

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
 Data File : BN033684.D
 Acq On : 30 Aug 2024 00:34
 Operator : MA/JU
 Sample : P3663-07DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 916-J-SD-0-0.5-081624DL

Quant Time: Aug 30 01:34:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 23:33:13 2024
 Response via : Initial Calibration

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

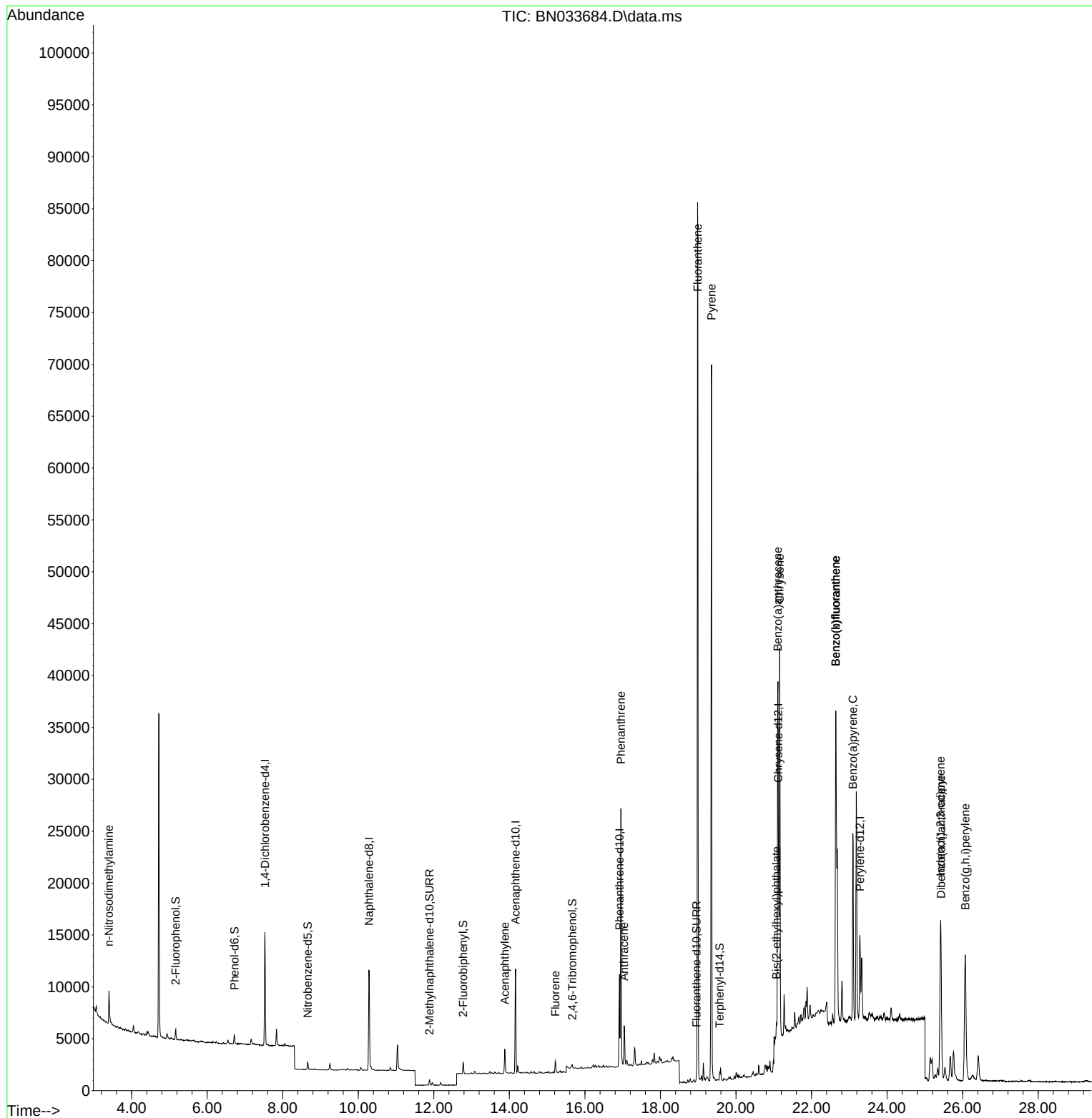
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	5208	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	13259	0.400	ng	#-0.01
13) Acenaphthene-d10	14.167	164	6100	0.400	ng	0.00
19) Phenanthrene-d10	16.917	188	11733	0.400	ng	0.00
29) Chrysene-d12	21.121	240	9283	0.400	ng	0.00
35) Perylene-d12	23.282	264	10100	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	699	0.045	ng	0.00
5) Phenol-d6	6.721	99	791	0.043	ng	0.00
8) Nitrobenzene-d5	8.659	82	555	0.050	ng	0.00
11) 2-Methylnaphthalene-d10	11.884	152	720	0.039	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	107	0.037	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	927	0.036	ng	0.00
27) Fluoranthene-d10	18.956	212	852	0.029	ng	0.00
31) Terphenyl-d14	19.569	244	607	0.031	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.399	42	742	0.104	ng	# 1
16) Acenaphthylene	13.878	152	2746	0.104	ng	98
18) Fluorene	15.215	166	750	0.033	ng	# 97
25) Phenanthrene	16.954	178	24034	0.737	ng	100
26) Anthracene	17.041	178	4105	0.145	ng	94
28) Fluoranthene	18.984	202	73368	1.996	ng	100
30) Pyrene	19.351	202	62319	1.658	ng	98
32) Benzo(a)anthracene	21.103	228	29926	0.914	ng	99
33) Chrysene	21.157	228	31831	0.949	ng	98
34) Bis(2-ethylhexyl)phtha...	21.067	149	1706	0.092	ng	# 1
36) Indeno(1,2,3-cd)pyrene	25.416	276	23107	0.533	ng	95
37) Benzo(b)fluoranthene	22.642	252	46197	1.244	ng	94
38) Benzo(k)fluoranthene	22.642	252	46197	1.268	ng	94
39) Benzo(a)pyrene	23.098	252	22518	0.726	ng	96
40) Dibenzo(a,h)anthracene	25.428	278	5067	0.147	ng	# 82
41) Benzo(g,h,i)perylene	26.071	276	23775	0.635	ng	99

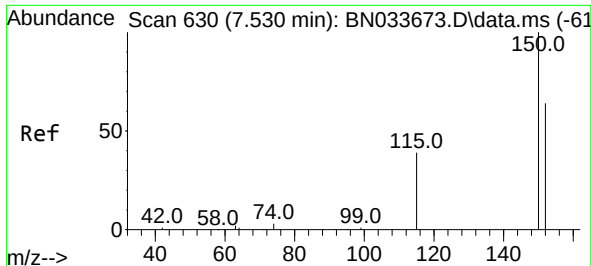
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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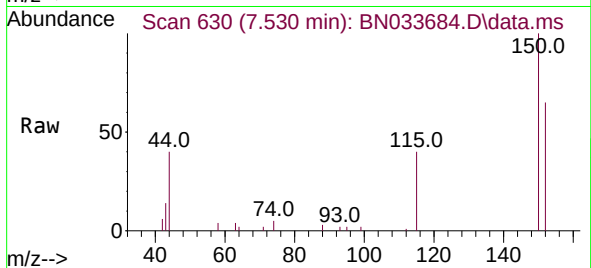
Quant Time: Aug 30 01:34:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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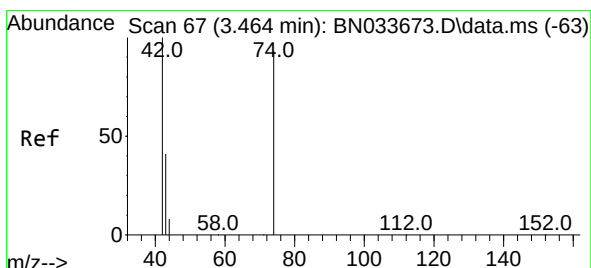
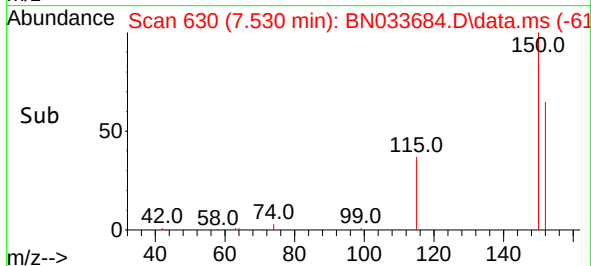
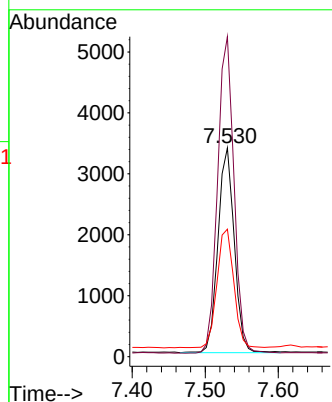


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.530 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

