

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
 Data File : BN021468.D
 Acq On : 30 Aug 2022 23:48
 Operator : CG/JU
 Sample : PB147332BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147332BL

Quant Time: Aug 31 01:24:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

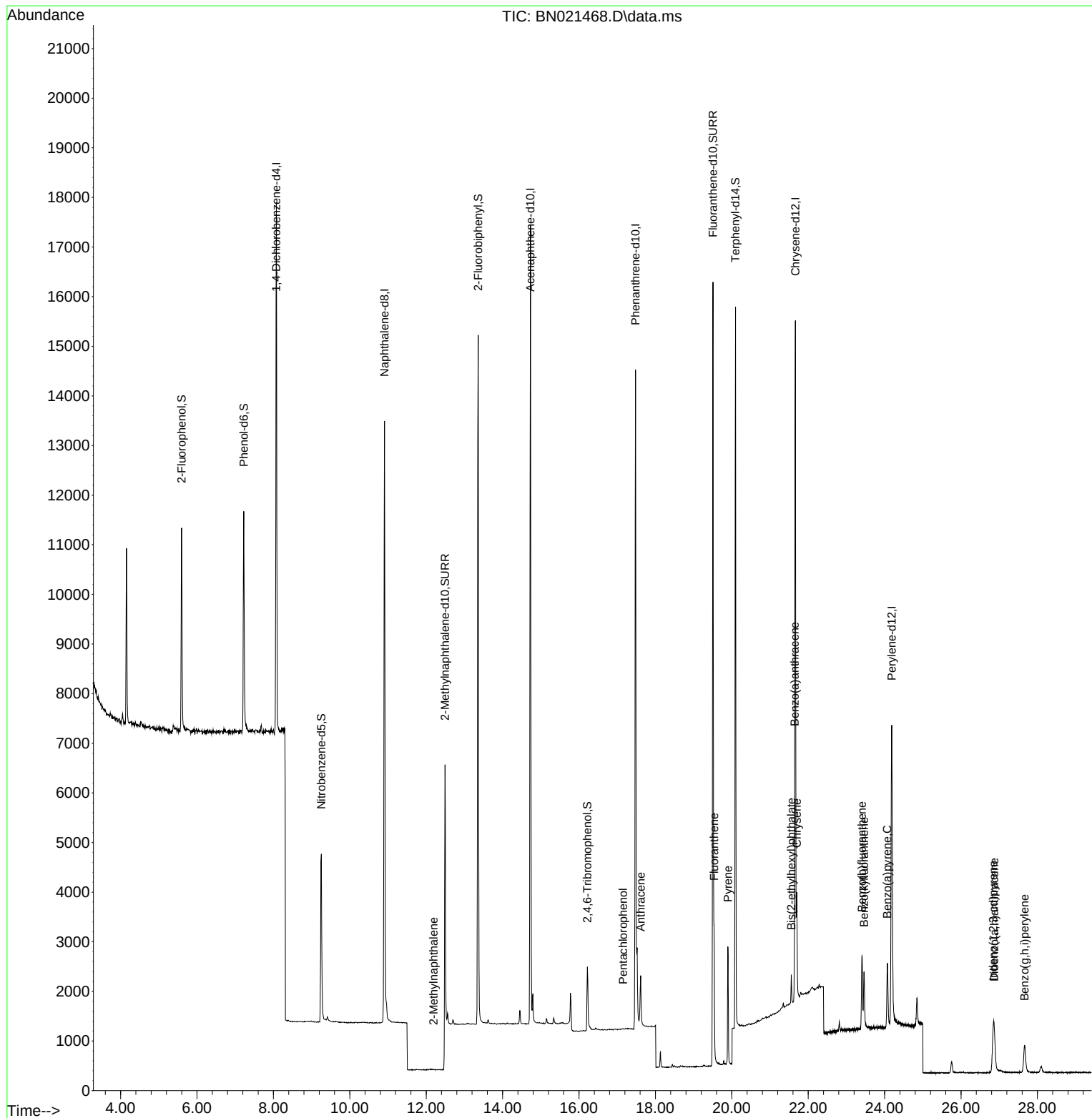
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	5409	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	17020	0.400	ng	0.00
13) Acenaphthene-d10	14.729	164	9238	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	19415	0.400	ng	0.00
29) Chrysene-d12	21.664	240	12830	0.400	ng	0.00
35) Perylene-d12	24.185	264	10051	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	3846	0.363	ng	0.00
5) Phenol-d6	7.224	99	4926	0.365	ng	0.00
8) Nitrobenzene-d5	9.254	82	3417	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.494	152	13259	0.346	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	878	0.289	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	13233	0.328	ng	0.00
27) Fluoranthene-d10	19.506	212	17358	0.348	ng	0.00
31) Terphenyl-d14	20.097	244	12934	0.449	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.191	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.152	266	20	0.207	ng	# 86
26) Anthracene	17.613	178	1139	0.021	ng	99
28) Fluoranthene	19.535	202	2202	0.032	ng	97
30) Pyrene	19.898	202	2167	0.032	ng	# 92
32) Benzo(a)anthracene	21.646	228	1505	0.034	ng	95
33) Chrysene	21.700	228	1790	0.034	ng	93
34) Bis(2-ethylhexyl)phtha...	21.557	149	600	0.033	ng	# 92
36) Indeno(1,2,3-cd)pyrene	26.843	276	1656	0.036	ng	95
37) Benzo(b)fluoranthene	23.410	252	1804	0.036	ng	# 53
38) Benzo(k)fluoranthene	23.460	252	1575	0.032	ng	# 64
39) Benzo(a)pyrene	24.071	252	1352	0.039	ng	# 1
40) Dibenzo(a,h)anthracene	26.869	278	1188	0.033	ng	# 69
41) Benzo(g,h,i)perylene	27.664	276	1368	0.034	ng	# 81

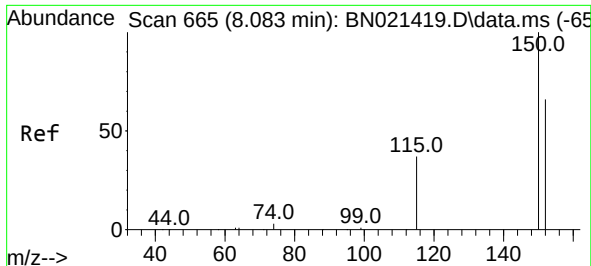
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
Data File : BN021468.D
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Operator : CG/JU
Sample : PB147332BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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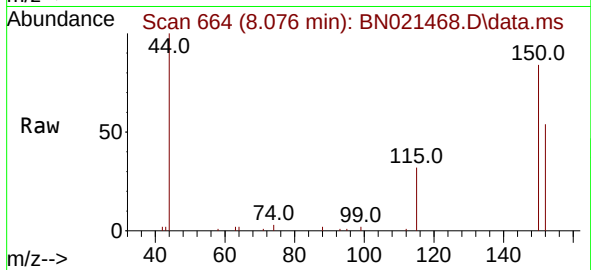
Quant Time: Aug 31 01:24:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration



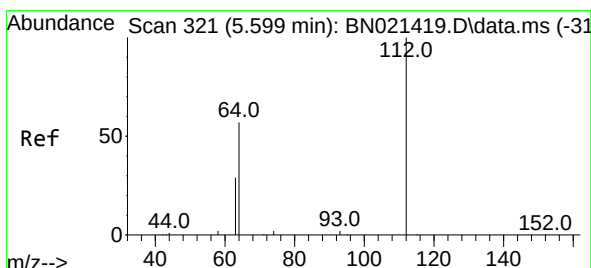
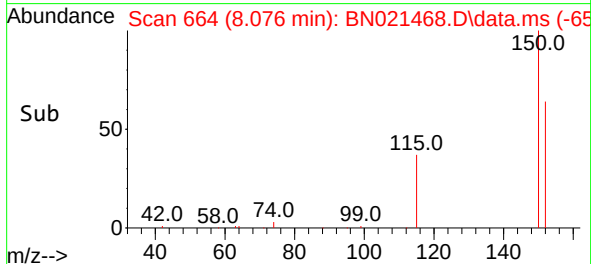
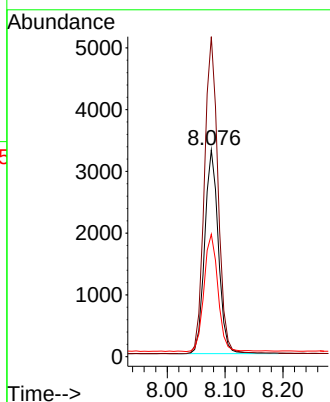


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 665
Delta R.T. -0.007 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

