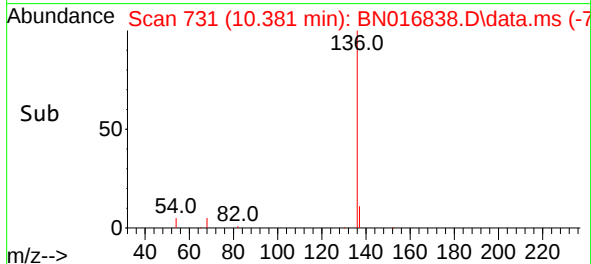
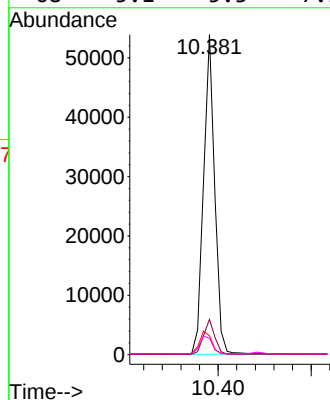
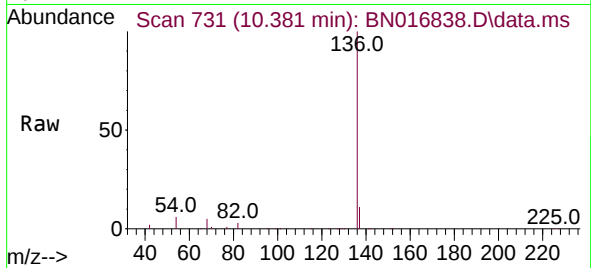




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

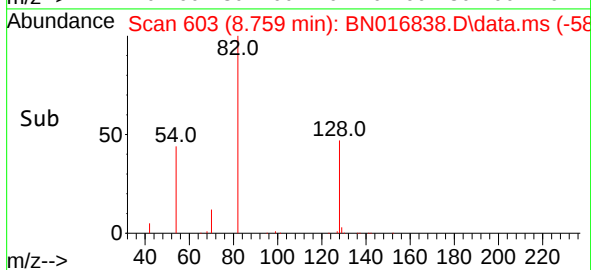
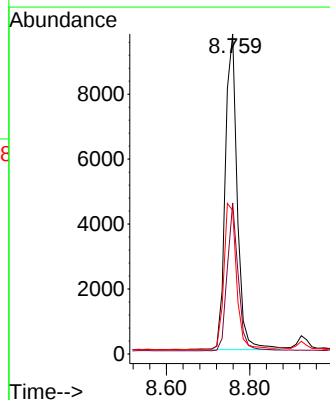
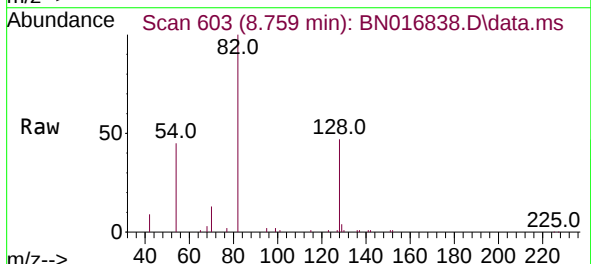
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

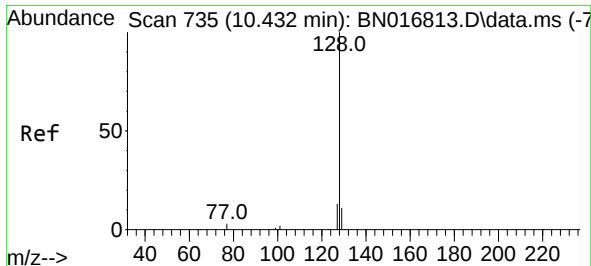
Tgt Ion:	136	Resp:	90097
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	5.9	6.5	9.7#
68	5.1	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:	82	Resp:	19382
Ion Ratio	Lower	Upper	
82	100		
128	47.2	33.8	50.6
54	44.9	38.5	57.7

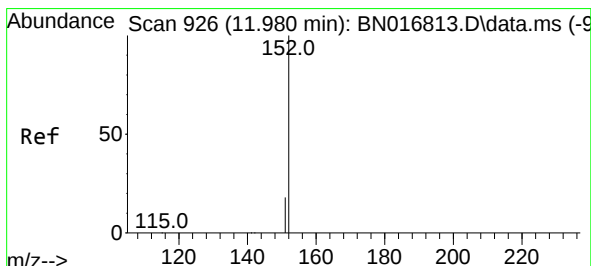
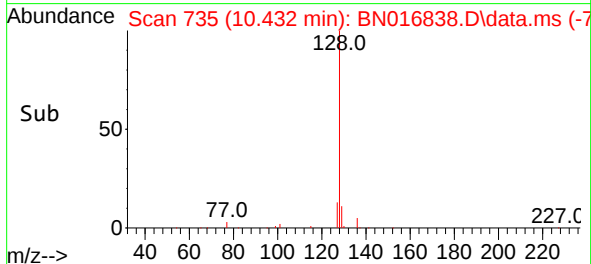
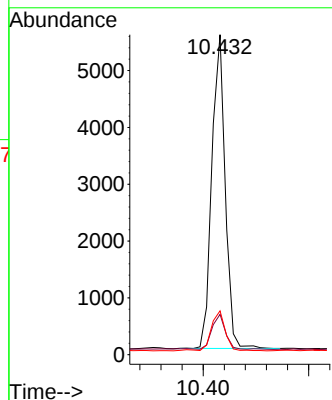
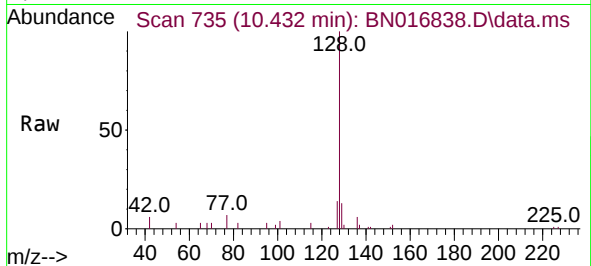




#9
Naphthalene
Concen: 0.039 ng
RT: 10.432 min Scan# 735
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

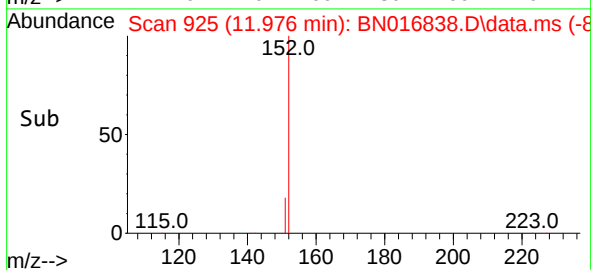
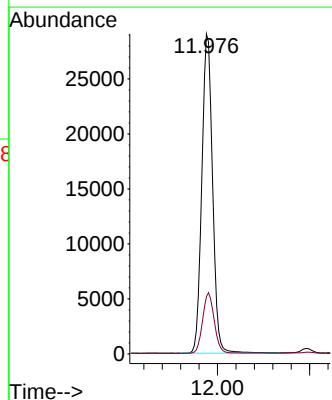
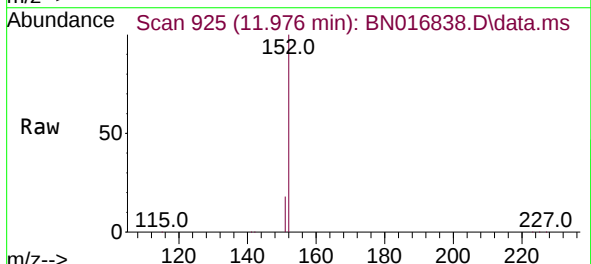
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