Instrument :
BNA_N
ClientSampleId :
916-J-SD-0-0.5-081624DL

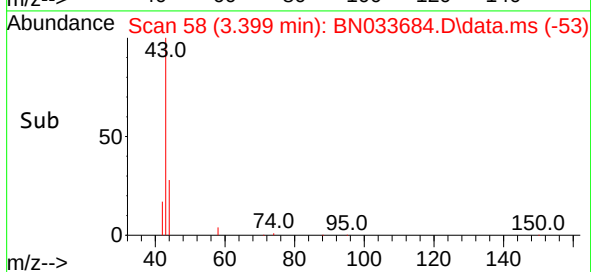
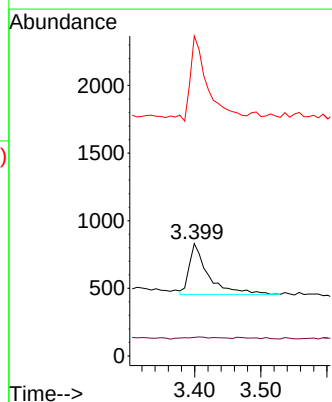
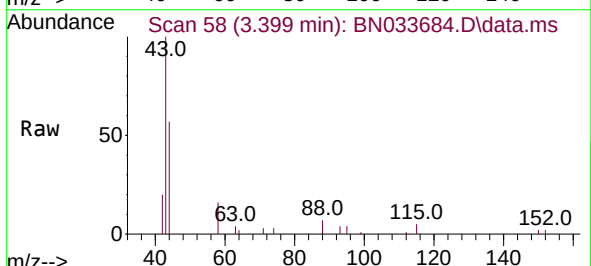


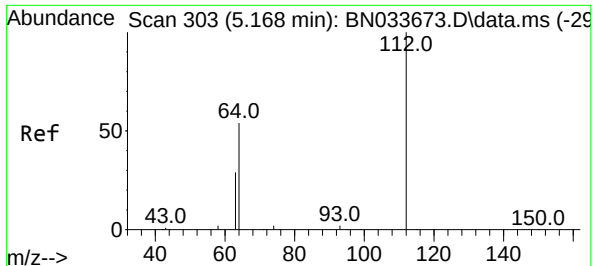
Tgt Ion:152 Resp: 5208
Ion Ratio Lower Upper
152 100
150 153.3 123.4 185.0
115 61.1 51.3 76.9



#3
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.065 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

Tgt Ion: 42 Resp: 742
Ion Ratio Lower Upper
42 100
74 1.5 91.8 137.6#
44 156.2 6.2 9.4#

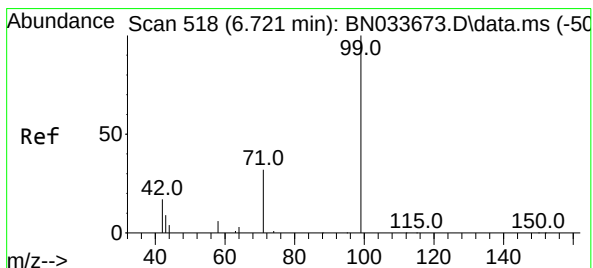
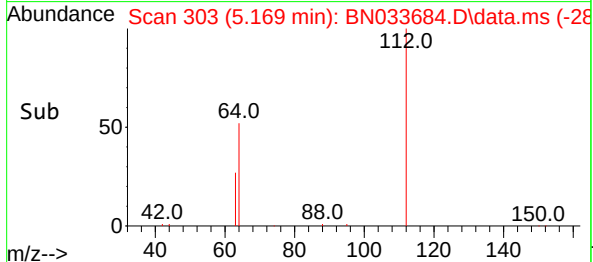
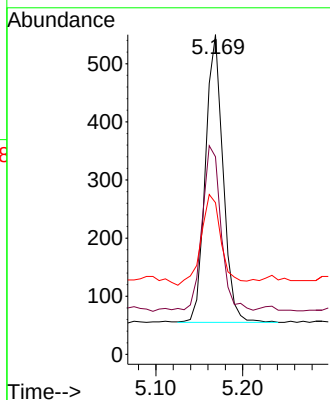
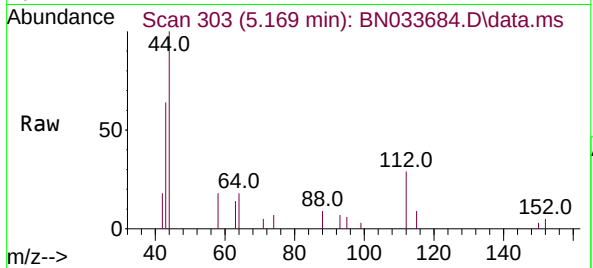




#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.169 min Scan# 303
Delta R.T. 0.000 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

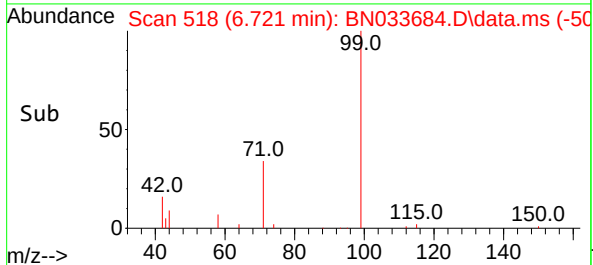
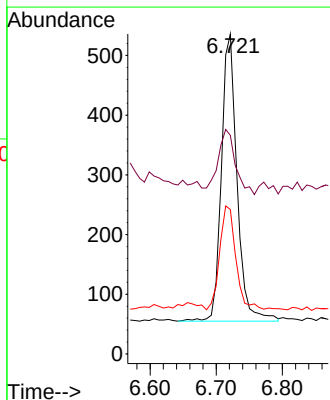
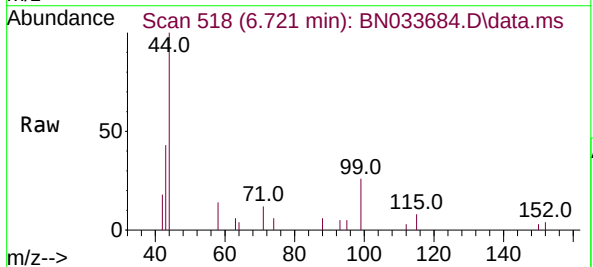
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0-0.5-081624DL

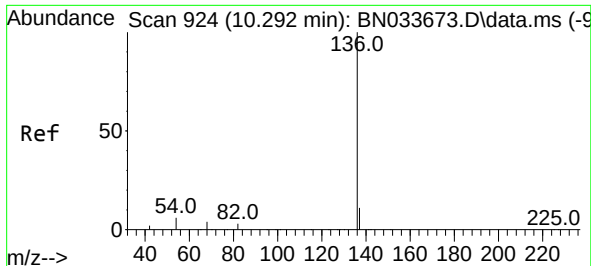
Tgt Ion: 112 Resp: 699
Ion Ratio Lower Upper
112 100
64 60.4 48.6 72.8
63 35.9 26.6 39.8



#5
Phenol-d6
Concen: 0.043 ng
RT: 6.721 min Scan# 518
Delta R.T. 0.000 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

Tgt Ion: 99 Resp: 791
Ion Ratio Lower Upper
99 100
42 25.0 17.8 26.8
71 37.2 28.0 42.0

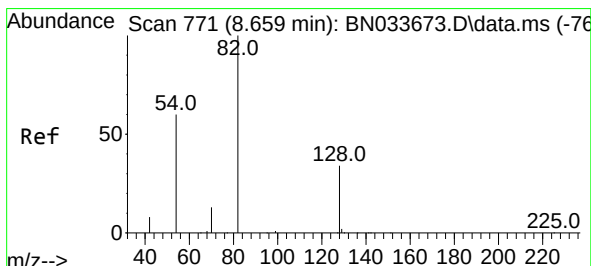
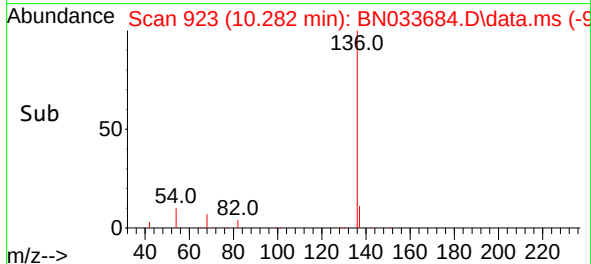
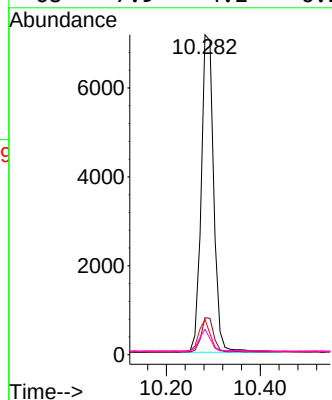
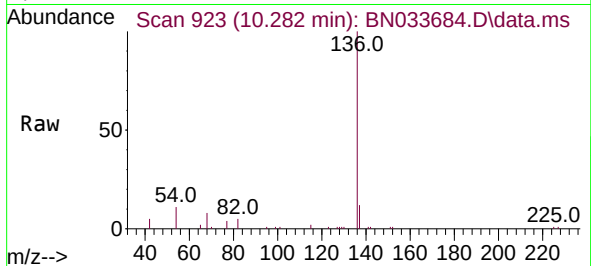




