

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
 Data File : BN031492.D
 Acq On : 11 May 2024 10:37
 Operator : MA/JU
 Sample : P2445-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-04B-92.5-050924-FD

Quant Time: May 13 01:26:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

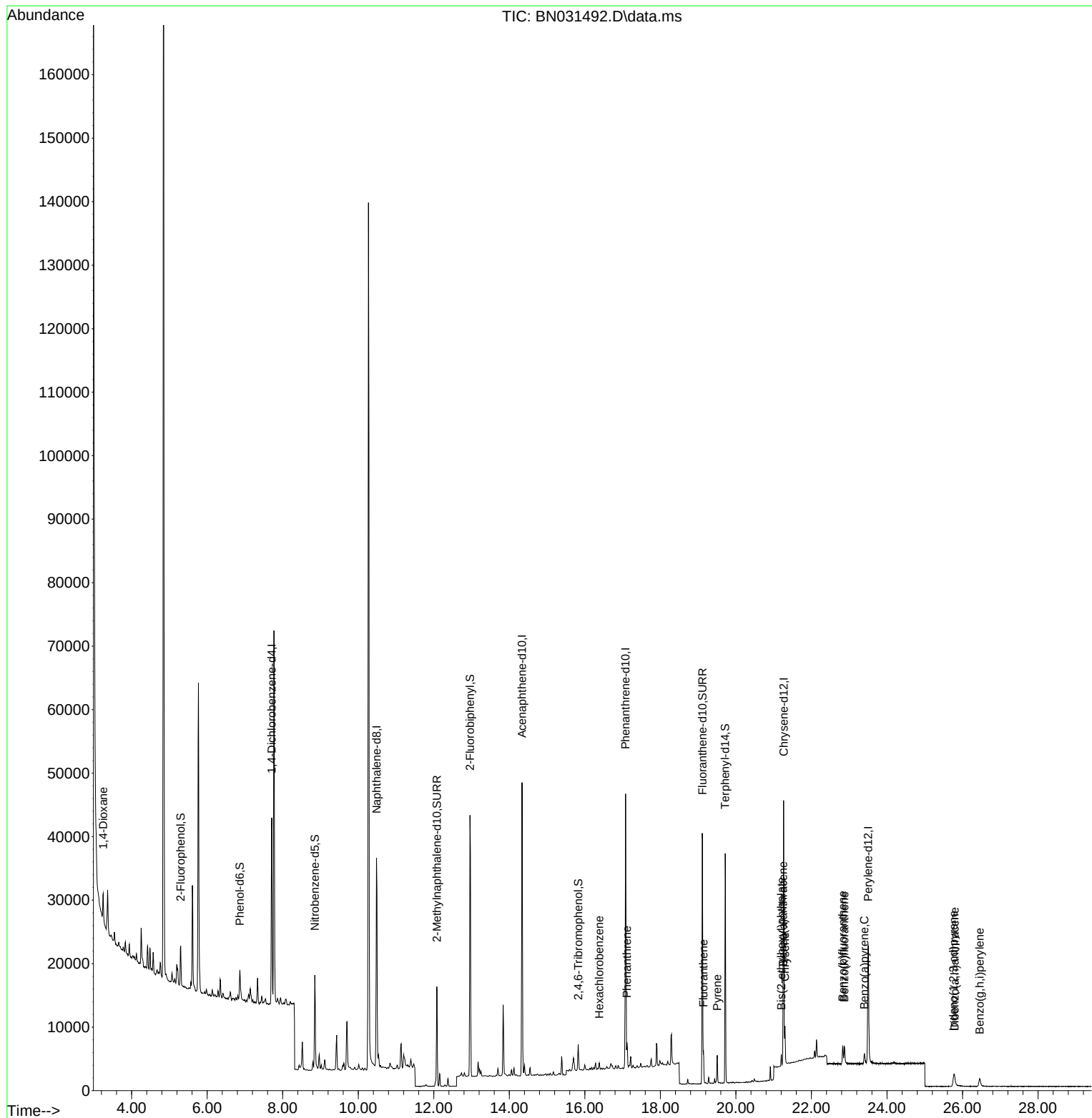
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	14083	0.400	ng	0.00
7) Naphthalene-d8	10.485	136	44166	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	24183	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	52783	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	34829	0.400	ng	0.00
35) Perylene-d12	23.505	264	26629	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	5112	0.128	ng	0.00
5) Phenol-d6	6.866	99	4344	0.081	ng	0.00
8) Nitrobenzene-d5	8.852	82	11663	0.368	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	21904	0.308	ng	-0.01
14) 2,4,6-Tribromophenol	15.825	330	2228	0.243	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	36286	0.389	ng	-0.02
27) Fluoranthene-d10	19.114	212	42106	0.288	ng	0.00
31) Terphenyl-d14	19.718	244	33874	0.398	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.248	88	2768	0.160	ng	# 71
22) Hexachlorobenzene	16.383	284	637	0.020	ng	93
25) Phenanthrene	17.115	178	4426	0.030	ng	100
28) Fluoranthene	19.142	202	4042	0.023	ng	# 94
30) Pyrene	19.504	202	3872	0.027	ng	99
32) Benzo(a)anthracene	21.247	228	3869	0.029	ng	97
33) Chrysene	21.301	228	4663	0.036	ng	98
34) Bis(2-ethylhexyl)phtha...	21.202	149	1849	0.024	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.765	276	3148	0.030	ng	97
37) Benzo(b)fluoranthene	22.829	252	3683	0.039	ng	# 61
38) Benzo(k)fluoranthene	22.873	252	3808	0.042	ng	# 55
39) Benzo(a)pyrene	23.402	252	2501	0.030	ng	# 31
40) Dibenzo(a,h)anthracene	25.791	278	2309	0.027	ng	# 57
41) Benzo(g,h,i)perylene	26.457	276	2792	0.031	ng	# 78