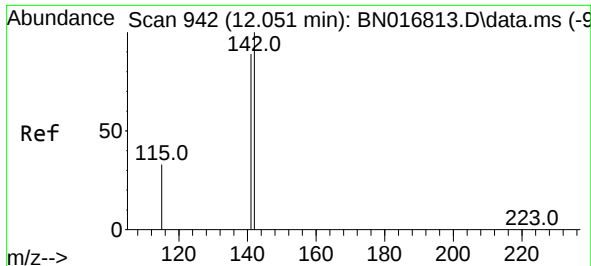
Tgt Ion:	128	Resp:	9680
Ion Ratio	Lower	Upper	
128	100		
129	12.6	8.7	13.1
127	13.7	10.3	15.5



#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:	152	Resp:	47130
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4

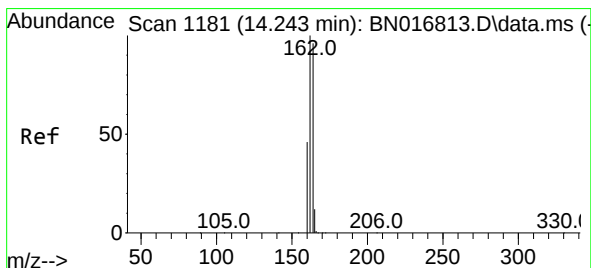
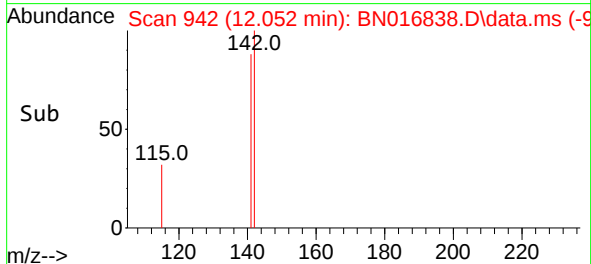
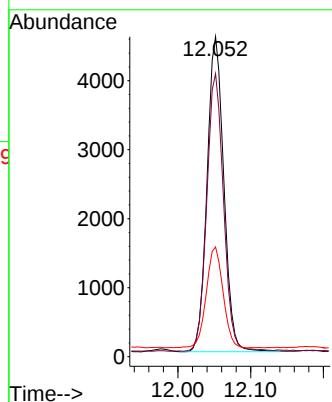
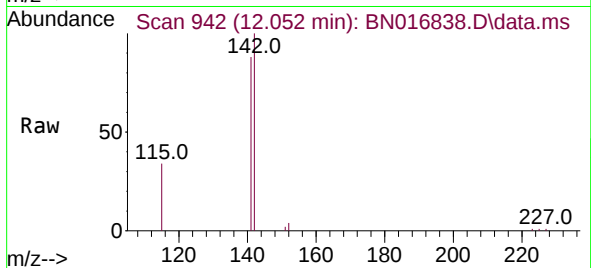




#12
2-Methylnaphthalene
Concen: 0.047 ng
RT: 12.052 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

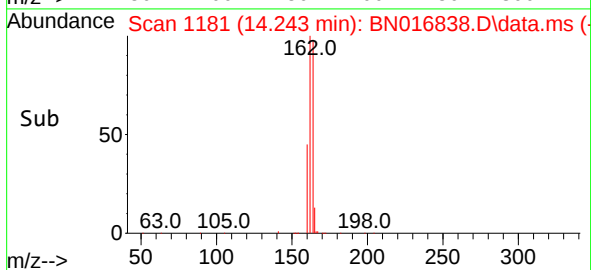
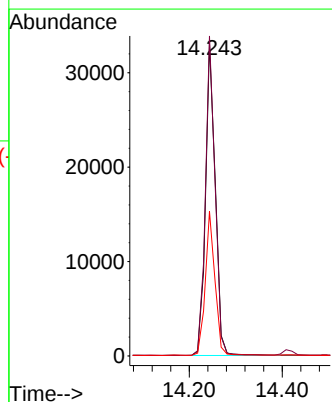
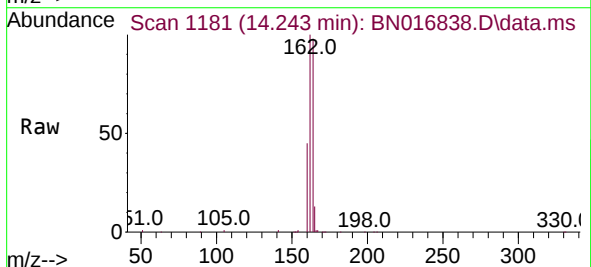
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

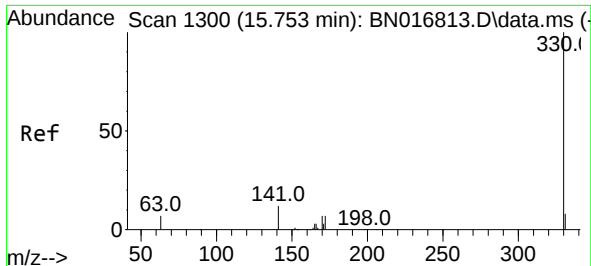
Tgt Ion:142 Resp: 7304
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0
115 34.3 26.1 39.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:164 Resp: 48565
Ion Ratio Lower Upper
164 100
162 102.4 82.6 124.0
160 46.3 38.2 57.2

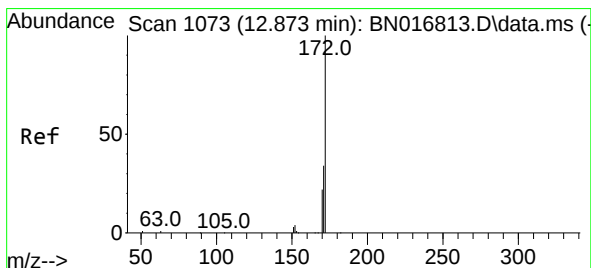
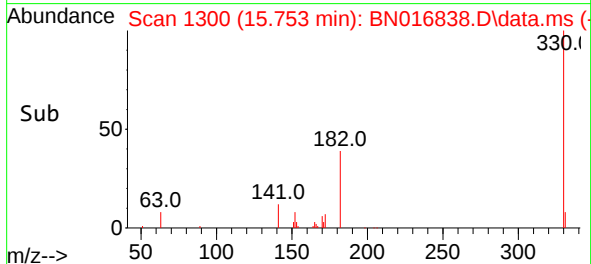
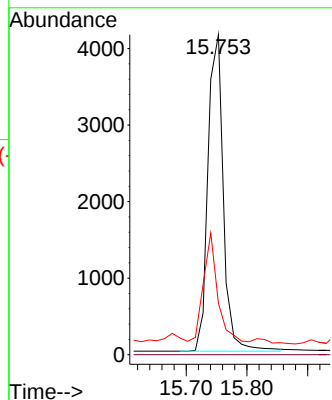
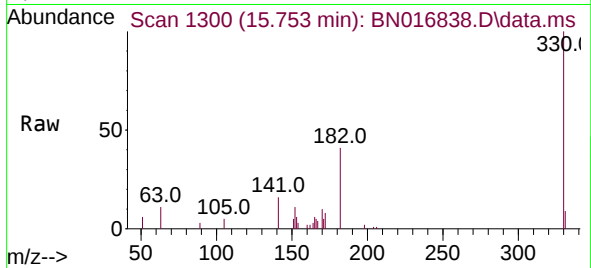