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

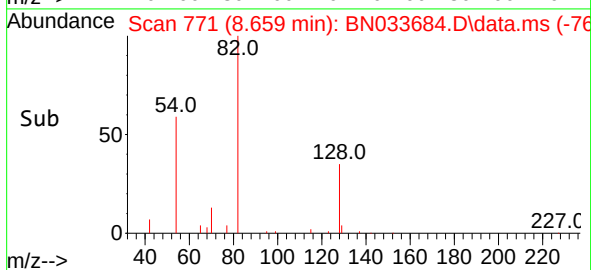
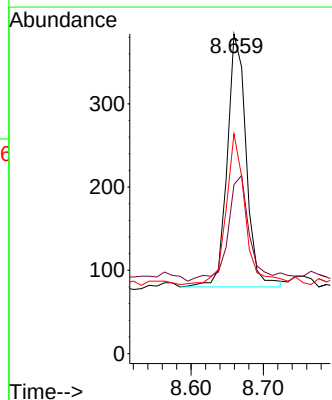
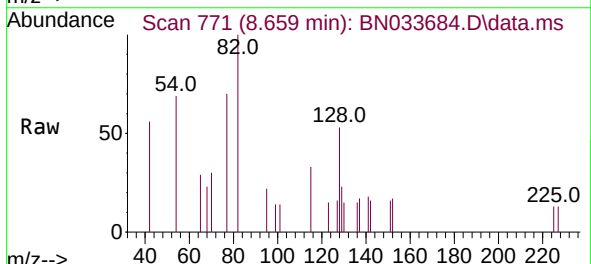
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0-0.5-081624DL

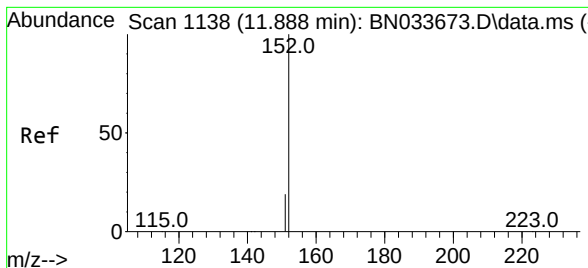
Tgt Ion:	136	Resp:	13259
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	11.0	5.8	8.6#
68	7.9	4.2	6.2#



#8
Nitrobenzene-d5
Concen: 0.050 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

Tgt Ion:	82	Resp:	555
Ion Ratio	Lower	Upper	
82	100		
128	52.9	29.3	43.9#
54	68.8	49.4	74.0

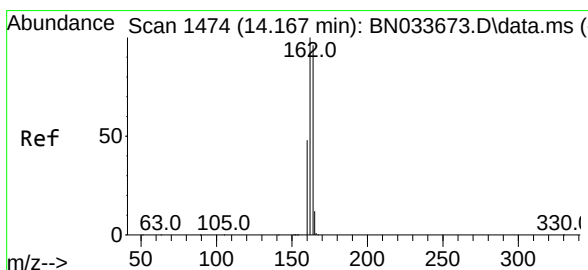
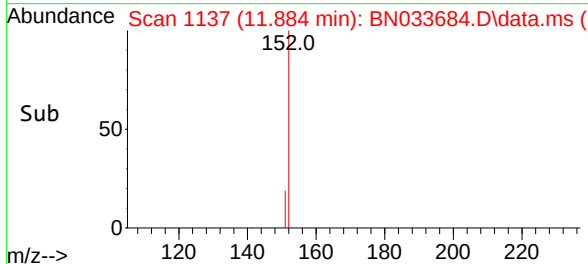
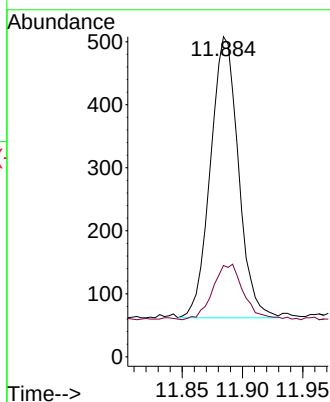
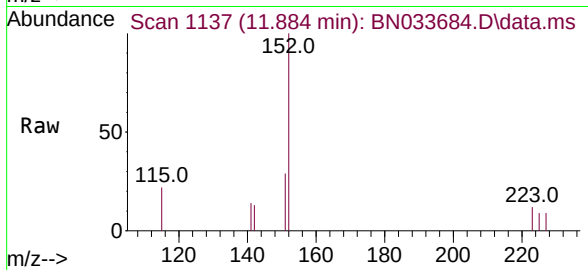




#11
2-Methylnaphthalene-d10
Concen: 0.039 ng
RT: 11.884 min Scan# 1138
Delta R.T. -0.003 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

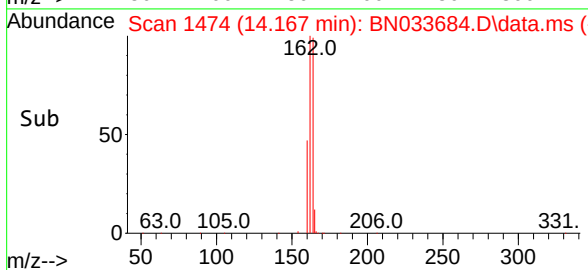
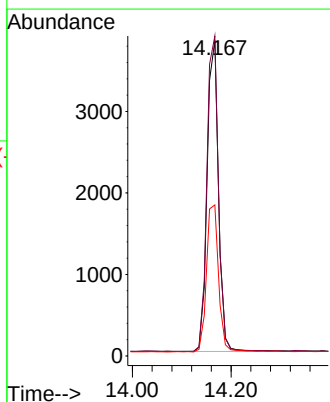
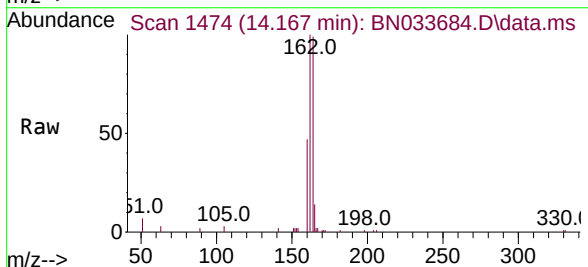
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0-0.5-081624DL

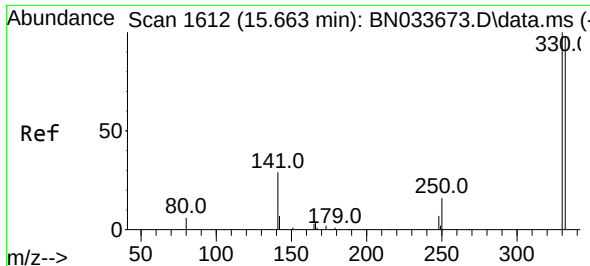
Tgt Ion:152 Resp: 720
Ion Ratio Lower Upper
152 100
151 21.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.167 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

Tgt Ion:164 Resp: 6100
Ion Ratio Lower Upper
164 100
162 101.4 83.4 125.2
160 47.9 40.2 60.2

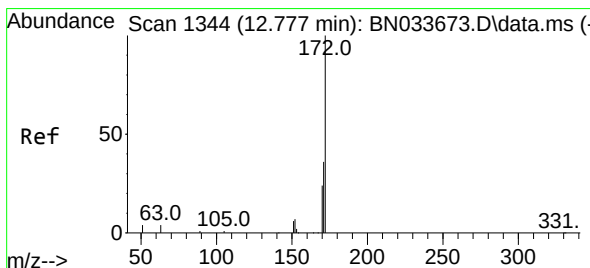
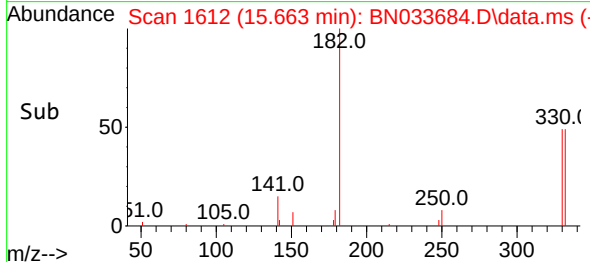
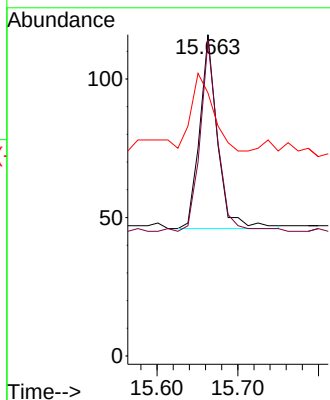
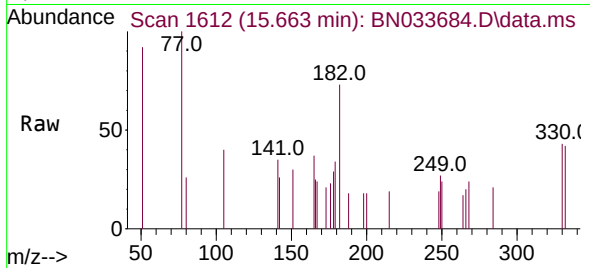




#14
2,4,6-Tribromophenol
Concen: 0.037 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