Instrument :
BNA_N
ClientSampleId :
PB147332BL

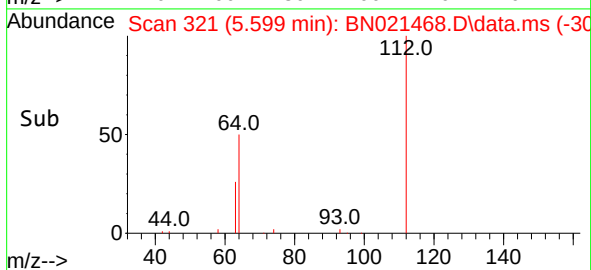
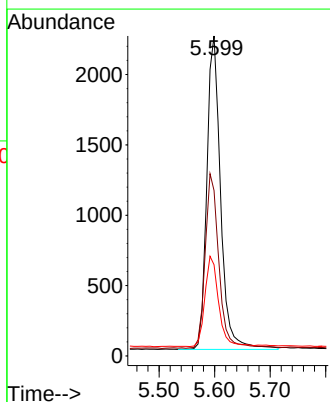
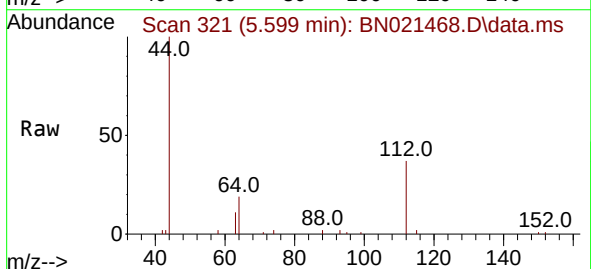


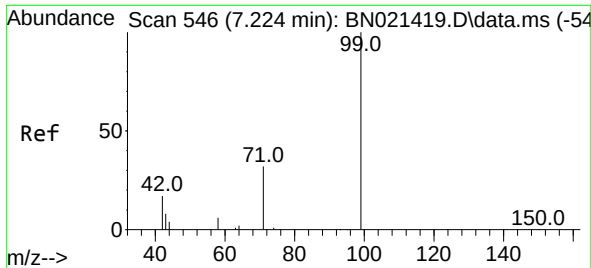
Tgt Ion:152 Resp: 5409
Ion Ratio Lower Upper
152 100
150 154.7 121.4 182.0
115 59.2 48.6 72.8



#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

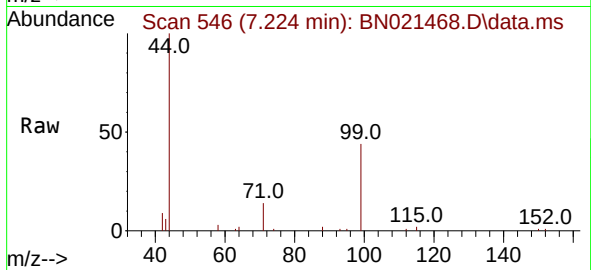
Tgt Ion:112 Resp: 3846
Ion Ratio Lower Upper
112 100
64 55.6 43.5 65.3
63 28.6 22.6 34.0



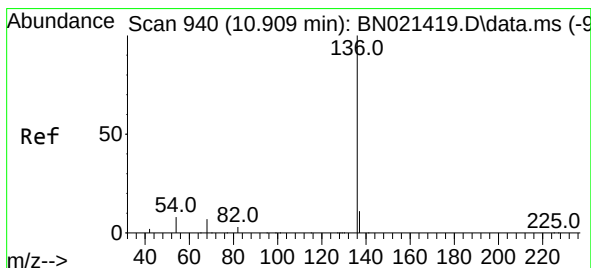
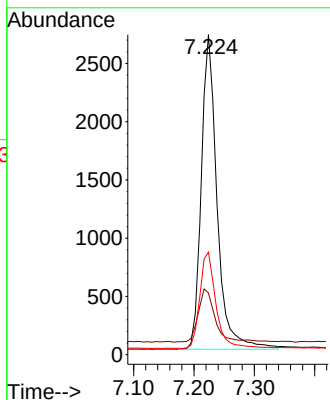
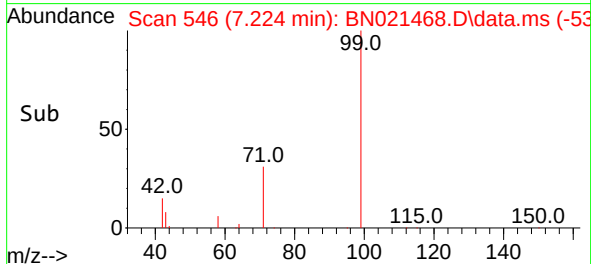


#5
Phenol-d6
Concen: 0.365 ng
RT: 7.224 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

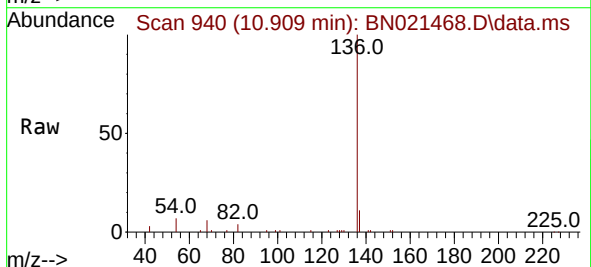
Instrument :
BNA_N
ClientSampleId :
PB147332BL



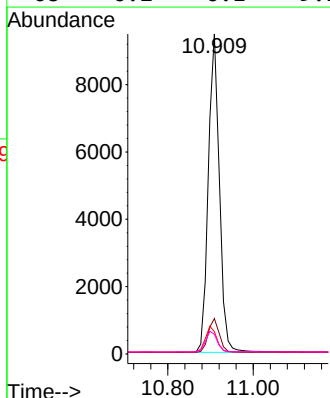
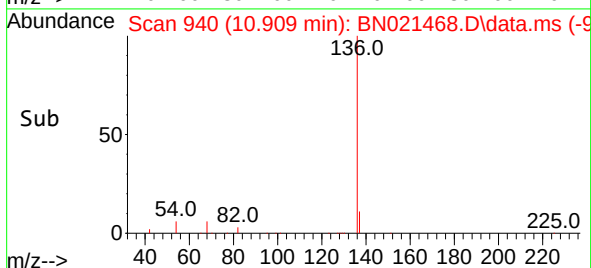
Tgt Ion:	99	Resp:	4926
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.5	23.3
71	31.4	24.2	36.2

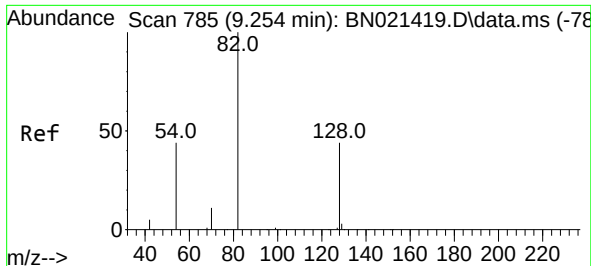


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48



Tgt Ion:	136	Resp:	17020
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.0	6.9	10.3
68	6.2	6.1	9.1

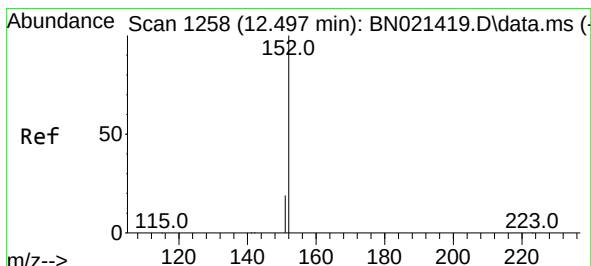
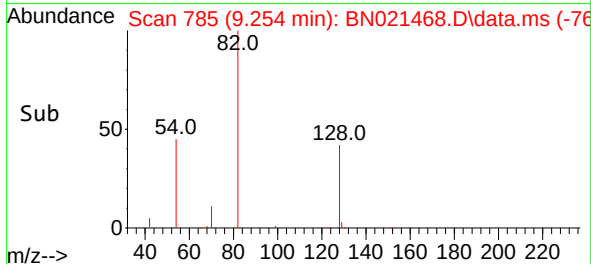
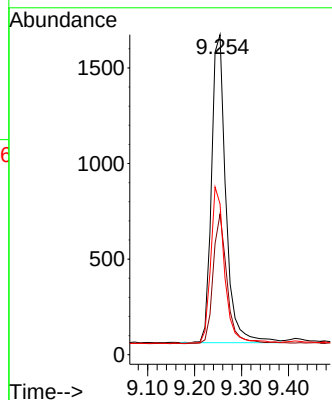
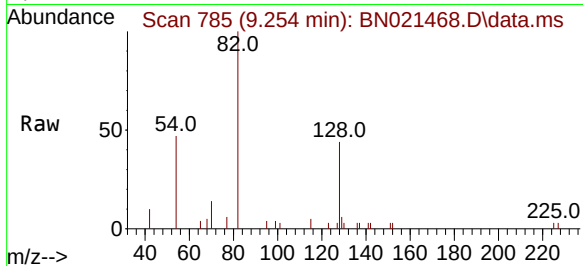