#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

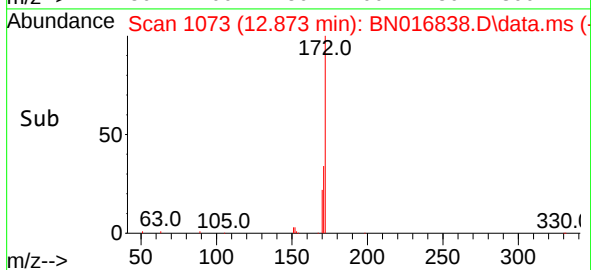
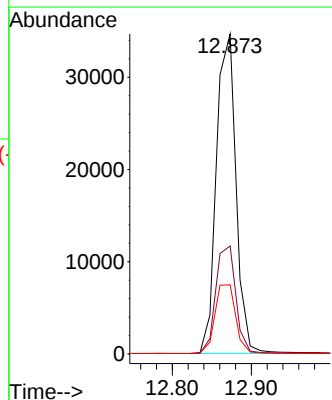
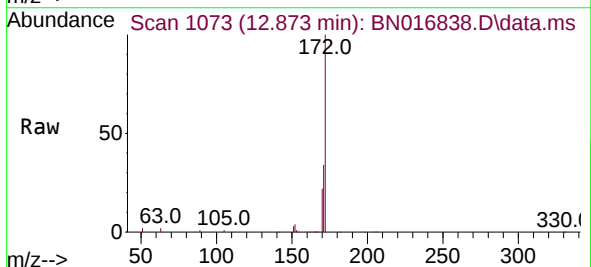
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

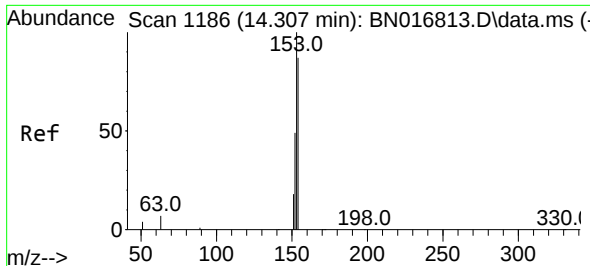
Tgt Ion:330 Resp: 7273
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.5 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:172 Resp: 59849
Ion Ratio Lower Upper
172 100
171 33.8 26.9 40.3
170 21.6 17.4 26.0

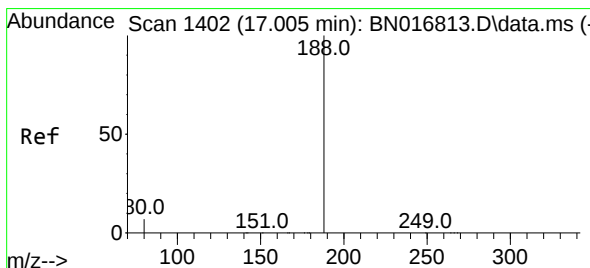
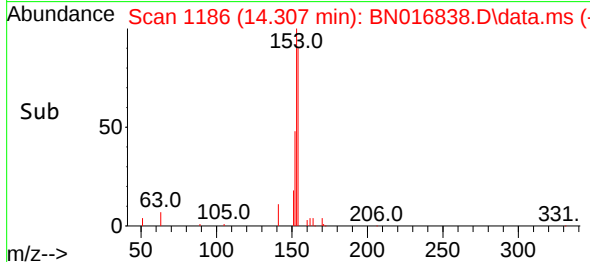
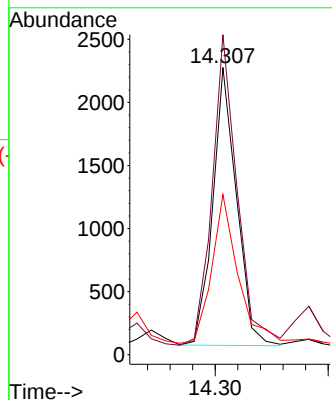
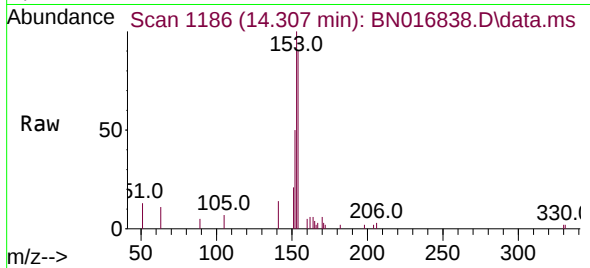




#17
Acenaphthene
Concen: 0.023 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

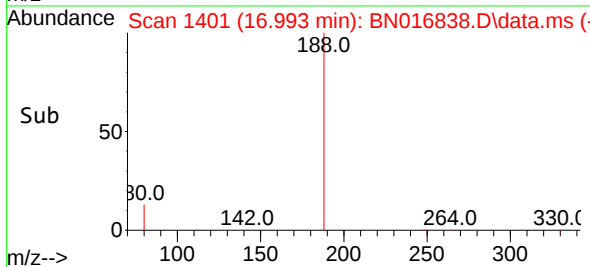
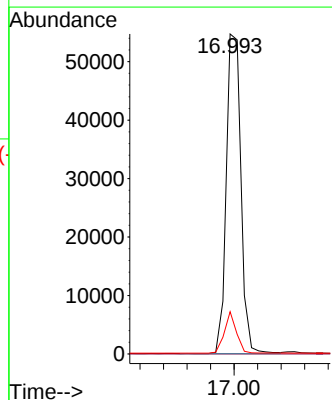
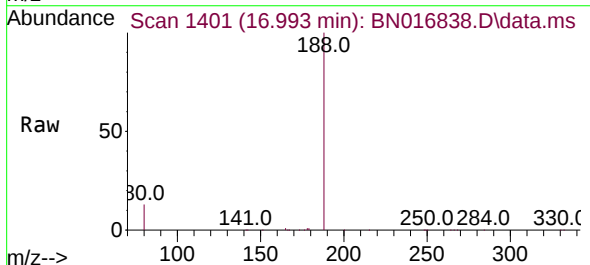
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

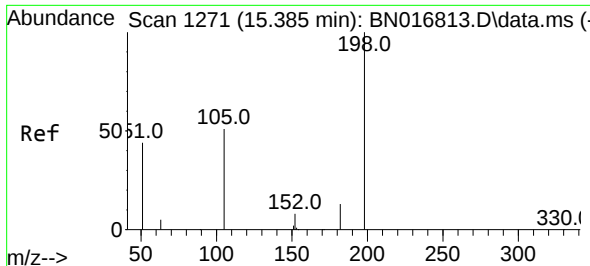
Tgt Ion:154 Resp: 3220
Ion Ratio Lower Upper
154 100
153 117.3 90.1 135.1
152 61.8 43.6 65.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:188 Resp: 94634
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 5.8 8.8#