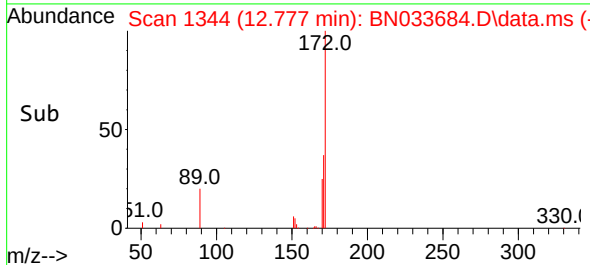
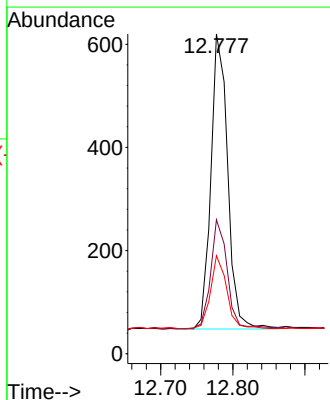
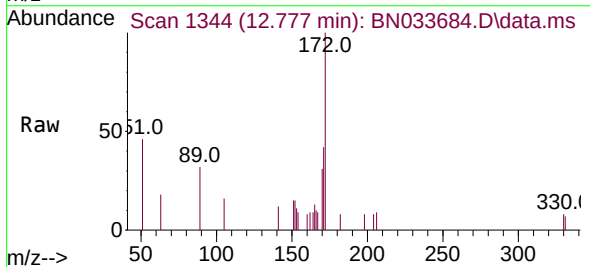
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0-0.5-081624DL

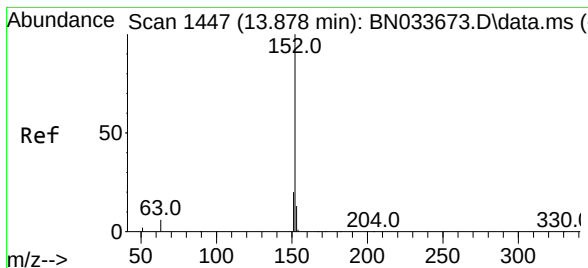
Tgt Ion:330 Resp: 107
Ion Ratio Lower Upper
330 100
332 98.1 78.6 118.0
141 48.6 35.0 52.6



#15
2-Fluorobiphenyl
Concen: 0.036 ng
RT: 12.777 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

Tgt Ion:172 Resp: 927
Ion Ratio Lower Upper
172 100
171 41.9 29.2 43.8
170 30.6 19.7 29.5#





#16

Acenaphthylene

Concen: 0.104 ng

RT: 13.878 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BN033684.D

Acq: 30 Aug 2024 00:34

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0-0.5-081624DL

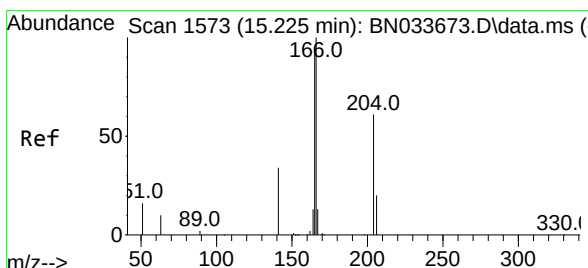
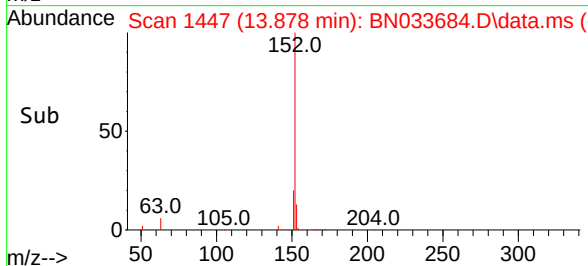
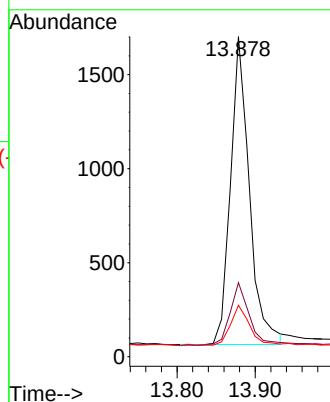
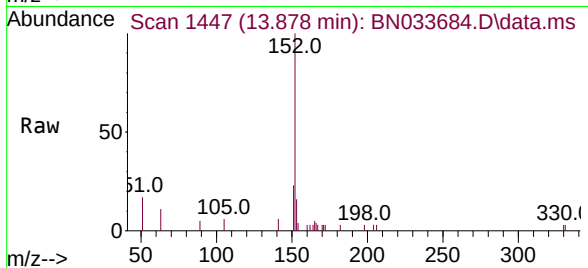
Tgt Ion:152 Resp: 2746

Ion Ratio Lower Upper

152 100

151 20.9 15.6 23.4

153 13.2 10.3 15.5



#18

Fluorene

Concen: 0.033 ng

RT: 15.215 min Scan# 1572

Delta R.T. -0.010 min

Lab File: BN033684.D

Acq: 30 Aug 2024 00:34

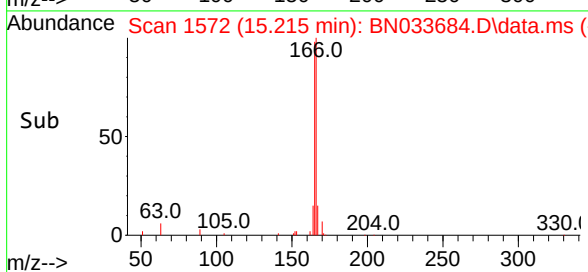
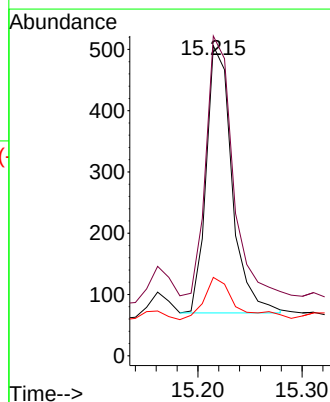
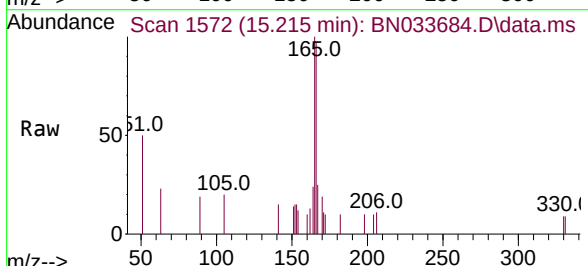
Tgt Ion:166 Resp: 750

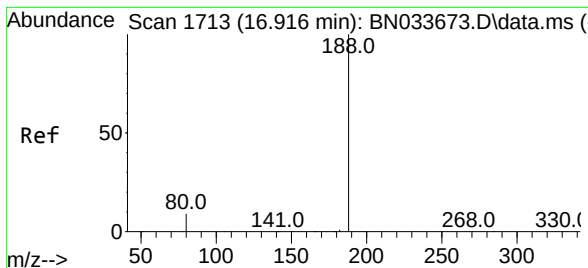
Ion Ratio Lower Upper

166 100

165 100.0 78.6 118.0

167 19.2 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.917 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN033684.D

Acq: 30 Aug 2024 00:34

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0-0.5-081624DL

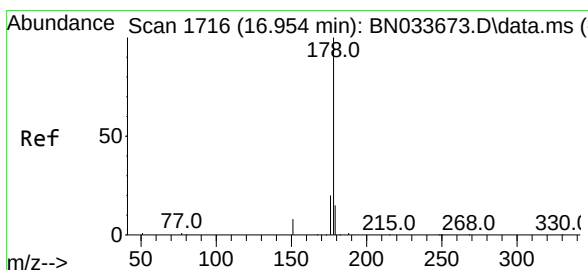
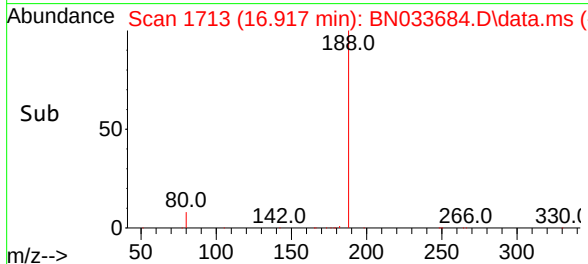
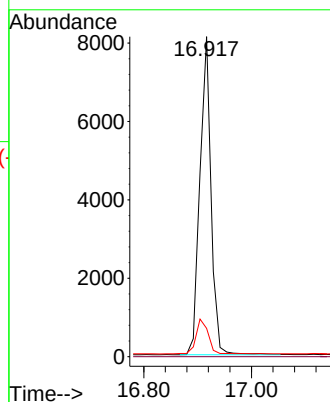
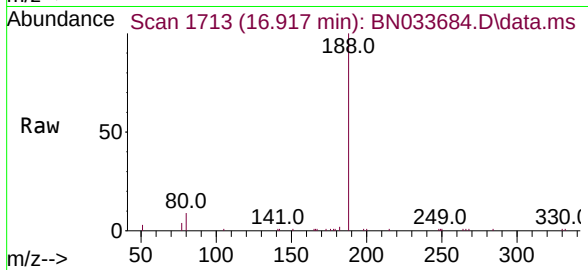
Tgt Ion:188 Resp: 11733