#8
 Nitrobenzene-d5
 Concen: 0.297 ng
 RT: 9.254 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: BN021468.D
 Acq: 30 Aug 2022 23:48

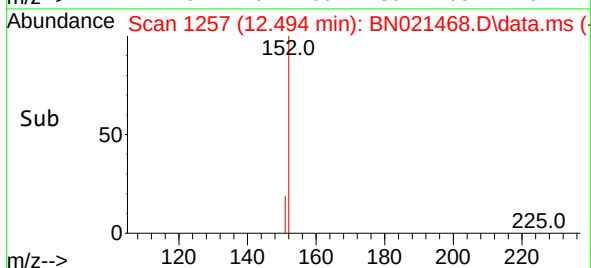
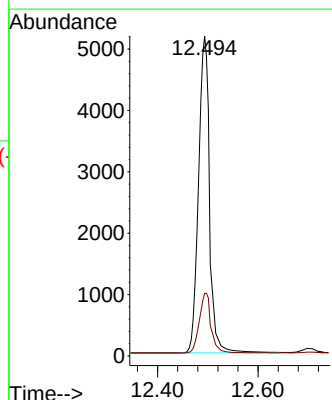
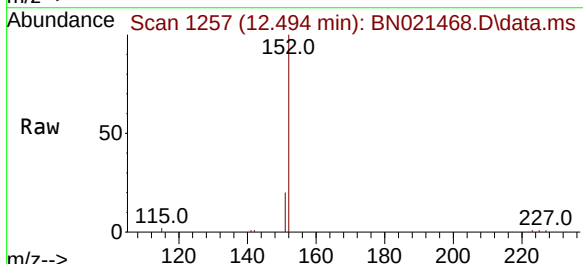
Instrument :
 BNA_N
 ClientSampleId :
 PB147332BL

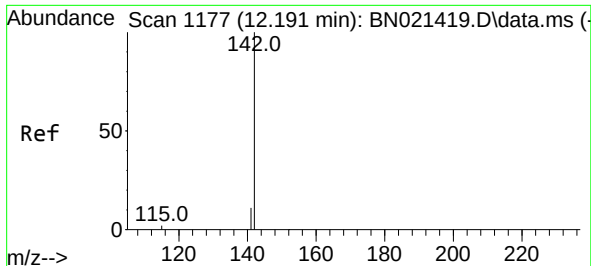
Tgt Ion: 82 Resp: 3417
 Ion Ratio Lower Upper
 82 100
 128 44.0 30.9 46.3
 54 47.1 42.7 64.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.346 ng
 RT: 12.494 min Scan# 1257
 Delta R.T. -0.003 min
 Lab File: BN021468.D
 Acq: 30 Aug 2022 23:48

Tgt Ion: 152 Resp: 13259
 Ion Ratio Lower Upper
 152 100
 151 19.4 14.5 21.7

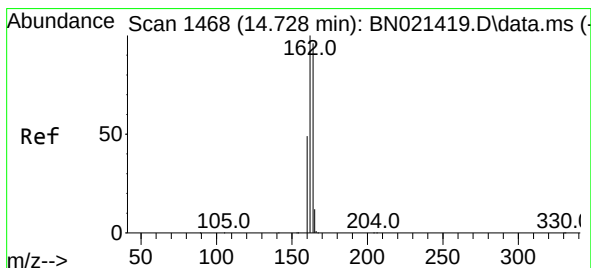
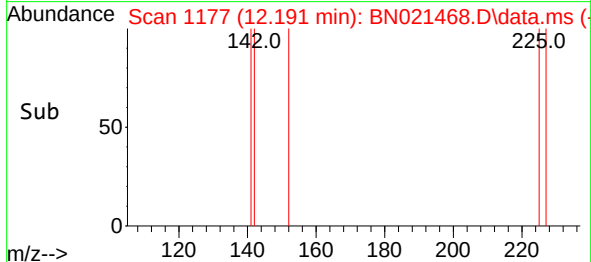
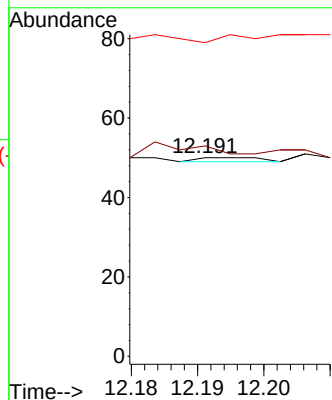
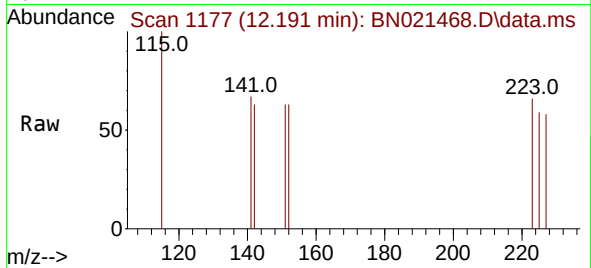




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.191 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

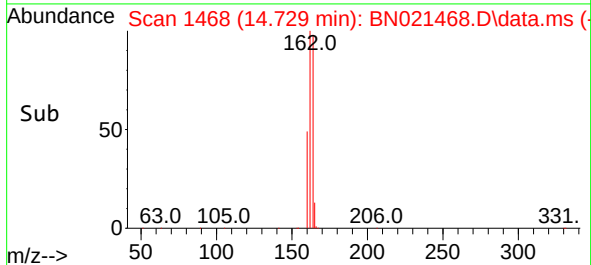
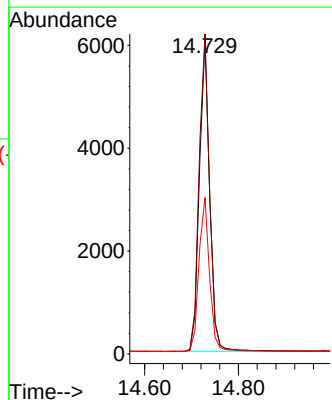
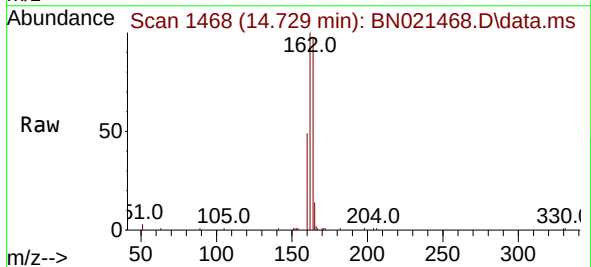
Instrument :
BNA_N
ClientSampleId :
PB147332BL

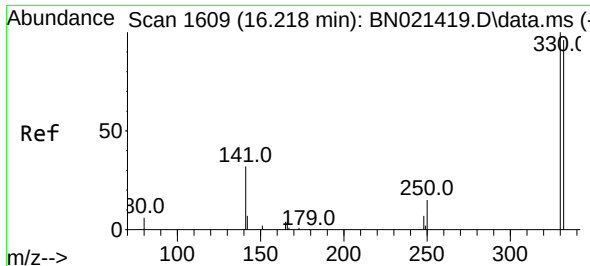
Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 106.0 12.2 18.2#
115 158.0 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

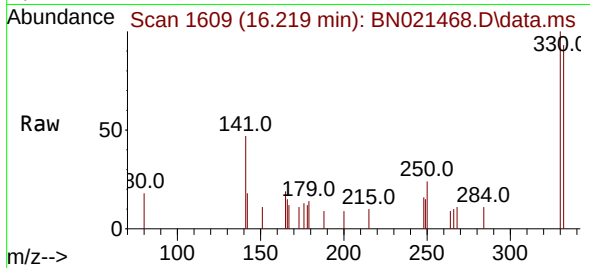
Tgt Ion:164 Resp: 9238
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.4
160 49.9 39.5 59.3



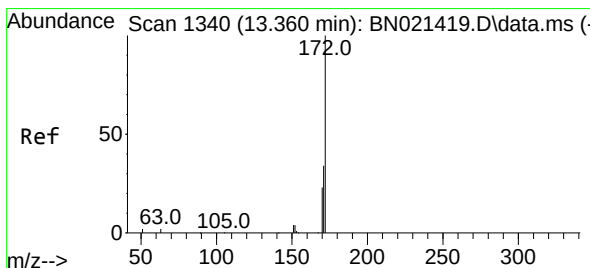
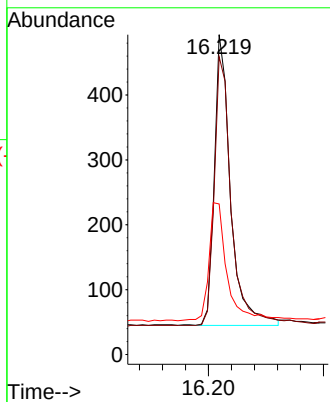
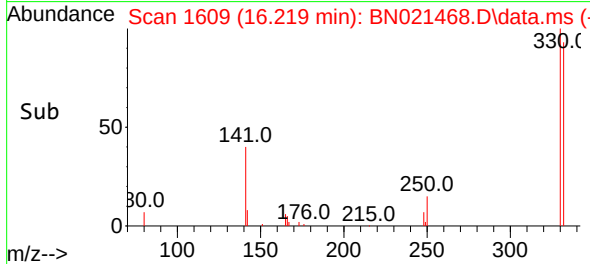