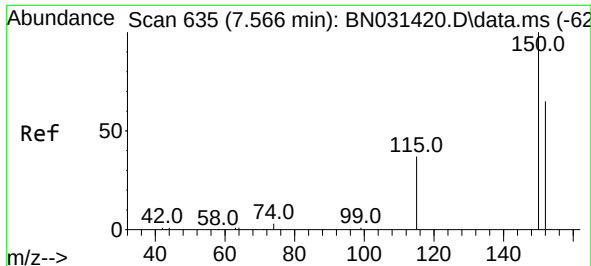
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031492.D
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Instrument :
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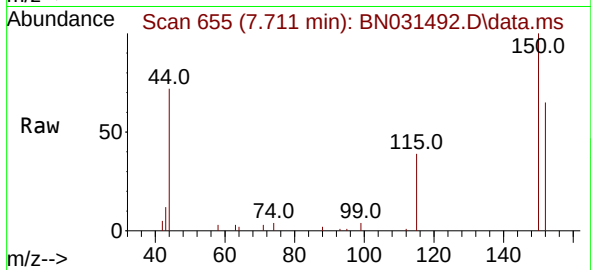
Quant Time: May 13 01:26:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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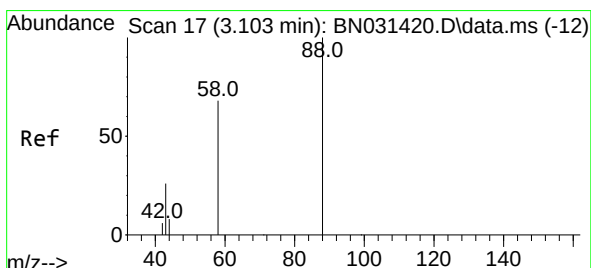
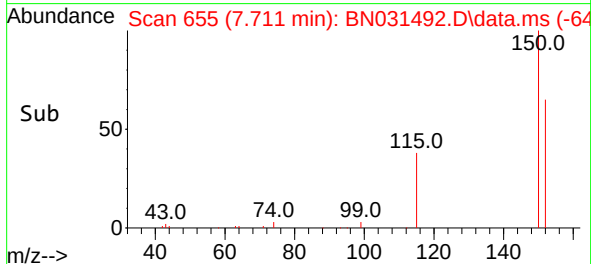
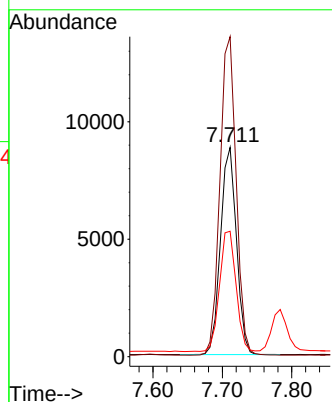