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 7.4 11.0



#25

Phenanthrene

Concen: 0.737 ng

RT: 16.954 min Scan# 1716

Delta R.T. 0.000 min

Lab File: BN033684.D

Acq: 30 Aug 2024 00:34

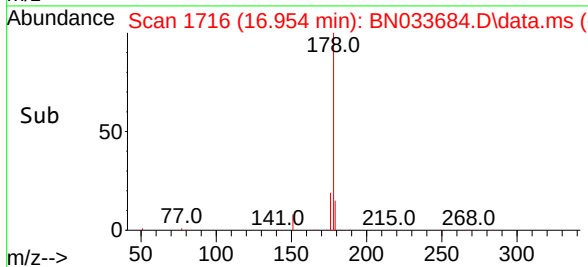
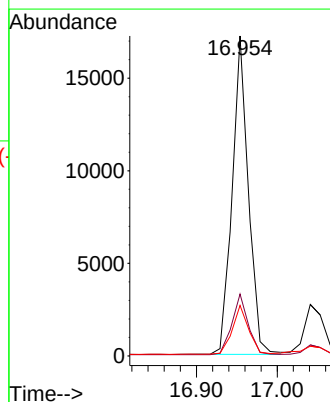
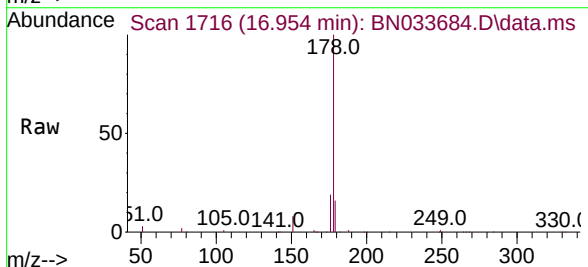
Tgt Ion:178 Resp: 24034

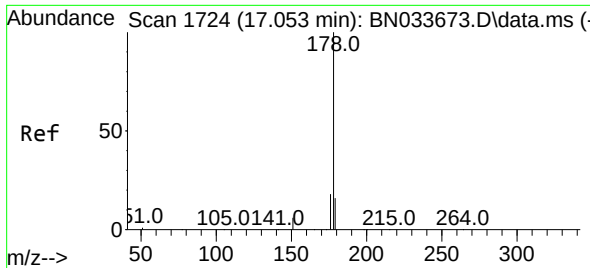
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.3 12.2 18.2

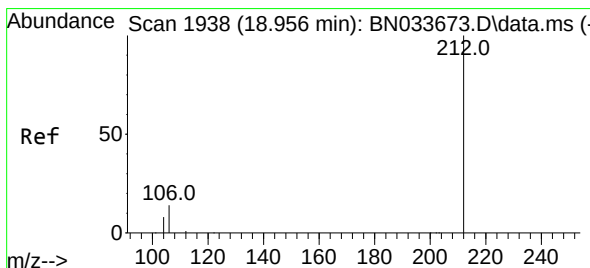
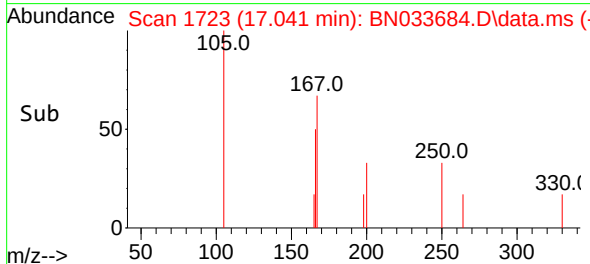
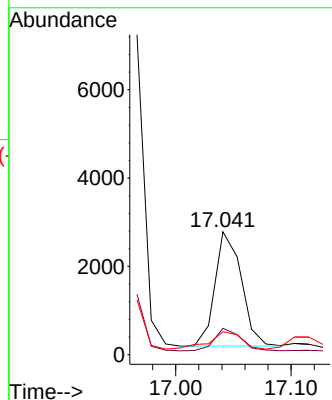
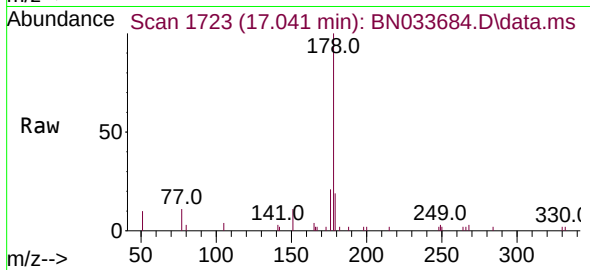




#26
 Anthracene
 Concen: 0.145 ng
 RT: 17.041 min Scan# 1723
 Delta R.T. -0.012 min
 Lab File: BN033684.D
 Acq: 30 Aug 2024 00:34

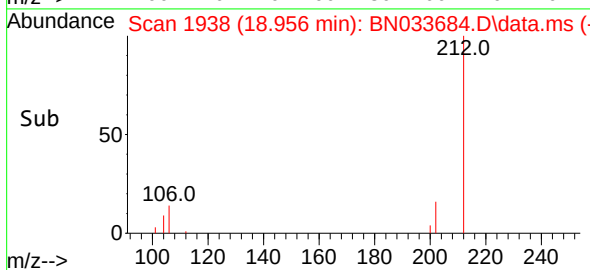
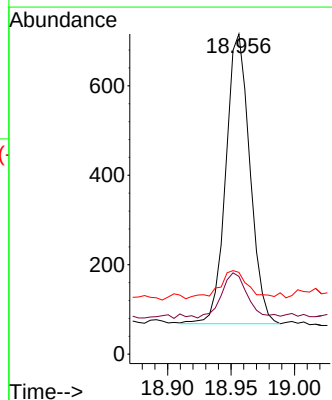
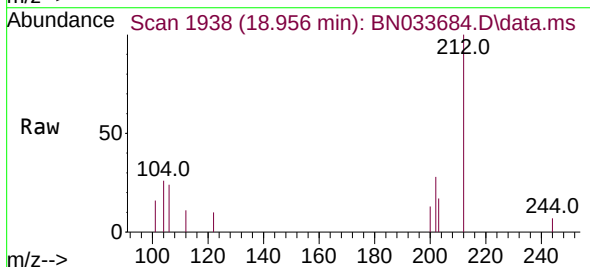
Instrument :
 BNA_N
 ClientSampleId :
 916-J-SD-0-0.5-081624DL

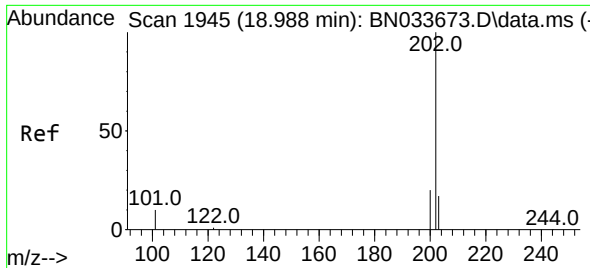
Tgt Ion:178 Resp: 4105
 Ion Ratio Lower Upper
 178 100
 176 20.8 14.9 22.3
 179 18.3 12.2 18.4



#27
 Fluoranthene-d10
 Concen: 0.029 ng
 RT: 18.956 min Scan# 1938
 Delta R.T. 0.000 min
 Lab File: BN033684.D
 Acq: 30 Aug 2024 00:34

Tgt Ion:212 Resp: 852
 Ion Ratio Lower Upper
 212 100
 106 16.8 11.8 17.6
 104 11.5 6.9 10.3#

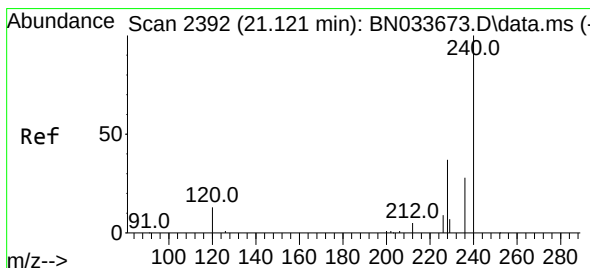
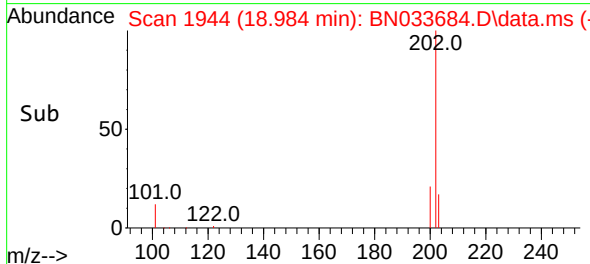
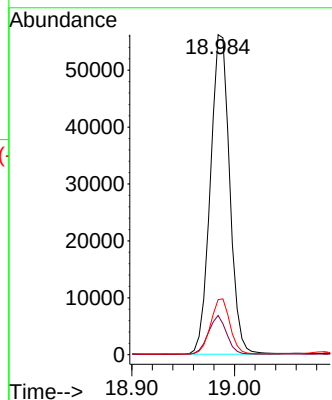
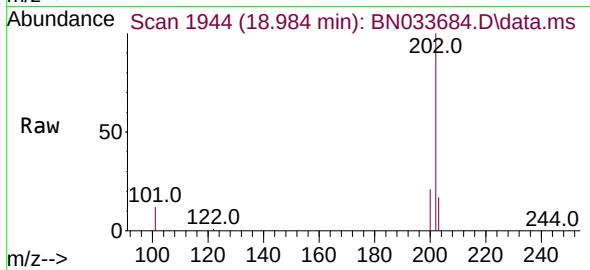




#28
Fluoranthene
Concen: 1.996 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.004 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