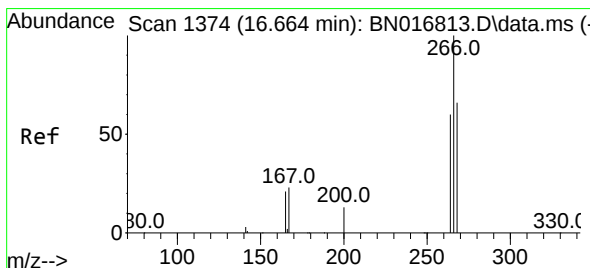
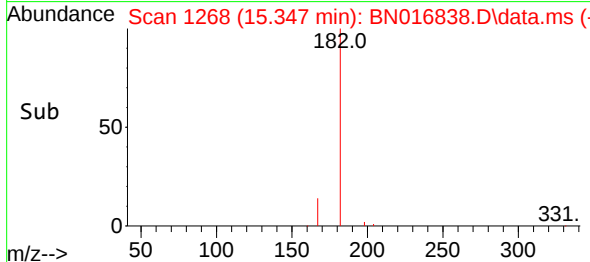
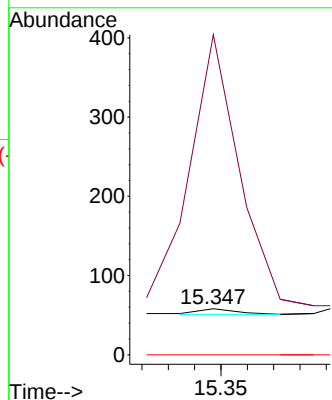
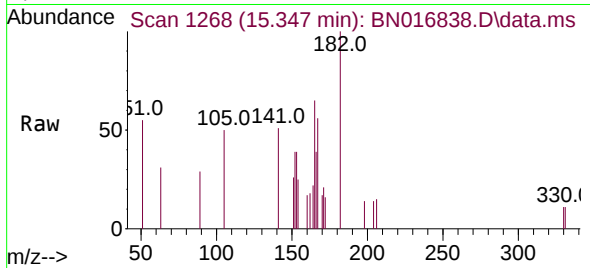




#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.038 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

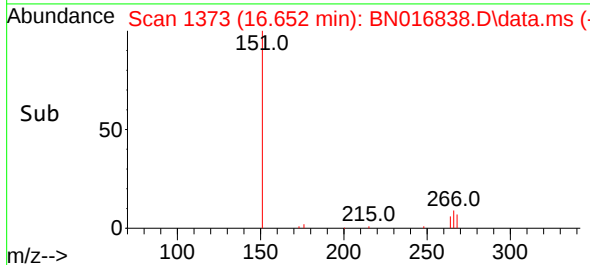
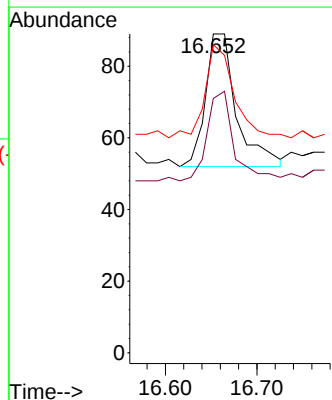
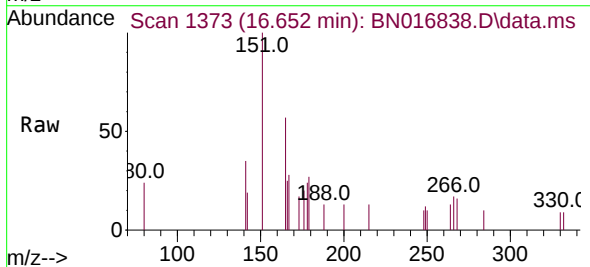
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

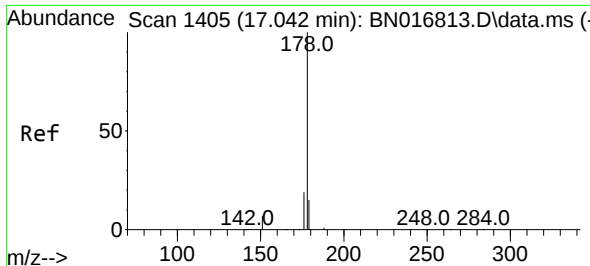
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 696.6 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.106 ng
RT: 16.652 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:266 Resp: 88
Ion Ratio Lower Upper
266 100
264 59.1 49.3 73.9
268 65.9 51.8 77.8

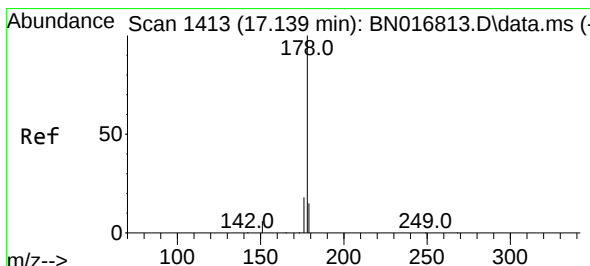
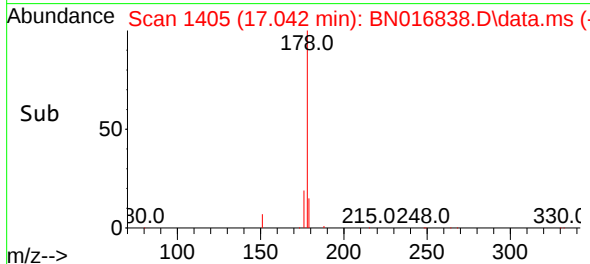
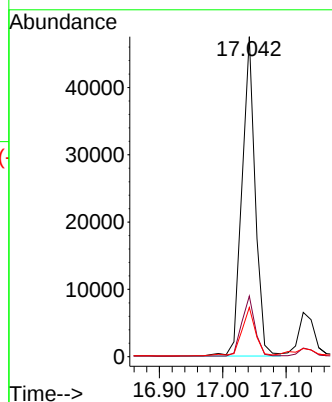
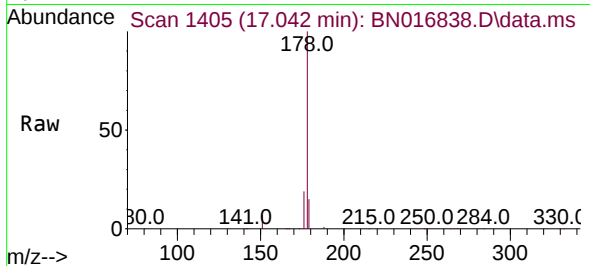




#25
Phenanthrene
Concen: 0.246 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

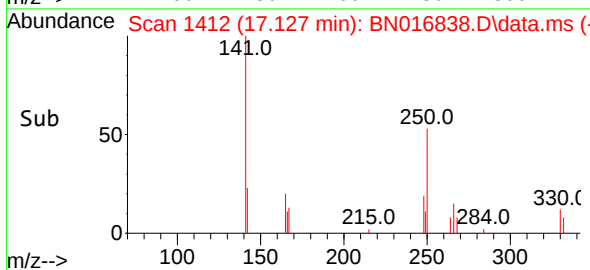
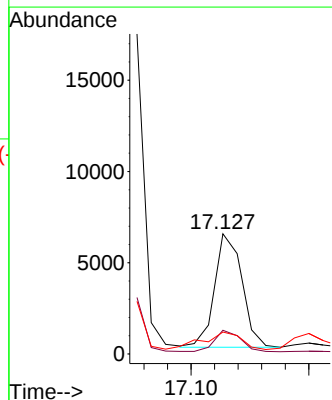
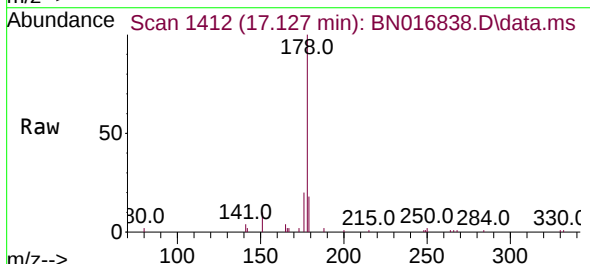
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

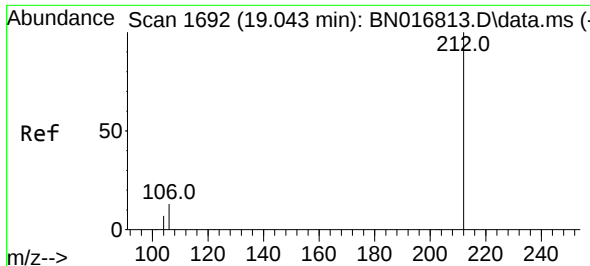
Tgt Ion:178 Resp: 69213
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.9 12.4 18.6