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.711 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN031492.D
 Acq: 11 May 2024 10:37

Instrument :
 BNA_N
 ClientSampleId :
 RMW-04B-92.5-050924-FD

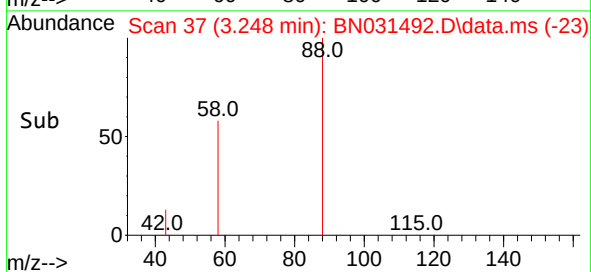
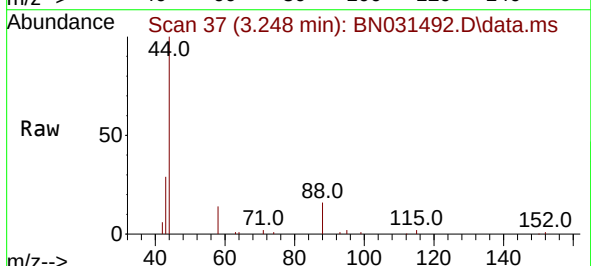
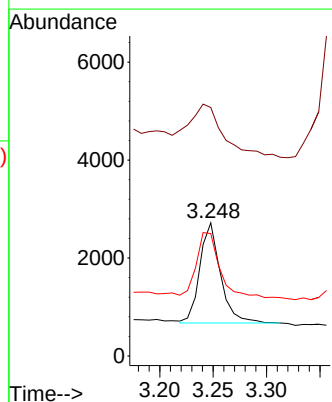


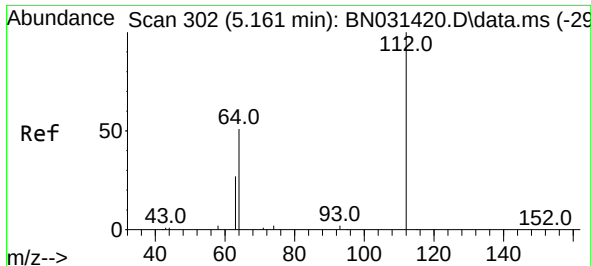
Tgt Ion:152 Resp: 14083
 Ion Ratio Lower Upper
 152 100
 150 152.9 119.3 178.9
 115 59.9 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.160 ng
 RT: 3.248 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: BN031492.D
 Acq: 11 May 2024 10:37

Tgt Ion: 88 Resp: 2768
 Ion Ratio Lower Upper
 88 100
 43 92.0 39.0 58.6#
 58 71.9 54.9 82.3