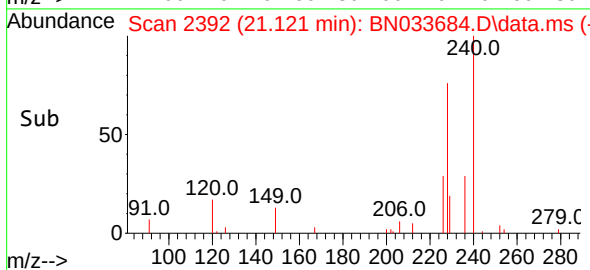
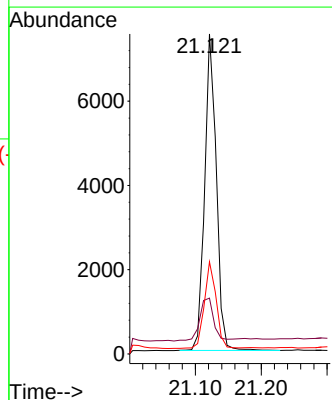
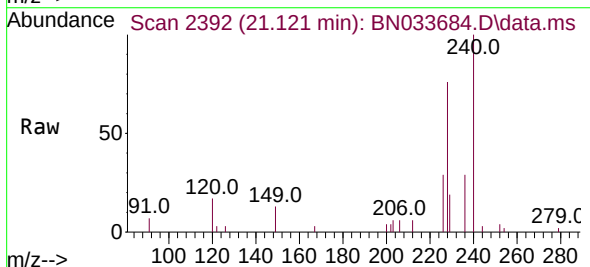
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0-0.5-081624DL

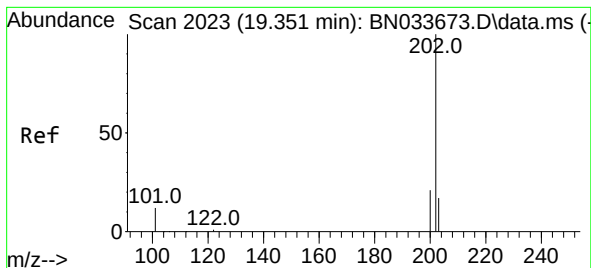
Tgt Ion:202	Resp:	73368
Ion Ratio	Lower	Upper
202	100	
101	11.4	9.2 13.8
203	17.3	13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.121 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

Tgt Ion:240	Resp:	9283
Ion Ratio	Lower	Upper
240	100	
120	17.5	13.3 19.9
236	28.8	23.4 35.2





#30

Pyrene

Concen: 1.658 ng

RT: 19.351 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BN033684.D

Acq: 30 Aug 2024 00:34

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0-0.5-081624DL

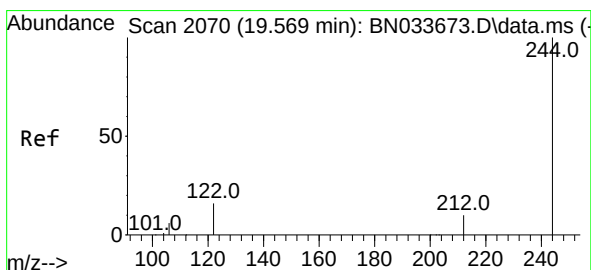
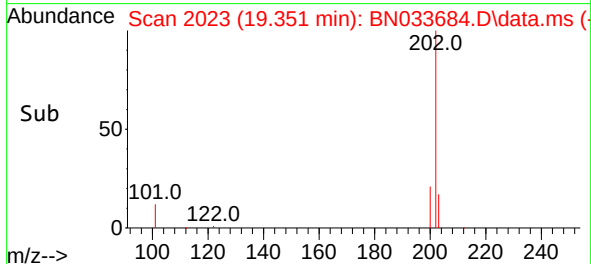
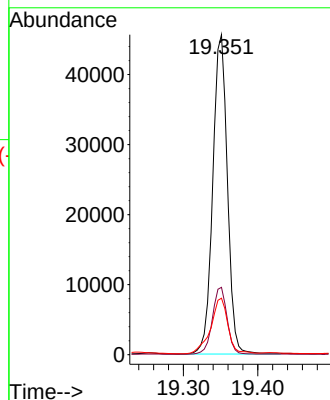
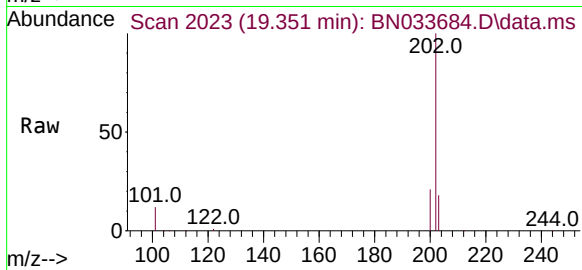
Tgt Ion:202 Resp: 62319

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

203 20.4 14.5 21.7



#31

Terphenyl-d14

Concen: 0.031 ng

RT: 19.569 min Scan# 2070

Delta R.T. 0.000 min

Lab File: BN033684.D

Acq: 30 Aug 2024 00:34

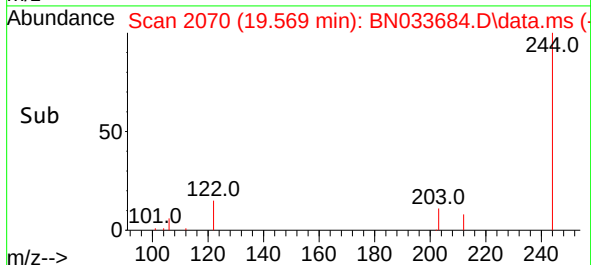
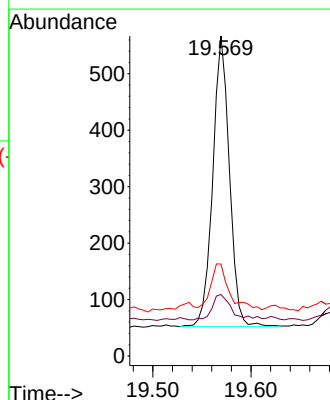
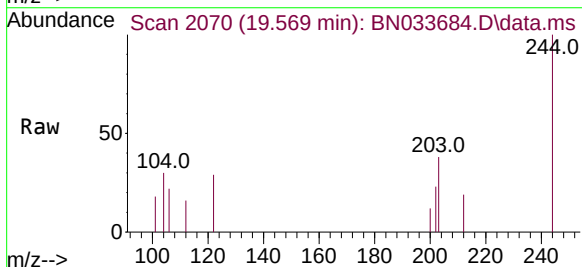
Tgt Ion:244 Resp: 607

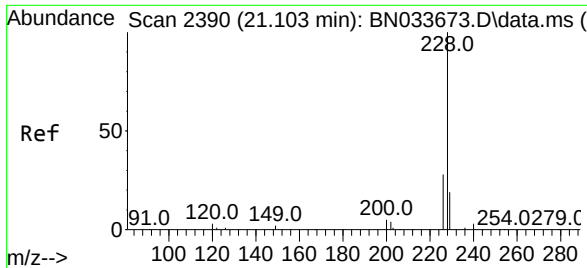
Ion Ratio Lower Upper

244 100

212 19.2 8.2 12.4#

122 28.7 13.6 20.4#

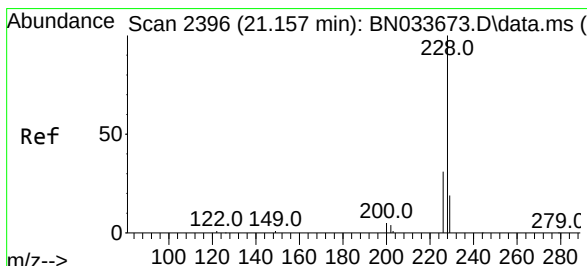
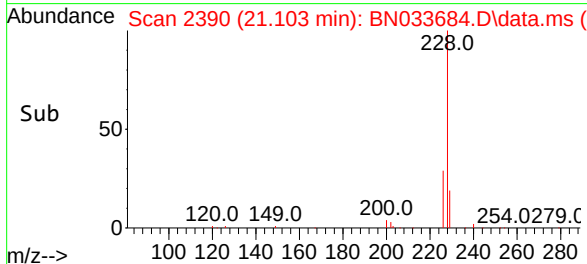
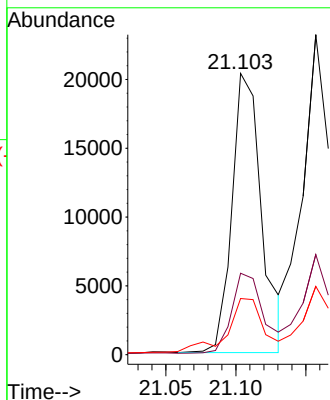
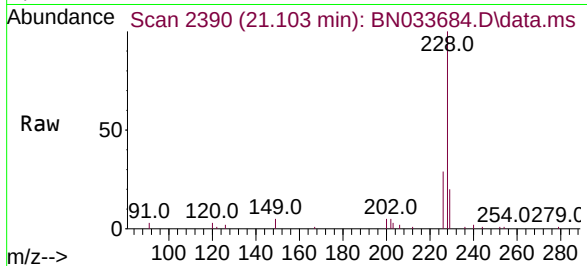




#32
Benzo(a)anthracene
Concen: 0.914 ng
RT: 21.103 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