#26
Anthracene
Concen: 0.040 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:178 Resp: 10079
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 21.3 12.2 18.4#

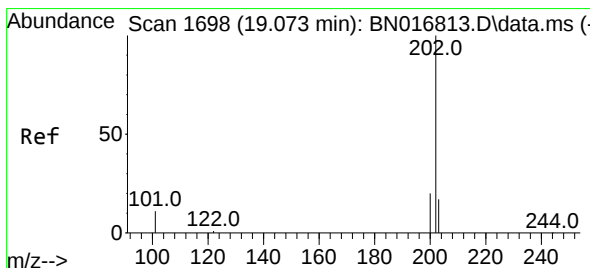
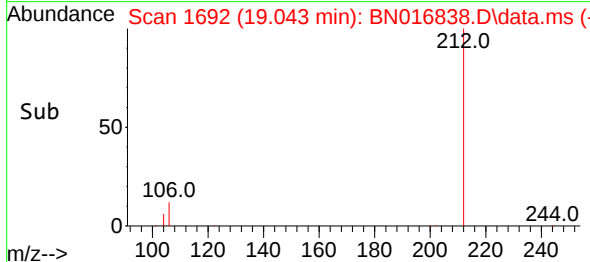
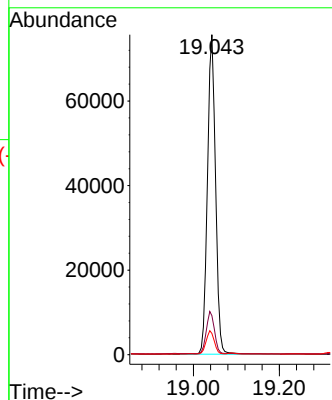
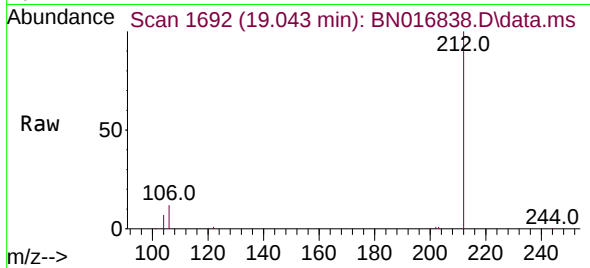




#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

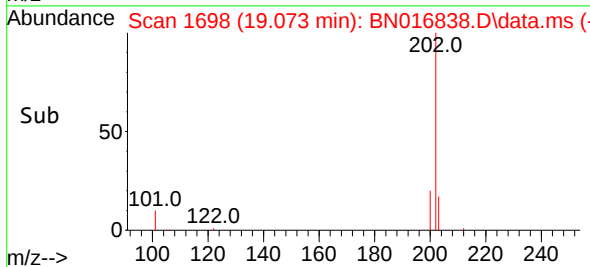
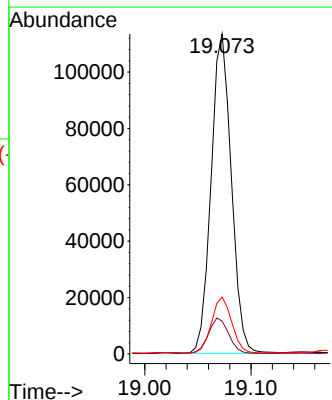
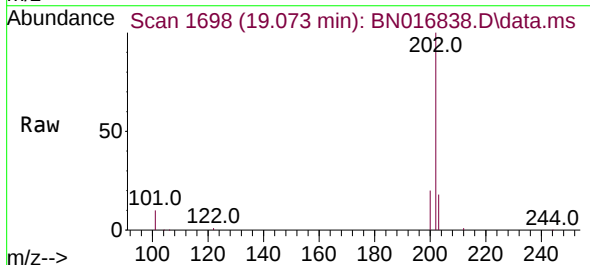
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

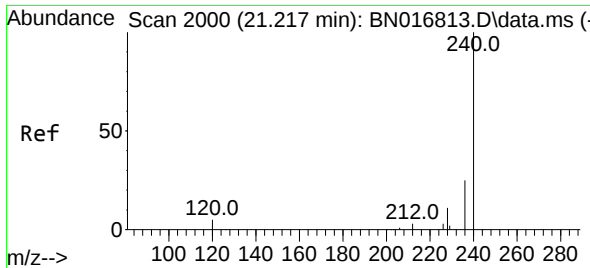
Tgt Ion:212 Resp: 98943
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.2 5.8 8.8



#28
Fluoranthene
Concen: 0.474 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:202 Resp: 149768
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
203 17.3 13.8 20.8

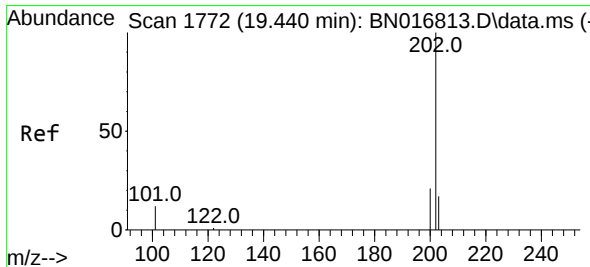
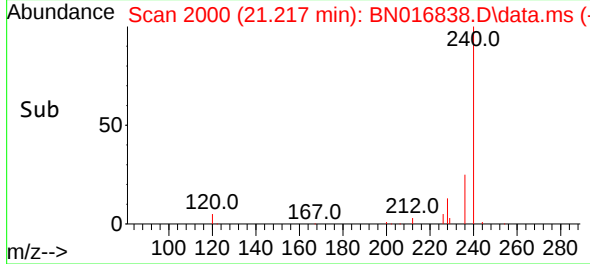
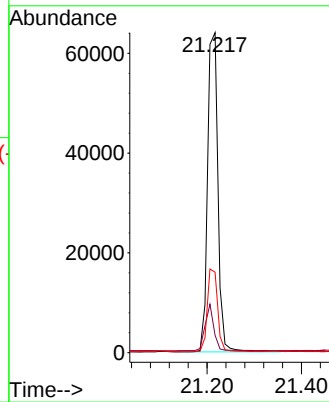
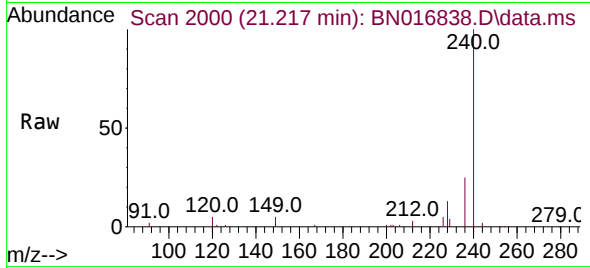