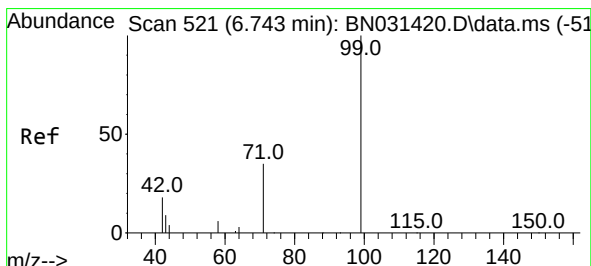
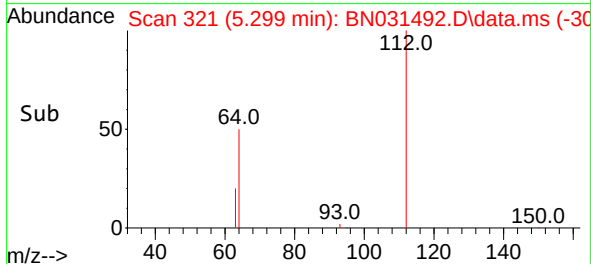
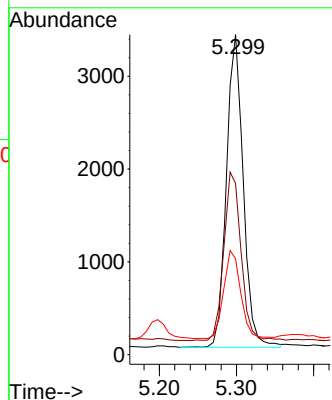
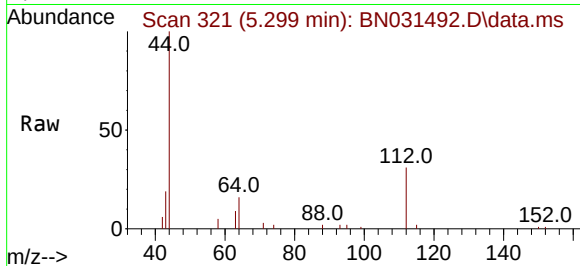




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.299 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

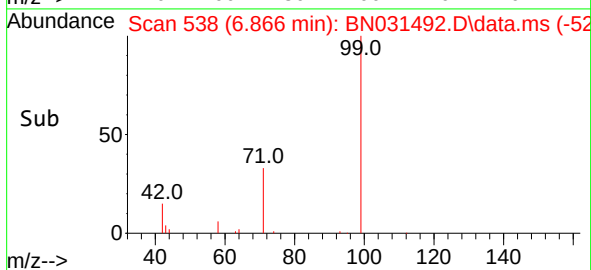
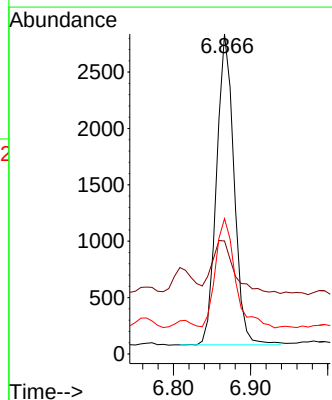
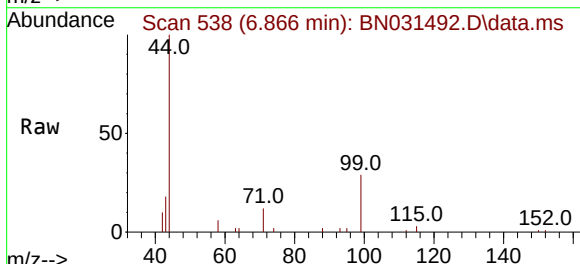
Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

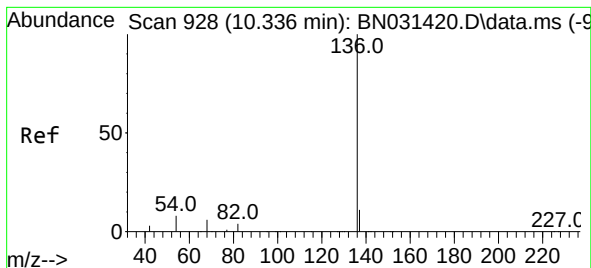
Tgt Ion:112 Resp: 5112
Ion Ratio Lower Upper
112 100
64 55.4 44.0 66.0
63 28.4 22.2 33.4



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.866 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion: 99 Resp: 4344
Ion Ratio Lower Upper
99 100
42 21.4 13.5 20.3#
71 39.5 26.1 39.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.485 min Scan# 94

Delta R.T. -0.011 min

Lab File: BN031492.D

Acq: 11 May 2024 10:37

Instrument :

BNA_N

ClientSampleId :