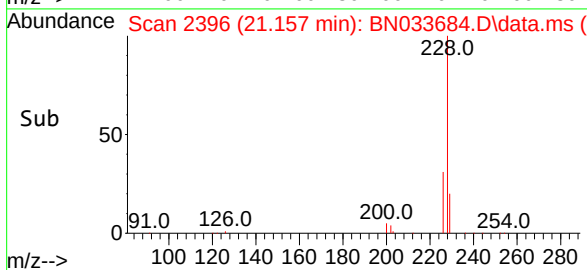
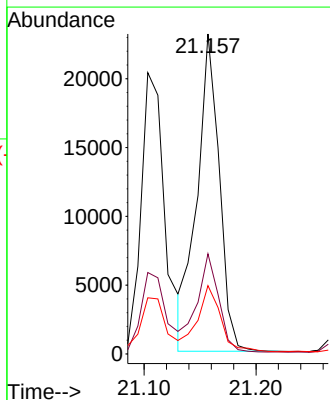
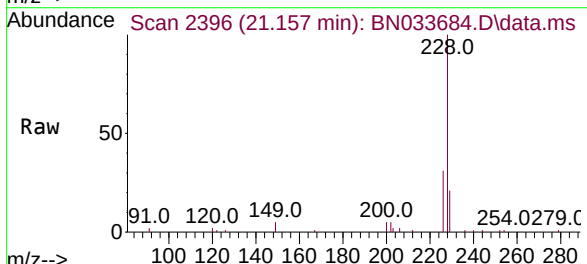
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0-0.5-081624DL

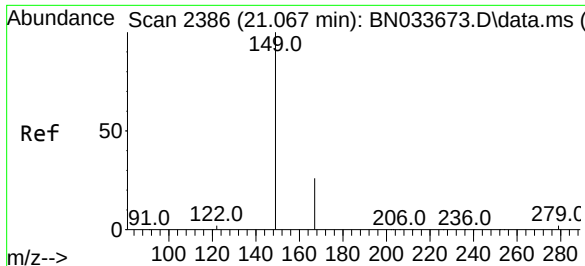
Tgt Ion:	228	Resp:	29926
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.6	34.0
229	20.0	15.8	23.6



#33
Chrysene
Concen: 0.949 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

Tgt Ion:	228	Resp:	31831
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.7	37.1
229	21.3	15.6	23.4

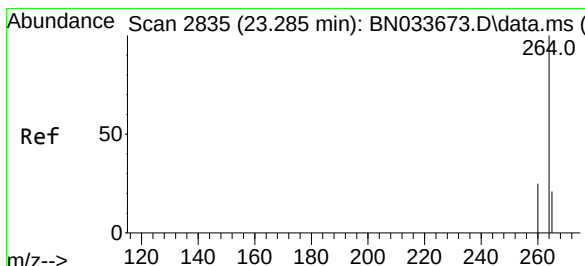
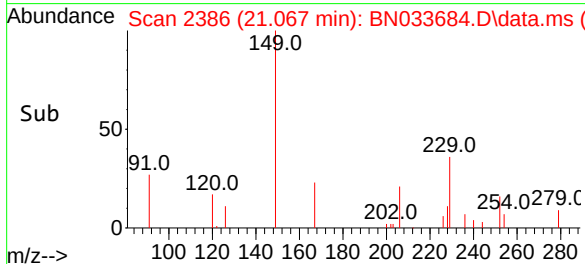
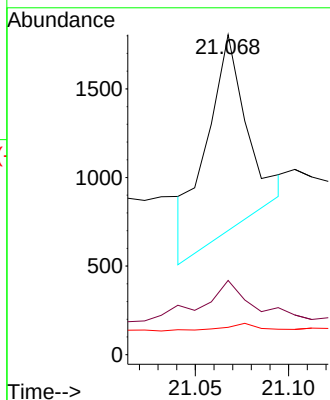
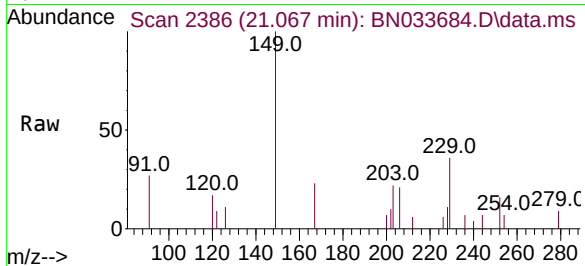




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.092 ng
RT: 21.067 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

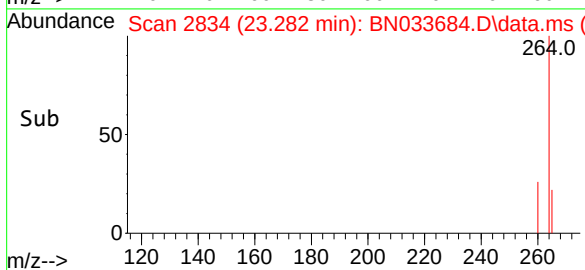
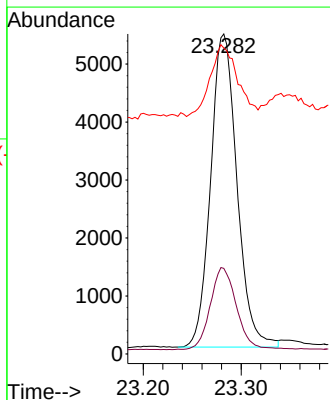
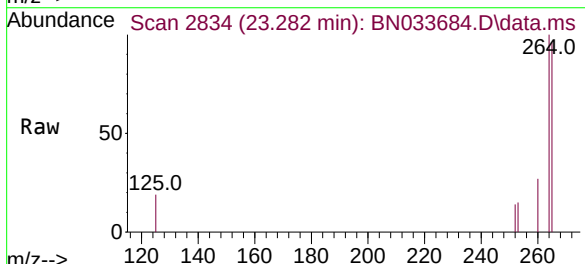
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0-0.5-081624DL

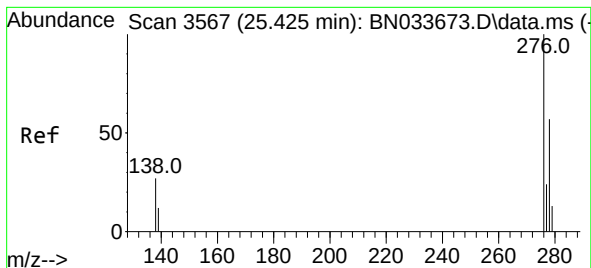
Tgt Ion:149 Resp: 1706
Ion Ratio Lower Upper
149 100
167 109.3 28.3 42.5#
279 0.0 4.2 6.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.282 min Scan# 2834
Delta R.T. -0.003 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

Tgt Ion:264 Resp: 10100
Ion Ratio Lower Upper
264 100
260 26.7 20.7 31.1
265 95.6 69.9 104.9





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.533 ng

RT: 25.416 min Scan# 3567

Delta R.T. -0.008 min

Lab File: BN033684.D

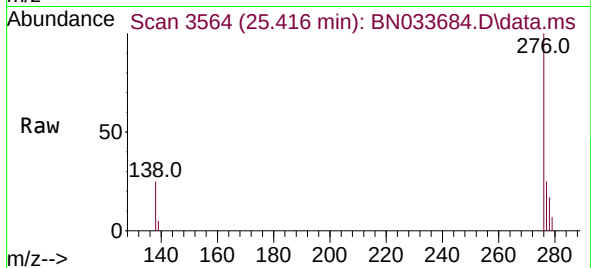
Acq: 30 Aug 2024 00:34

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0-0.5-081624DL



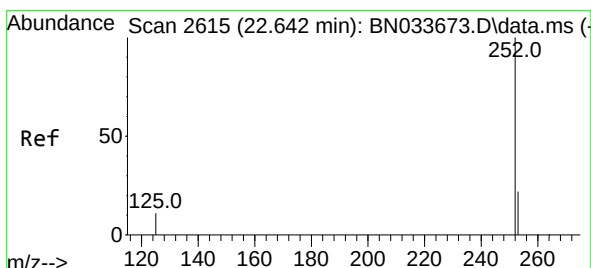
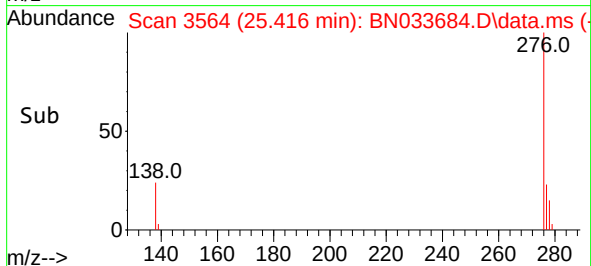
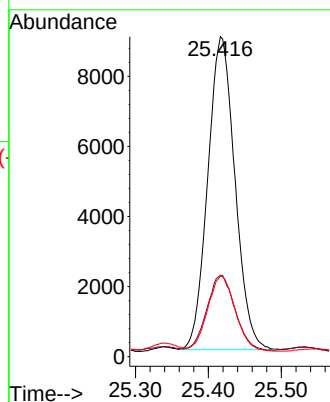
Tgt Ion:276 Resp: 23107