#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

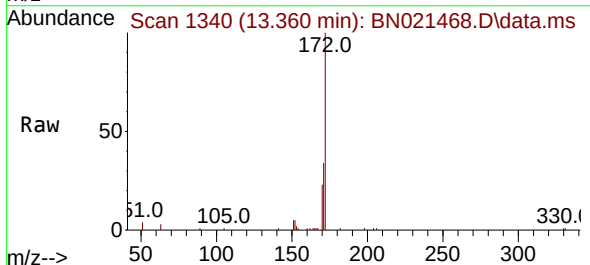
Instrument :
BNA_N
ClientSampleId :
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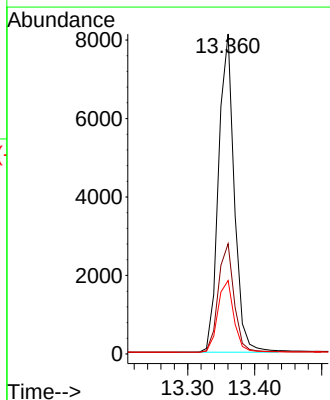
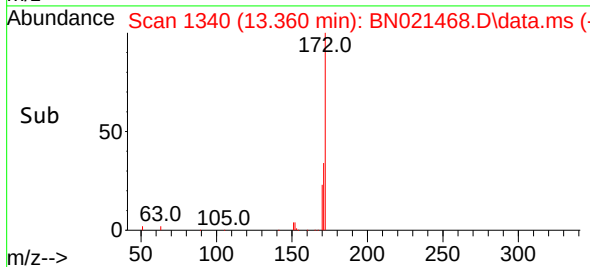
Tgt Ion:330 Resp: 878
Ion Ratio Lower Upper
330 100
332 96.7 79.3 118.9
141 45.4 37.1 55.7

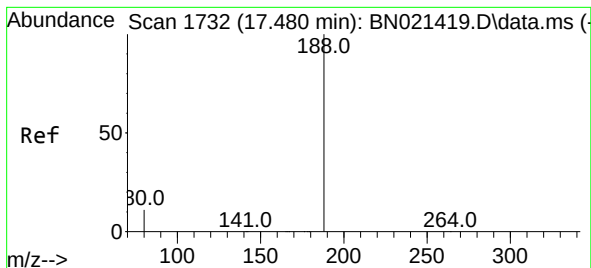


#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.360 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48



Tgt Ion:172 Resp: 13233
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.0 18.6 28.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.480 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN021468.D

Acq: 30 Aug 2022 23:48

Instrument :

BNA_N

ClientSampleId :

PB147332BL

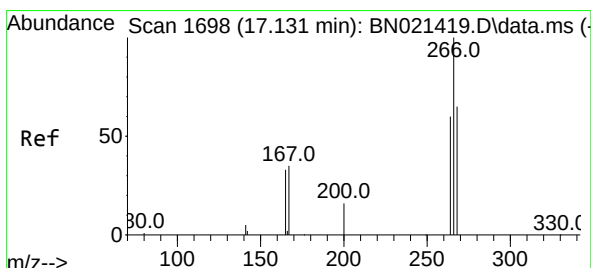
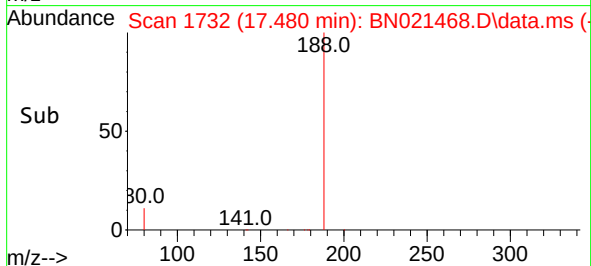
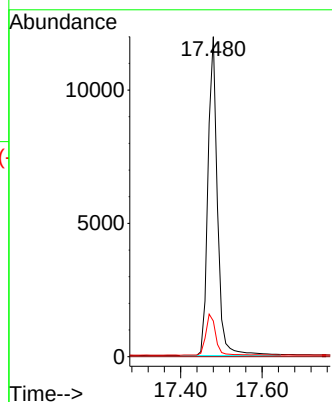
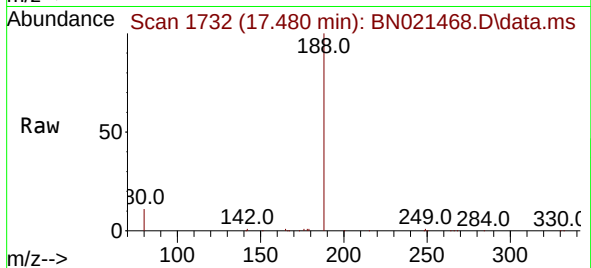
Tgt Ion:188 Resp: 19415

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 9.5 14.3



#24

Pentachlorophenol

Concen: 0.207 ng

RT: 17.152 min Scan# 1700

Delta R.T. 0.021 min

Lab File: BN021468.D

Acq: 30 Aug 2022 23:48

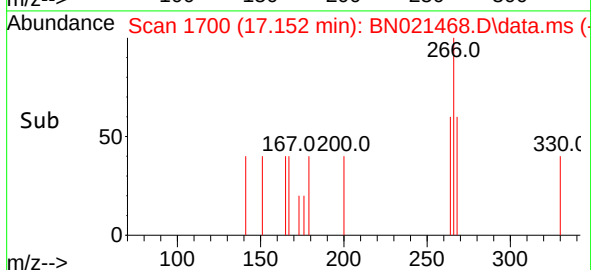
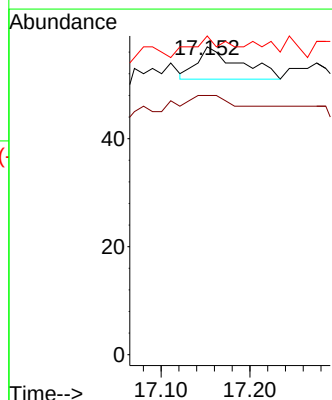
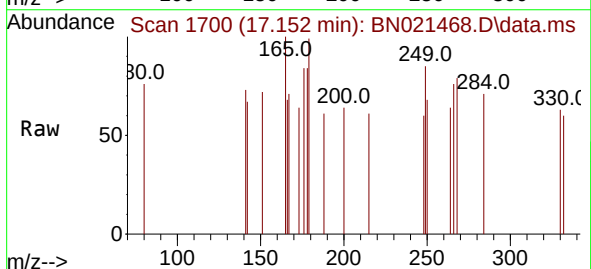
Tgt Ion:266 Resp: 20

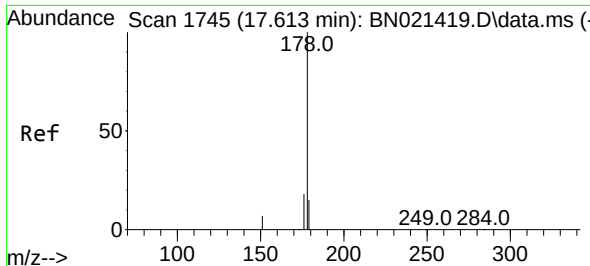
Ion Ratio Lower Upper

266 100

264 80.0 49.0 73.6#

268 60.0 50.9 76.3

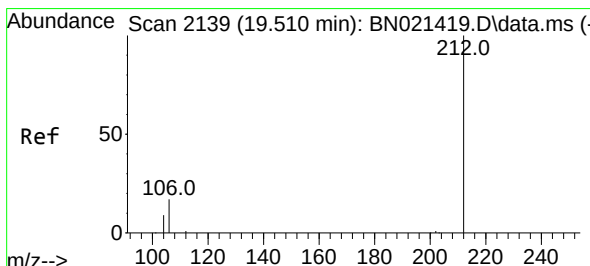
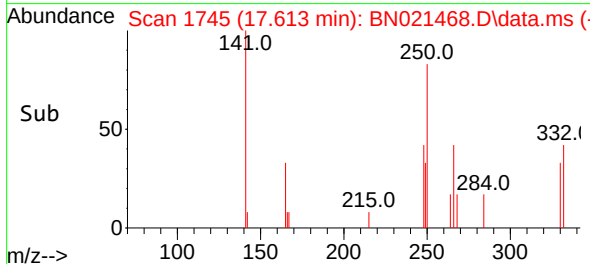
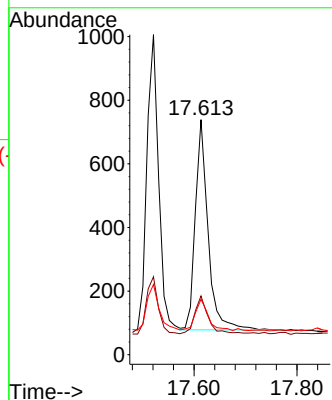
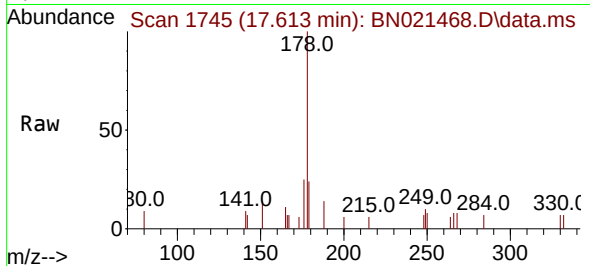