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

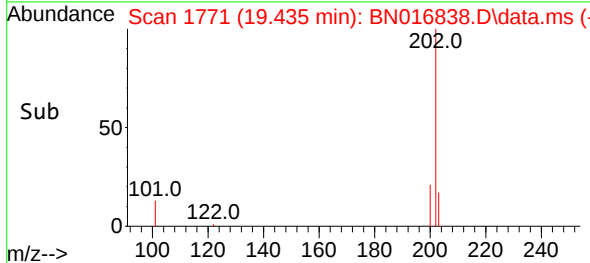
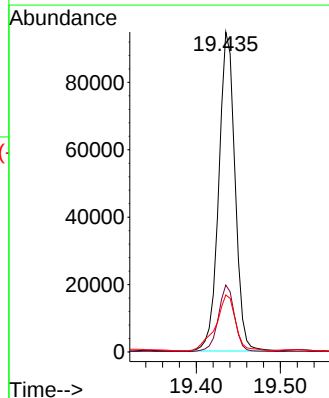
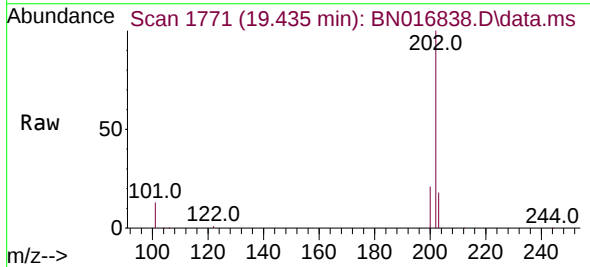
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

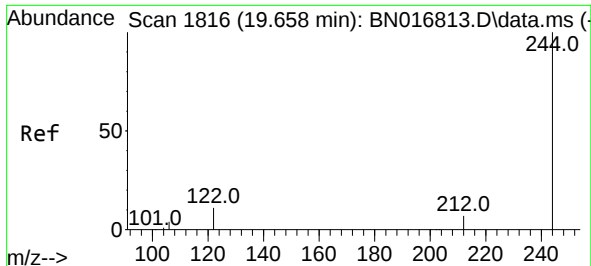
Tgt Ion:240 Resp: 97490
Ion Ratio Lower Upper
240 100
120 5.4 6.6 10.0#
236 25.1 20.7 31.1



#30
Pyrene
Concen: 0.422 ng
RT: 19.435 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:202 Resp: 126483
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 21.3 13.9 20.9#

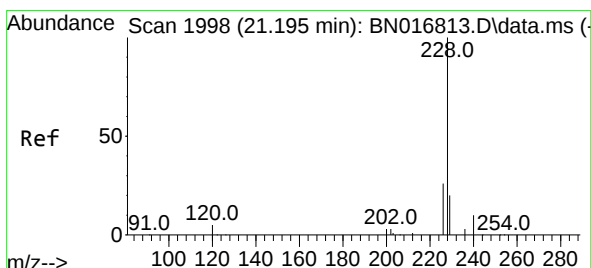
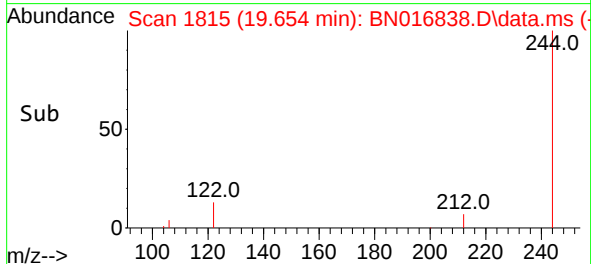
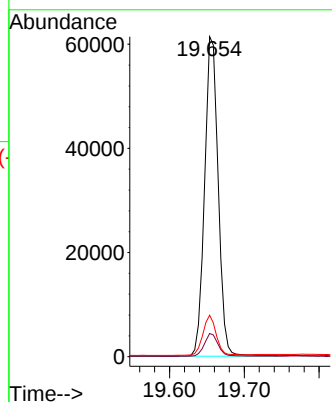
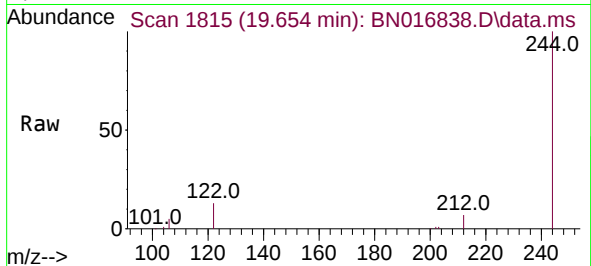




#31
Terphenyl-d14
Concen: 0.364 ng
RT: 19.654 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

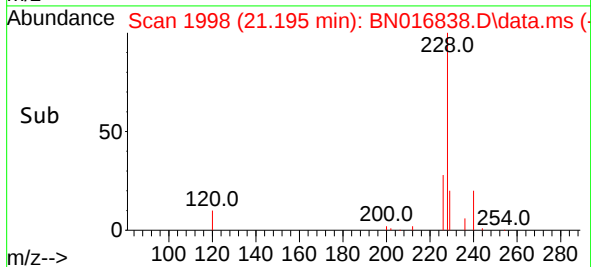
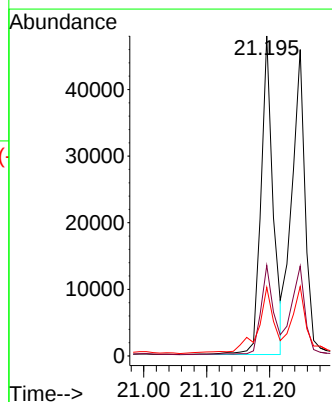
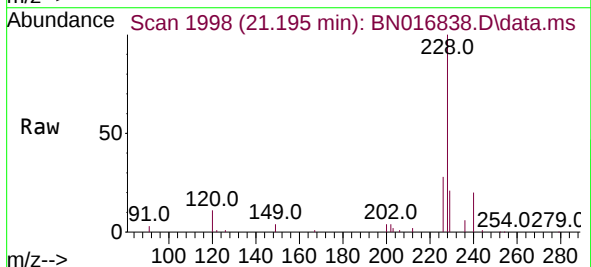
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

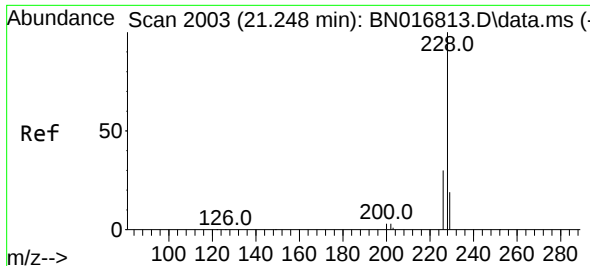
Tgt Ion:244 Resp: 77307
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 13.0 8.9 13.3



#32
Benzo(a)anthracene
Concen: 0.212 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:228 Resp: 64053
Ion Ratio Lower Upper
228 100
226 28.3 22.3 33.5
229 21.5 15.4 23.0

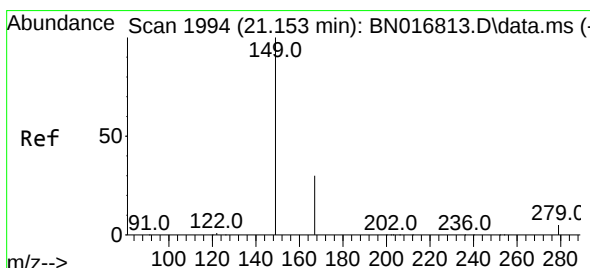
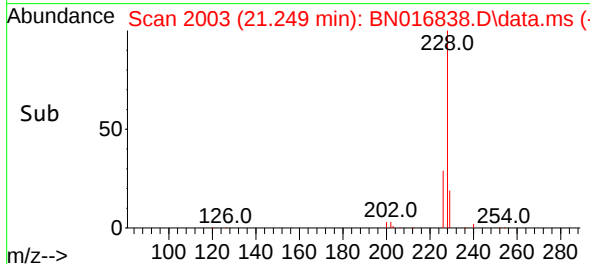
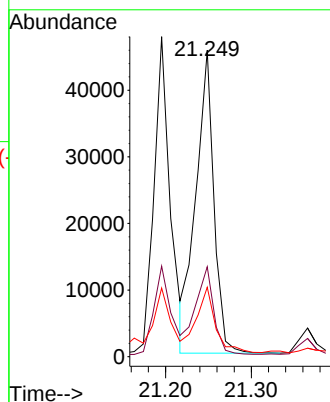
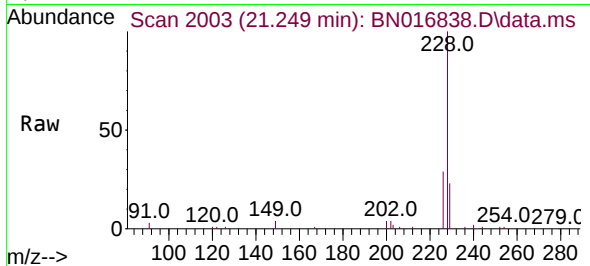