Ion Ratio Lower Upper

276 100

138 24.7 23.3 34.9

277 24.5 19.8 29.6



#37

Benzo(b)fluoranthene

Concen: 1.244 ng

RT: 22.642 min Scan# 2615

Delta R.T. 0.000 min

Lab File: BN033684.D

Acq: 30 Aug 2024 00:34

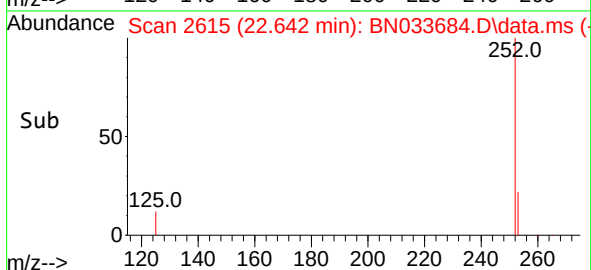
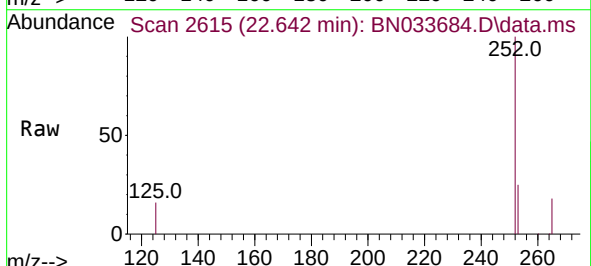
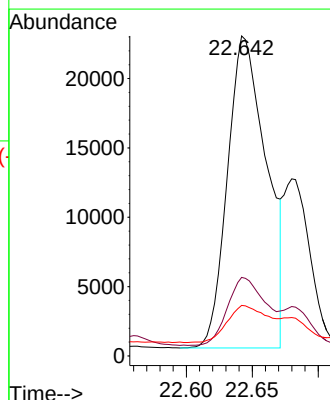
Tgt Ion:252 Resp: 46197

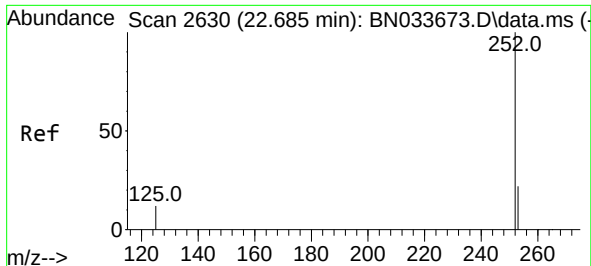
Ion Ratio Lower Upper

252 100

253 24.6 21.6 32.4

125 15.8 15.2 22.8

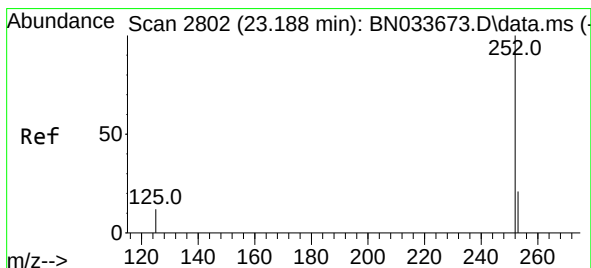
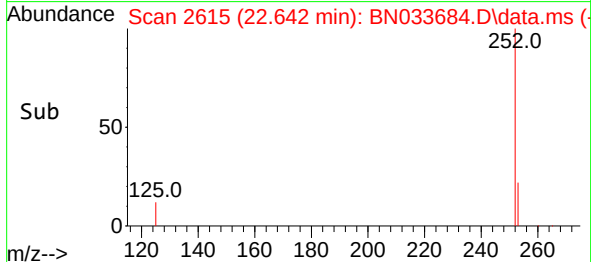
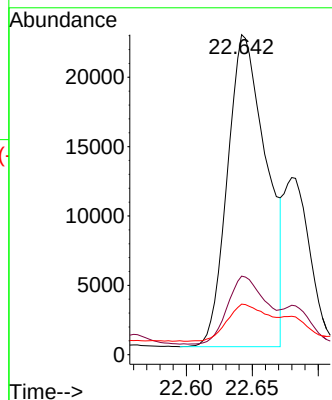
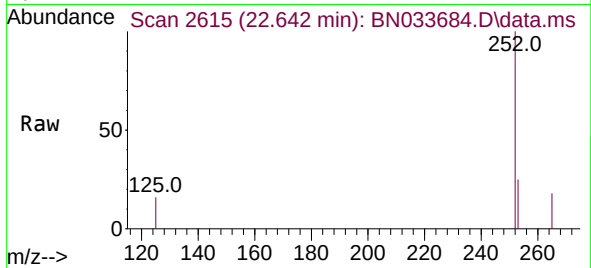




#38
Benzo(k)fluoranthene
Concen: 1.268 ng
RT: 22.642 min Scan# 2071
Delta R.T. -0.044 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

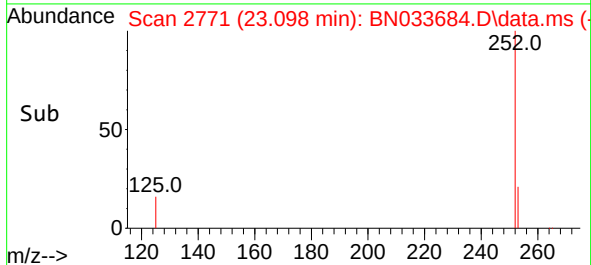
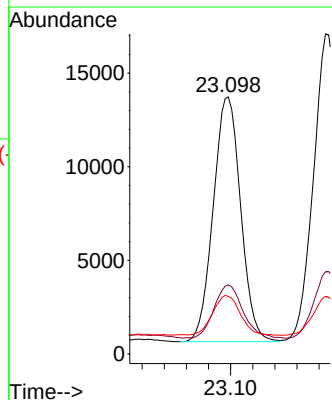
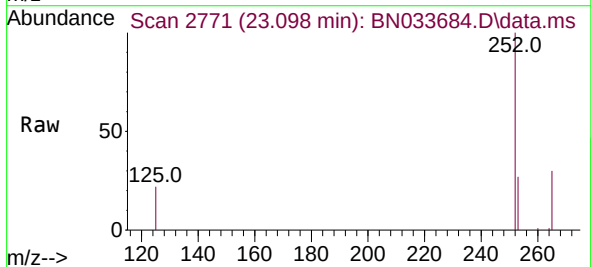
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0-0.5-081624DL

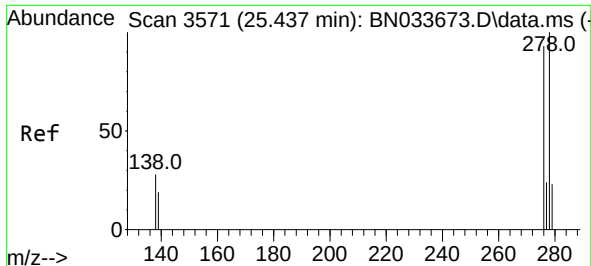
Tgt Ion:252 Resp: 46197
Ion Ratio Lower Upper
252 100
253 24.6 21.4 32.2
125 15.8 15.8 23.6



#39
Benzo(a)pyrene
Concen: 0.726 ng
RT: 23.098 min Scan# 2771
Delta R.T. -0.090 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

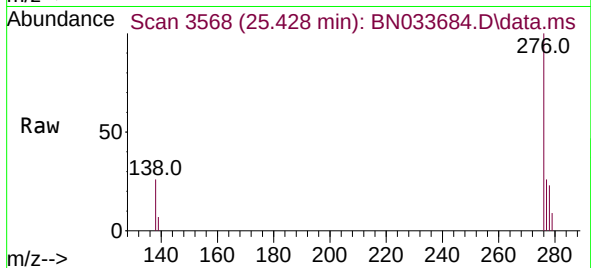
Tgt Ion:252 Resp: 22518
Ion Ratio Lower Upper
252 100
253 26.9 23.6 35.4
125 22.4 18.7 28.1



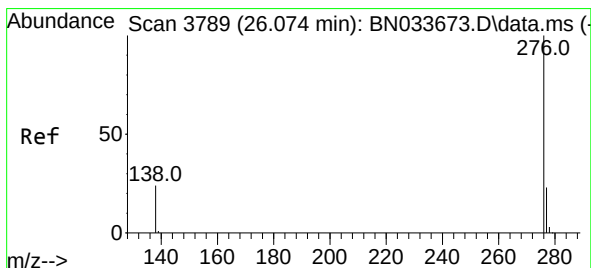
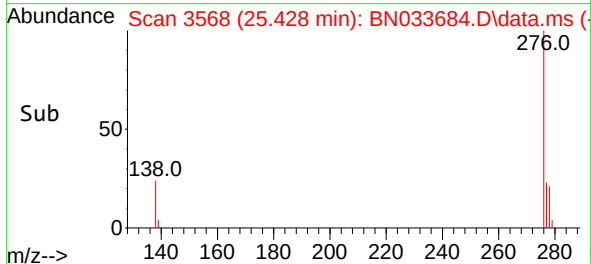
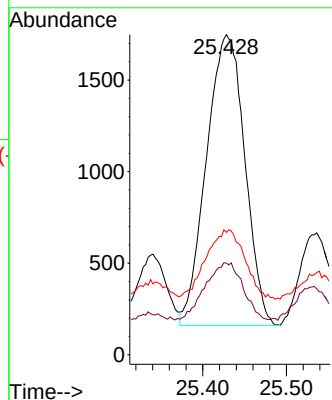


#40
Dibenzo(a,h)anthracene
Concen: 0.147 ng
RT: 25.428 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

Instrument :
BNA_N
ClientSampleId :
916-J-SD-0-0.5-081624DL



Tgt Ion:278 Resp: 5067
Ion Ratio Lower Upper
278 100
139 28.6 17.2 25.8#
279 38.2 22.2 33.4#



#41
Benzo(g,h,i)perylene
Concen: 0.635 ng
RT: 26.071 min Scan# 3788
Delta R.T. -0.003 min
Lab File: BN033684.D
Acq: 30 Aug 2024 00:34

Tgt Ion:276 Resp: 23775
Ion Ratio Lower Upper
276 100
277 24.7 20.2 30.2
138 26.5 21.1 31.7