#26
 Anthracene
 Concen: 0.021 ng
 RT: 17.613 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN021468.D
 Acq: 30 Aug 2022 23:48

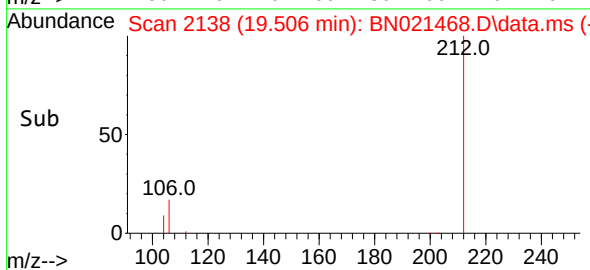
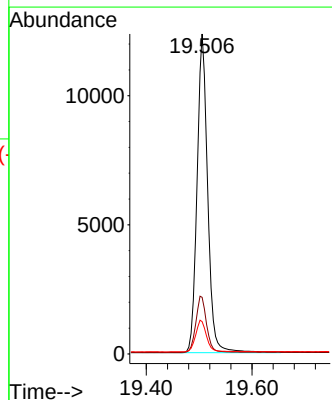
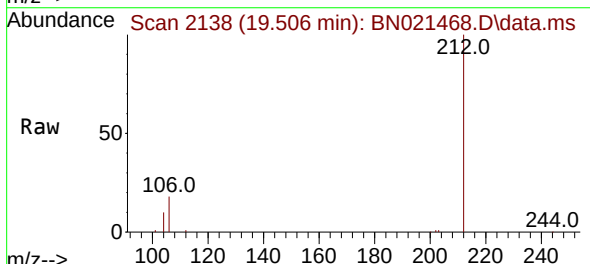
Instrument :
 BNA_N
 ClientSampleId :
 PB147332BL

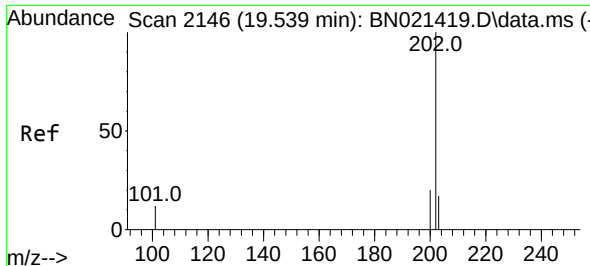
Tgt Ion:178 Resp: 1139
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 14.9 12.2 18.2



#27
 Fluoranthene-d10
 Concen: 0.348 ng
 RT: 19.506 min Scan# 2138
 Delta R.T. -0.004 min
 Lab File: BN021468.D
 Acq: 30 Aug 2022 23:48

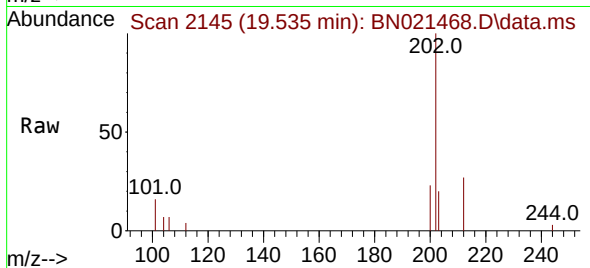
Tgt Ion:212 Resp: 17358
 Ion Ratio Lower Upper
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 106 17.9 14.2 21.2
 104 9.9 7.8 11.6



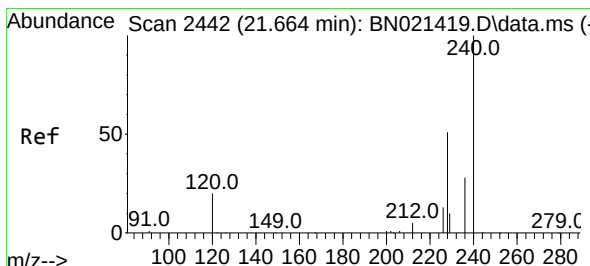
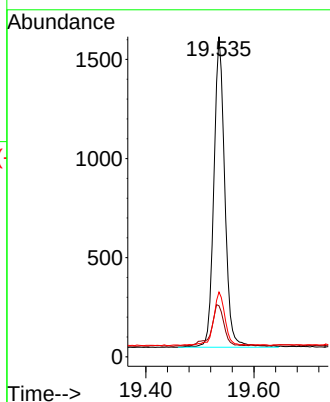
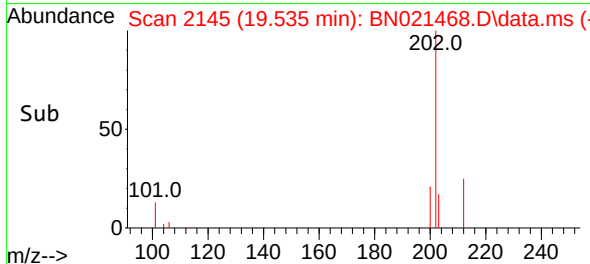


#28
Fluoranthene
Concen: 0.032 ng
RT: 19.535 min Scan# 2145
Delta R.T. -0.004 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

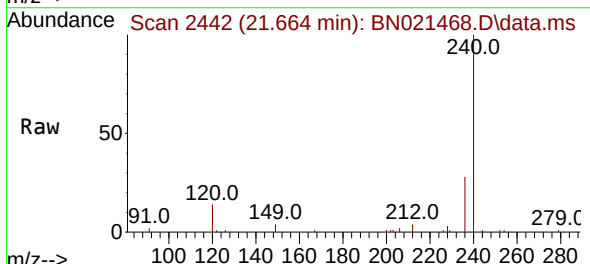
Instrument :
BNA_N
ClientSampleId :
PB147332BL



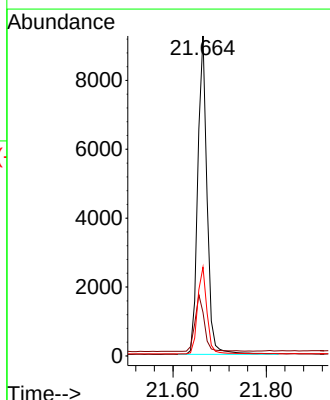
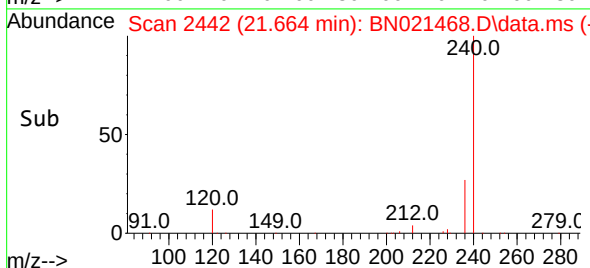
Tgt Ion:202 Resp: 2202
Ion Ratio Lower Upper
202 100
101 15.8 10.9 16.3
203 17.8 13.8 20.6

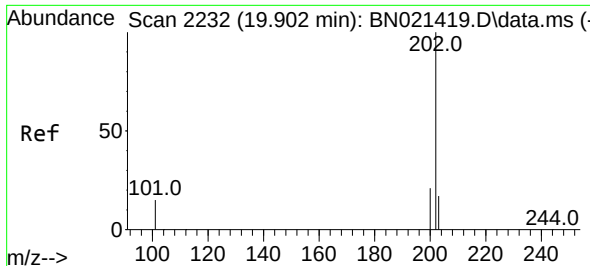


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48



Tgt Ion:240 Resp: 12830
Ion Ratio Lower Upper
240 100
120 13.6 10.2 15.4
236 27.7 22.1 33.1