#33
Chrysene
Concen: 0.216 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

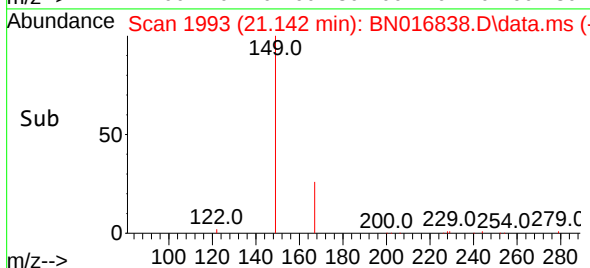
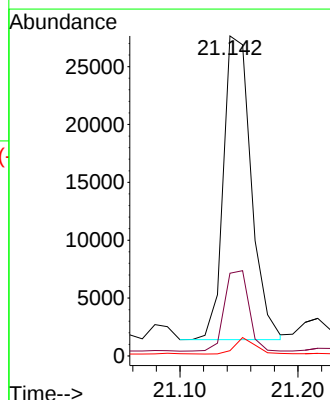
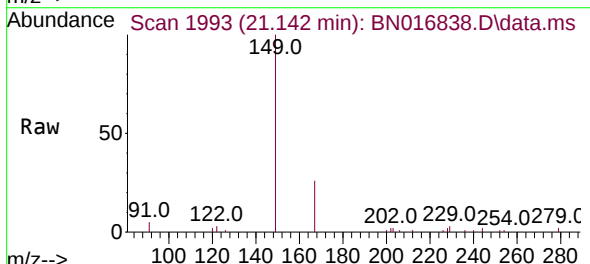
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

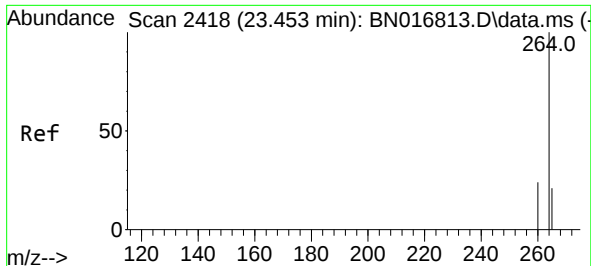
Tgt Ion:228	Resp: 66317
Ion Ratio	Lower Upper
228 100	
226 29.4	24.2 36.4
229 22.7	15.4 23.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.279 ng
RT: 21.142 min Scan# 1993
Delta R.T. -0.011 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:149	Resp: 42793
Ion Ratio	Lower Upper
149 100	
167 23.2	22.2 33.4
279 4.0	3.4 5.2



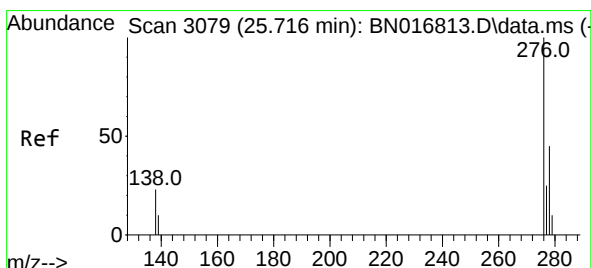
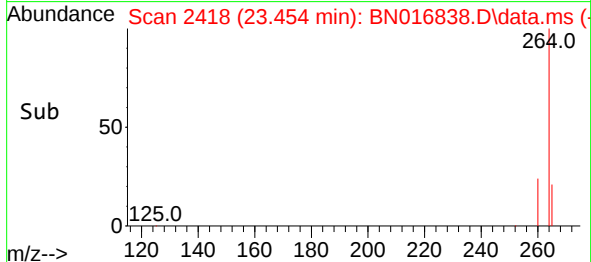
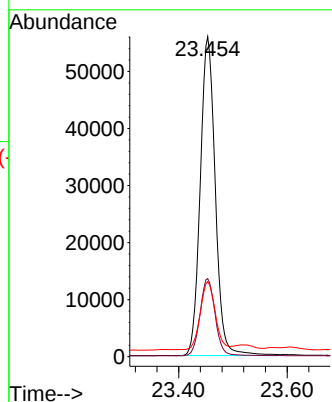
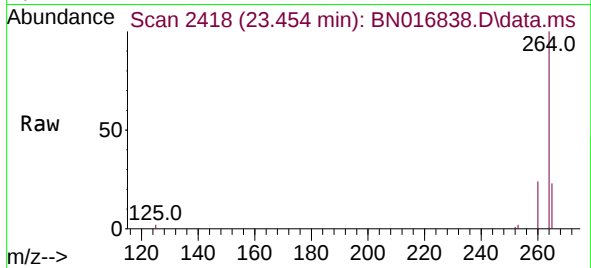


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.454 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

Tgt Ion:264 Resp: 107744

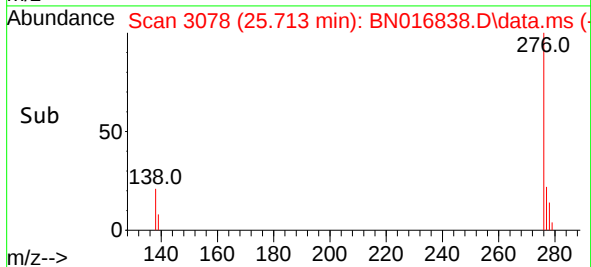
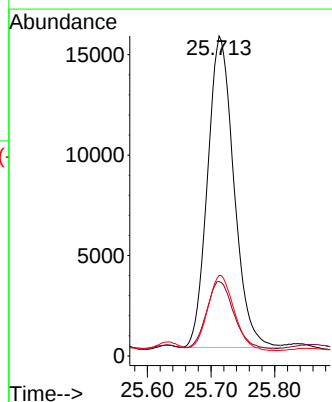
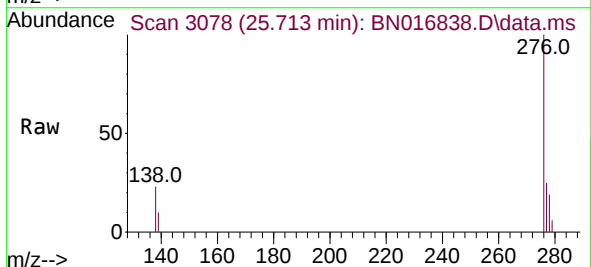
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	23.5	20.3	30.5

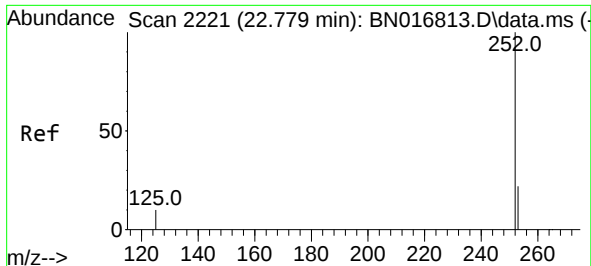


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng
RT: 25.713 min Scan# 3078
Delta R.T. -0.003 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:276 Resp: 44549

Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.2	28.8
277	24.3	20.0	30.0

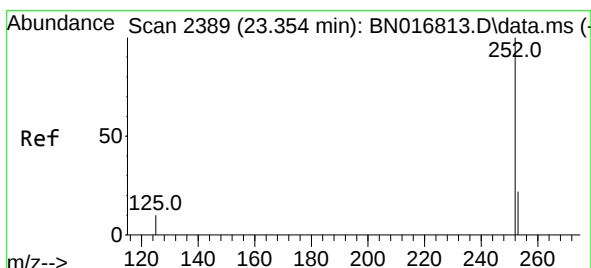
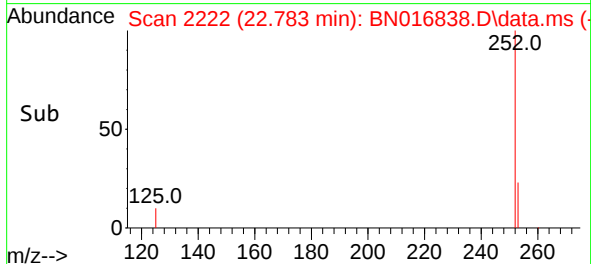
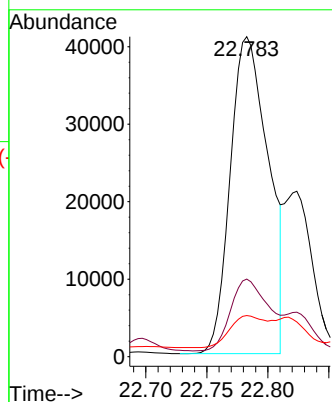
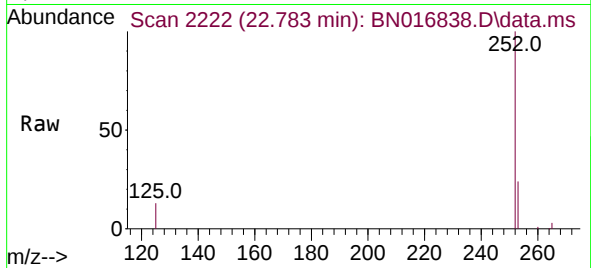




#37
Benzo(b)fluoranthene
Concen: 0.260 ng
RT: 22.783 min Scan# 2222
Delta R.T. 0.004 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

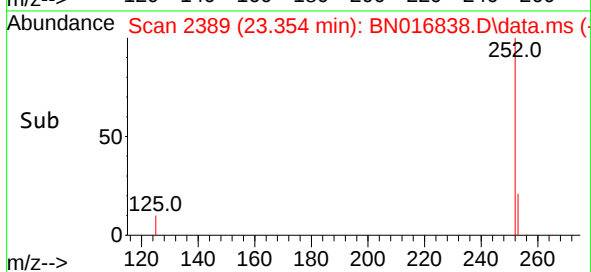
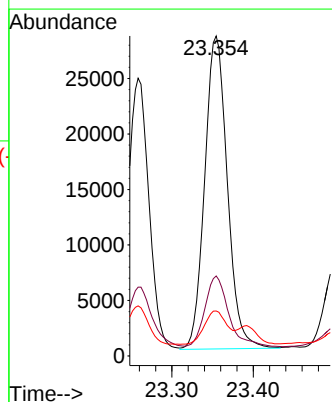
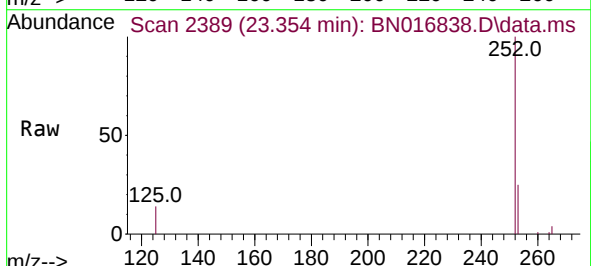
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

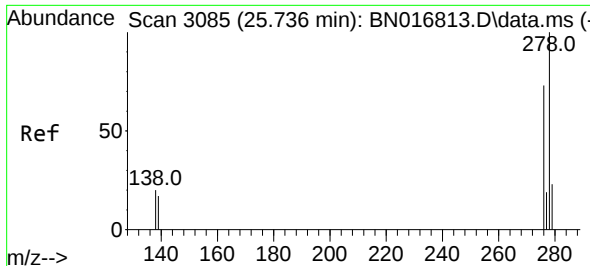
Tgt Ion:252 Resp: 88808
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 12.9 8.3 12.5#



#39
Benzo(a)pyrene
Concen: 0.175 ng
RT: 23.354 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:252 Resp: 54563
Ion Ratio Lower Upper
252 100
253 25.0 17.9 26.9
125 14.1 9.4 14.2

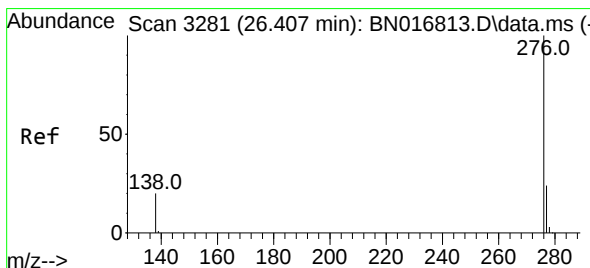
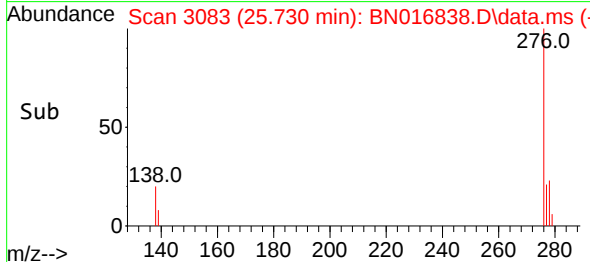
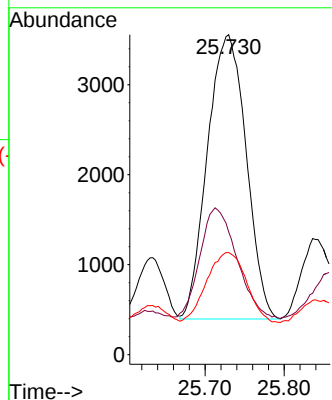
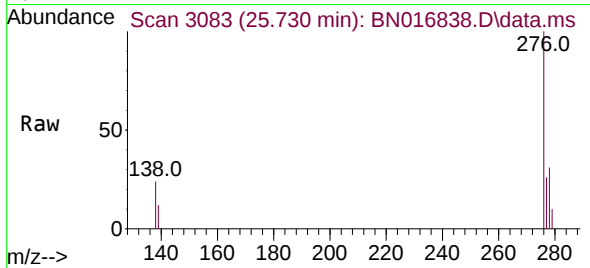




#40
Dibenzo(a,h)anthracene
Concen: 0.032 ng
RT: 25.730 min Scan# 3083
Delta R.T. -0.007 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121

Tgt Ion:278 Resp: 10738
Ion Ratio Lower Upper
278 100
139 38.3 13.1 19.7#
279 31.9 19.3 28.9#



#41
Benzo(g,h,i)perylene
Concen: 0.131 ng
RT: 26.404 min Scan# 3280
Delta R.T. -0.003 min
Lab File: BN016838.D
Acq: 08 Oct 2021 11:08

Tgt Ion:276 Resp: 46452
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.4
138 22.4 17.0 25.6