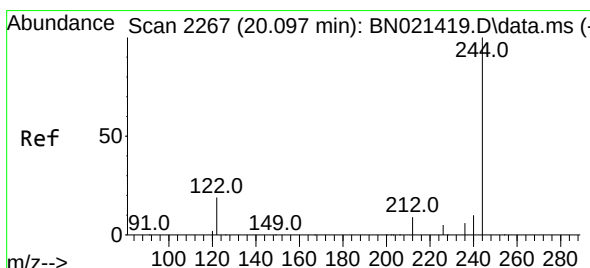
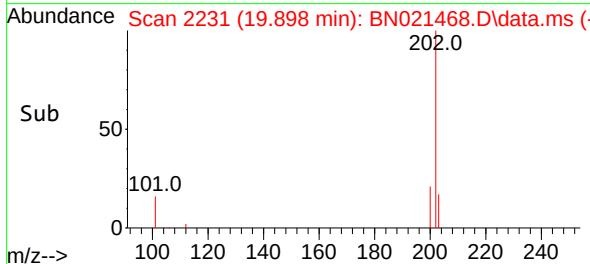
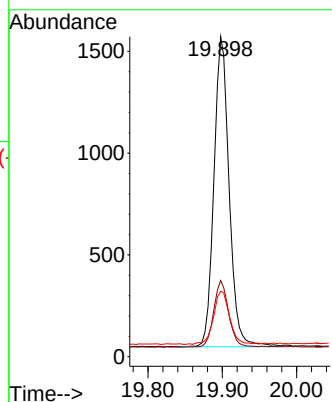
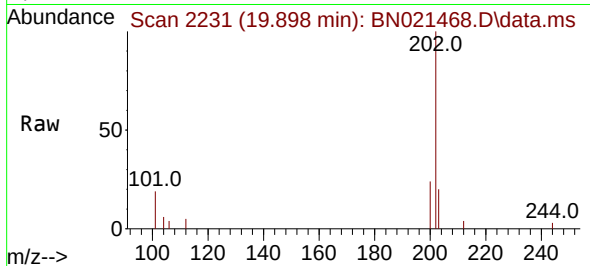




#30
Pyrene
Concen: 0.032 ng
RT: 19.898 min Scan# 2167
Delta R.T. -0.004 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

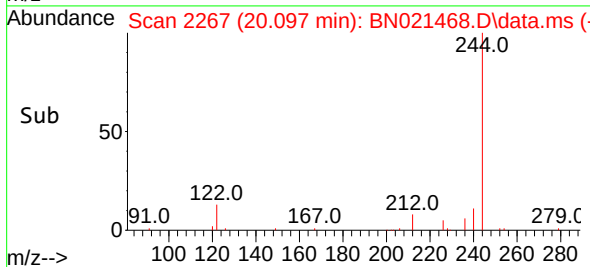
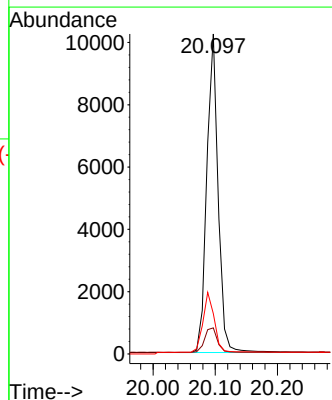
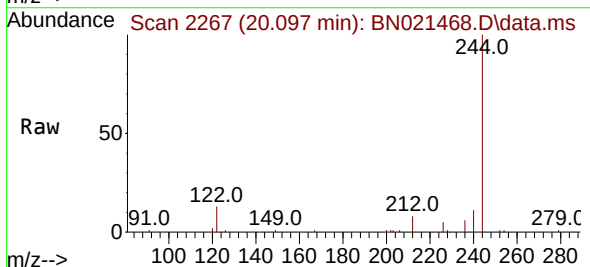
Instrument :
BNA_N
ClientSampleId :
PB147332BL

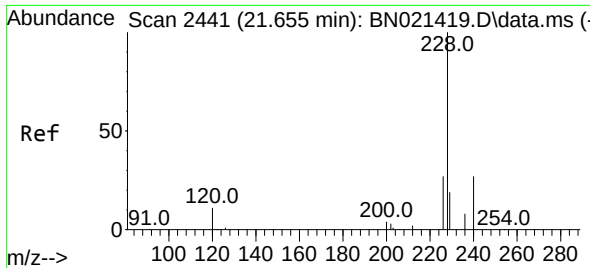
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	13.9	20.9#
203	18.0	11.9	17.9#



#31
Terphenyl-d14
Concen: 0.449 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	12.6	9.1	13.7

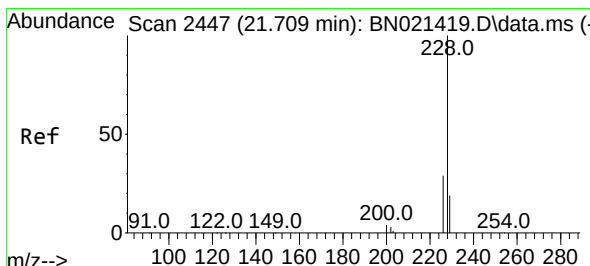
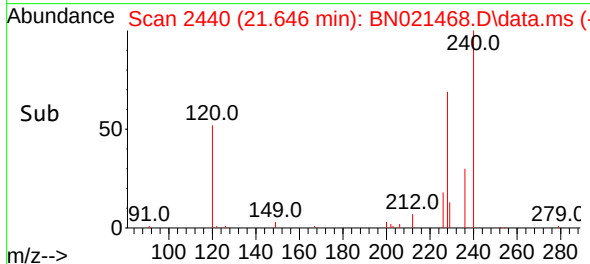
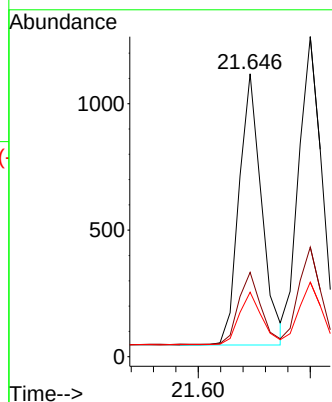
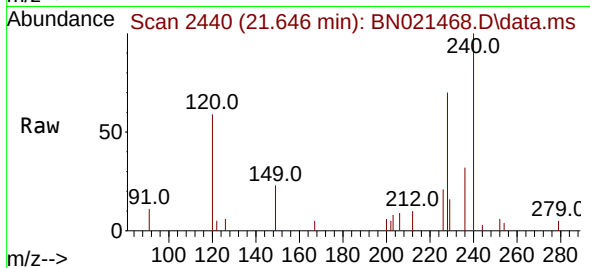




#32
Benzo(a)anthracene
Concen: 0.034 ng
RT: 21.646 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

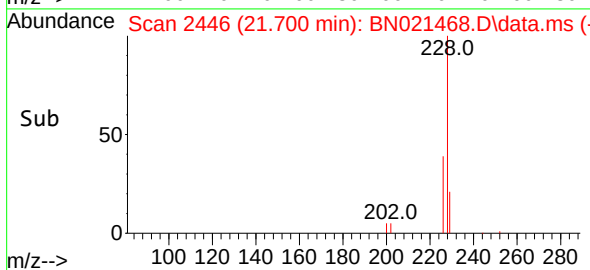
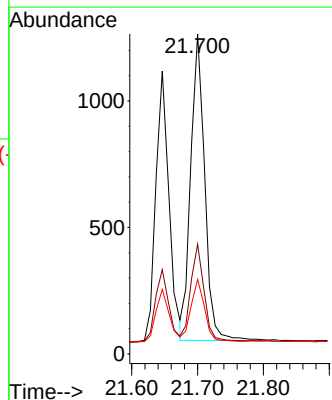
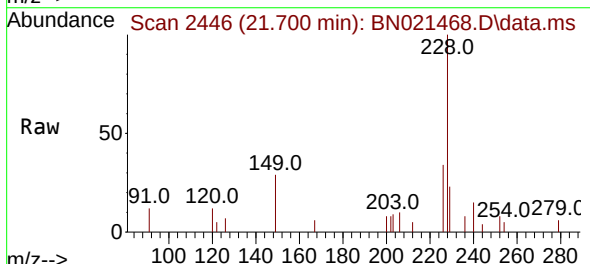
Instrument :
BNA_N
ClientSampleId :
PB147332BL

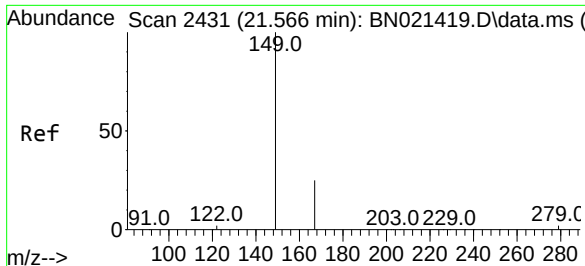
Tgt Ion:228 Resp: 1505
Ion Ratio Lower Upper
228 100
226 29.8 22.0 33.0
229 22.8 15.9 23.9



#33
Chrysene
Concen: 0.034 ng
RT: 21.700 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

Tgt Ion:228 Resp: 1790
Ion Ratio Lower Upper
228 100
226 34.2 24.2 36.2
229 23.3 15.9 23.9

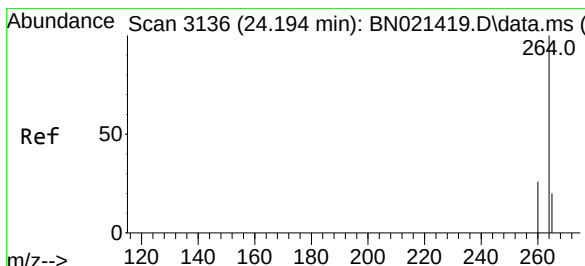
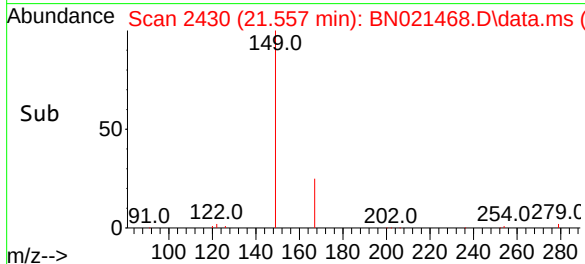
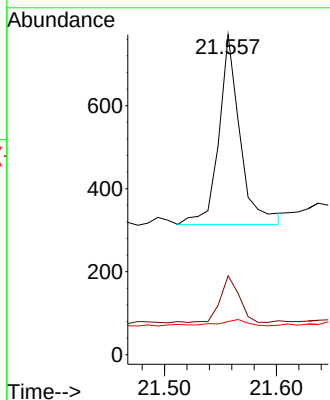
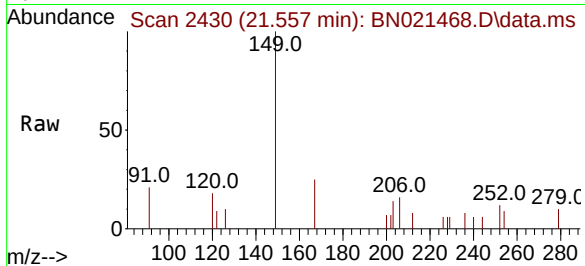




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.557 min Scan# 2431
 Delta R.T. -0.009 min
 Lab File: BN021468.D
 Acq: 30 Aug 2022 23:48

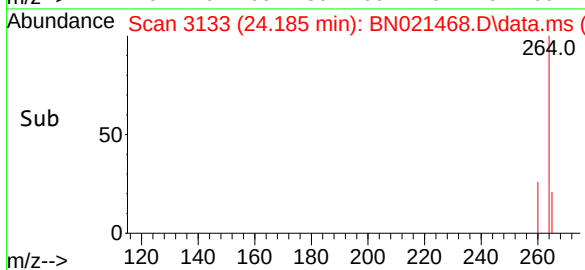
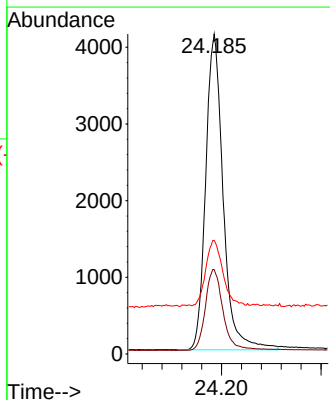
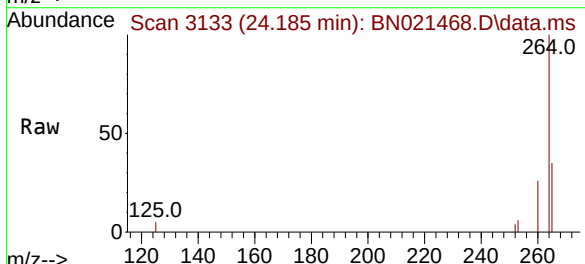
Instrument :
 BNA_N
 ClientSampleId :
 PB147332BL

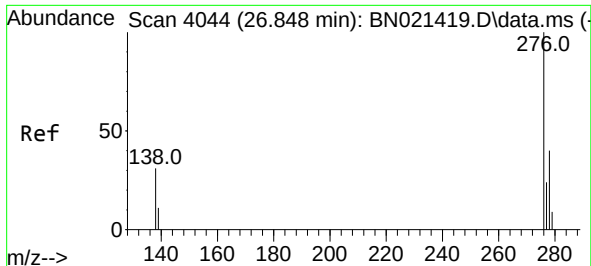
Tgt Ion:149 Resp: 600
 Ion Ratio Lower Upper
 149 100
 167 22.7 21.4 32.0
 279 5.5 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.185 min Scan# 3133
 Delta R.T. -0.009 min
 Lab File: BN021468.D
 Acq: 30 Aug 2022 23:48

Tgt Ion:264 Resp: 10051
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.0 31.6
 265 35.5 32.2 48.2

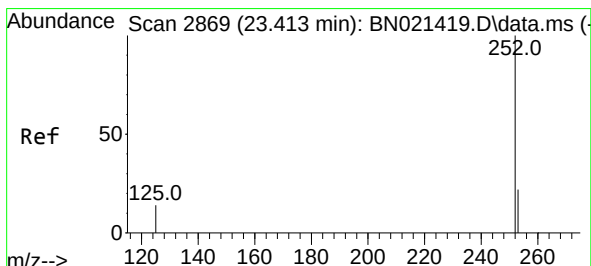
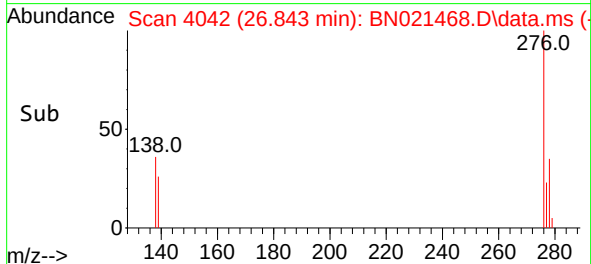
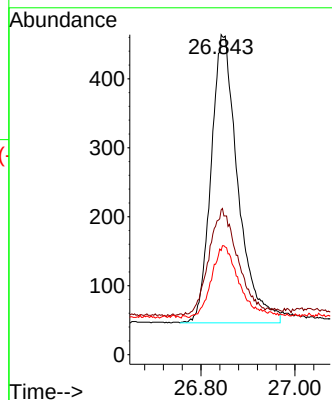
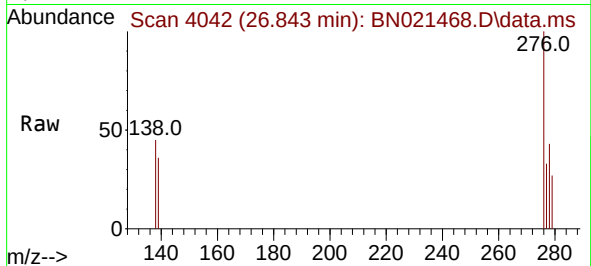




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.036 ng
 RT: 26.843 min Scan# 4044
 Delta R.T. -0.006 min
 Lab File: BN021468.D
 Acq: 30 Aug 2022 23:48

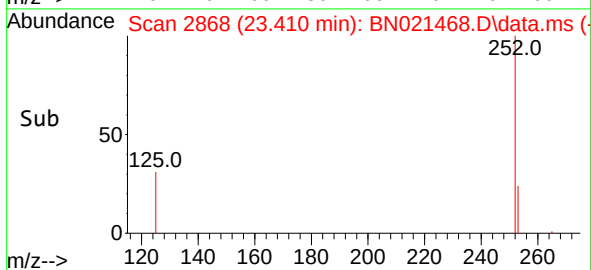
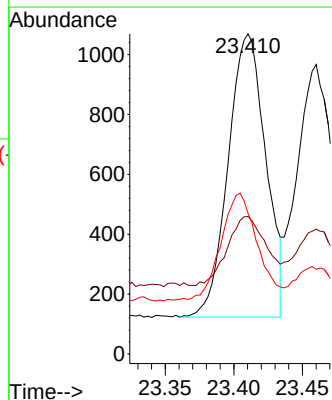
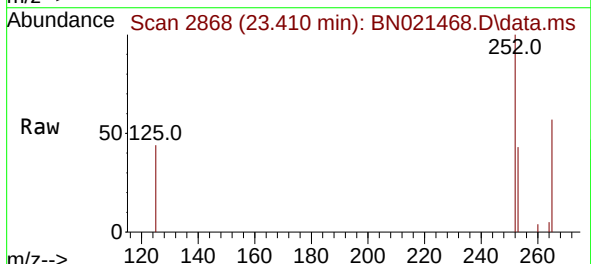
Instrument :
 BNA_N
 ClientSampleId :
 PB147332BL

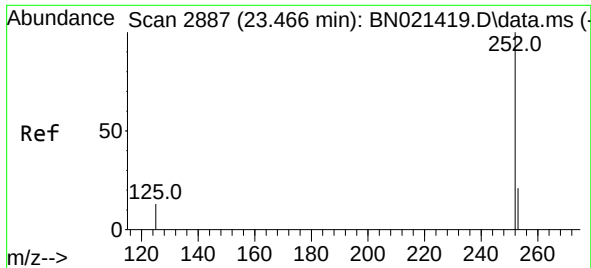
Tgt Ion:276 Resp: 1656
 Ion Ratio Lower Upper
 276 100
 138 38.6 27.4 41.2
 277 25.2 19.9 29.9



#37
 Benzo(b)fluoranthene
 Concen: 0.036 ng
 RT: 23.410 min Scan# 2868
 Delta R.T. -0.003 min
 Lab File: BN021468.D
 Acq: 30 Aug 2022 23:48

Tgt Ion:252 Resp: 1804
 Ion Ratio Lower Upper
 252 100
 253 42.9 19.8 29.6#
 125 44.0 13.7 20.5#

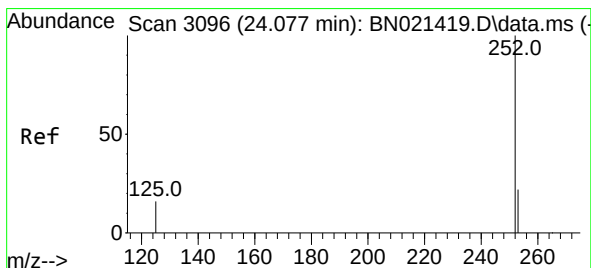
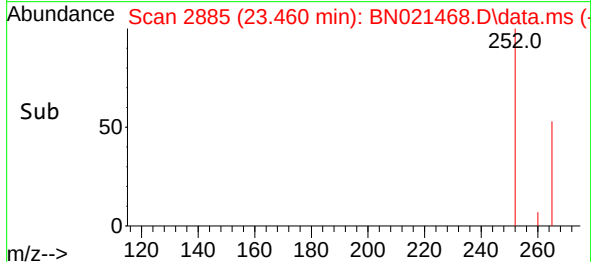
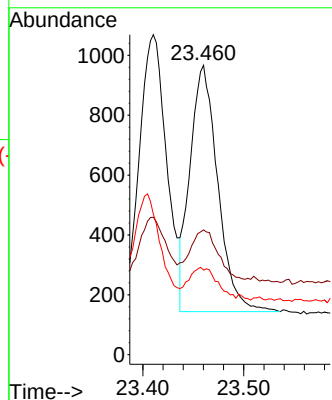
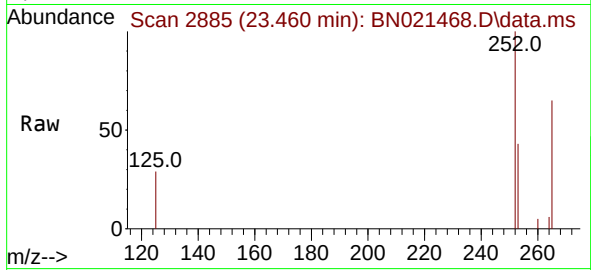




#38
Benzo(k)fluoranthene
Concen: 0.032 ng
RT: 23.460 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

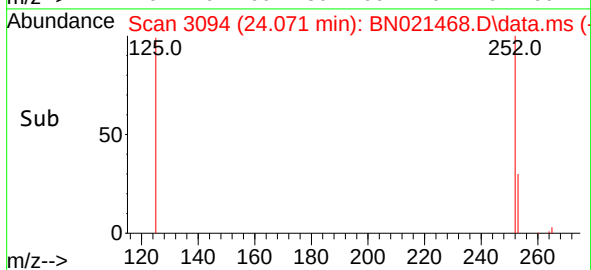
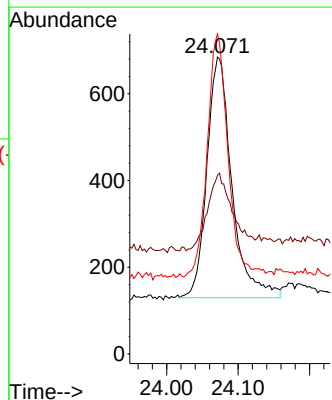
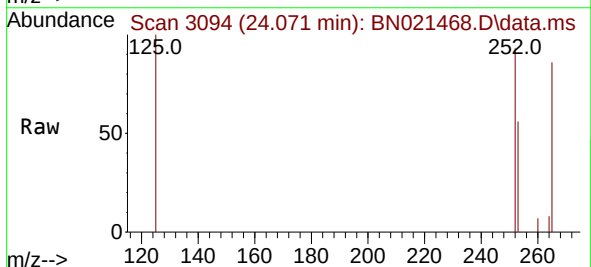
Instrument :
BNA_N
ClientSampleId :
PB147332BL

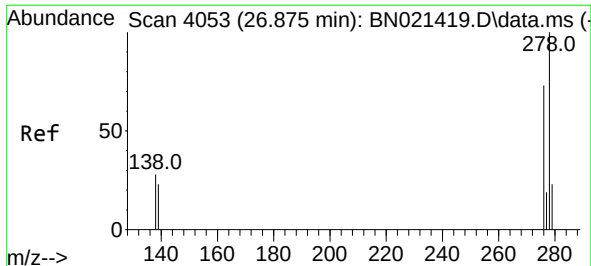
Tgt Ion:252 Resp: 1575
Ion Ratio Lower Upper
252 100
253 43.1 19.5 29.3#
125 29.3 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.039 ng
RT: 24.071 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

Tgt Ion:252 Resp: 1352
Ion Ratio Lower Upper
252 100
253 60.1 21.1 31.7#
125 107.7 16.6 25.0#

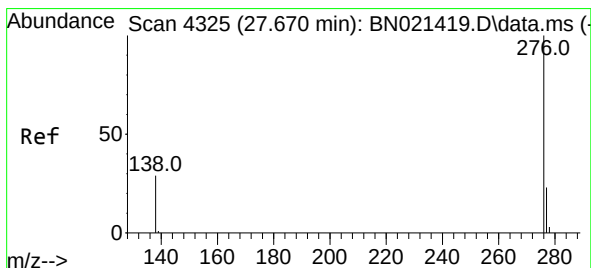
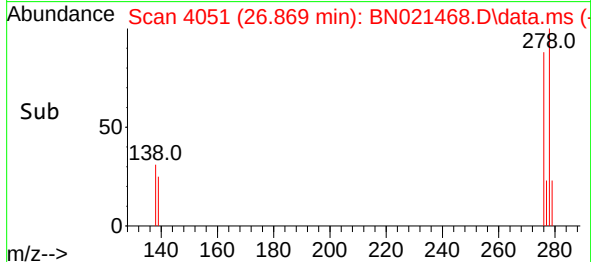
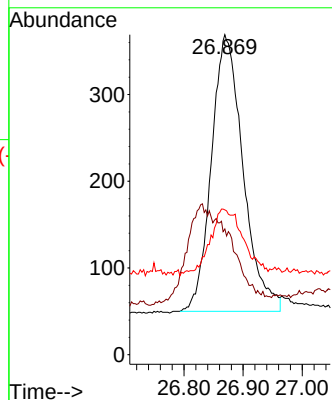
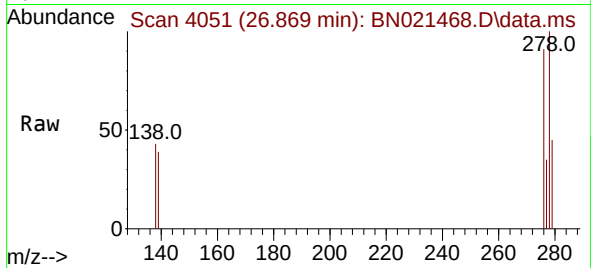




#40
Dibenzo(a,h)anthracene
Concen: 0.033 ng
RT: 26.869 min Scan# 4053
Delta R.T. -0.006 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

Instrument :
BNA_N
ClientSampleId :
PB147332BL

Tgt Ion:278 Resp: 1188
Ion Ratio Lower Upper
278 100
139 39.3 21.8 32.6#
279 45.3 20.4 30.6#



#41
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 27.664 min Scan# 4323
Delta R.T. -0.006 min
Lab File: BN021468.D
Acq: 30 Aug 2022 23:48

Tgt Ion:276 Resp: 1368
Ion Ratio Lower Upper
276 100
277 34.2 19.7 29.5#
138 40.2 23.7 35.5#