RMW-04B-92.5-050924-FD

Tgt Ion:136 Resp: 44166

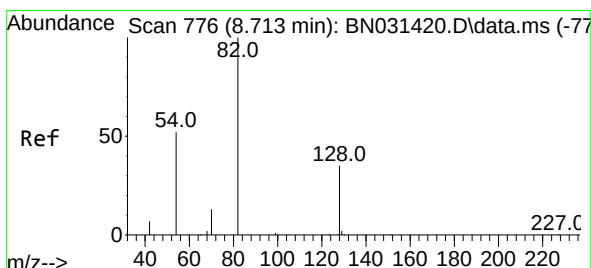
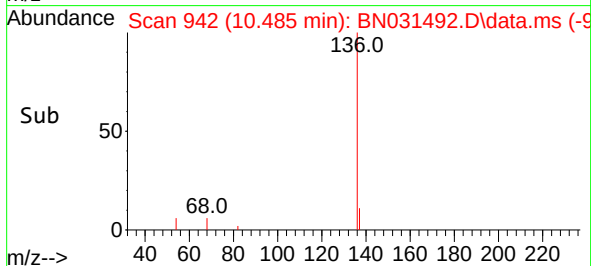
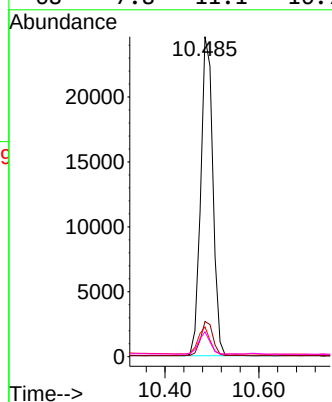
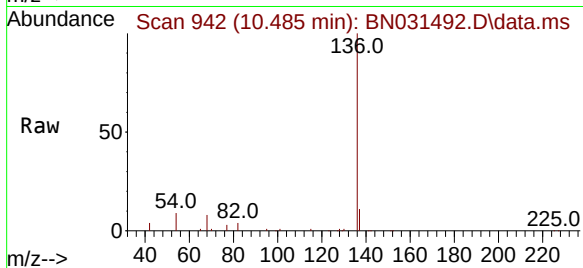
Ion Ratio Lower Upper

136 100

137 11.0 10.1 15.1

54 9.3 10.5 15.7#

68 7.8 11.1 16.7#



#8

Nitrobenzene-d5

Concen: 0.368 ng

RT: 8.852 min Scan# 789

Delta R.T. -0.011 min

Lab File: BN031492.D

Acq: 11 May 2024 10:37

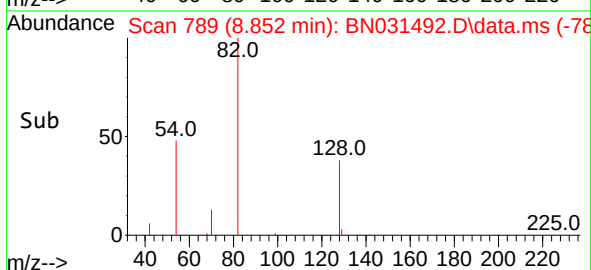
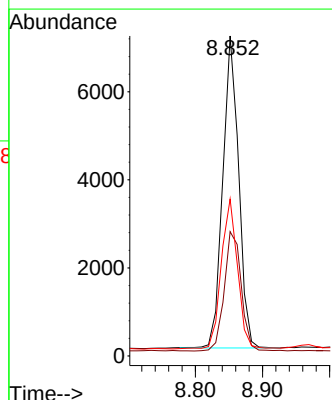
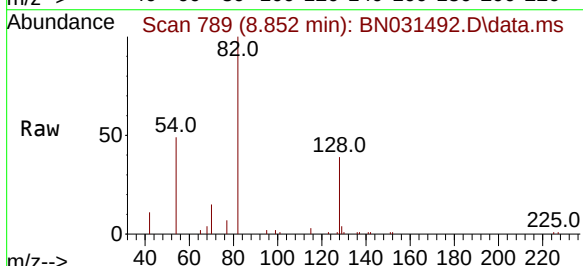
Tgt Ion: 82 Resp: 11663

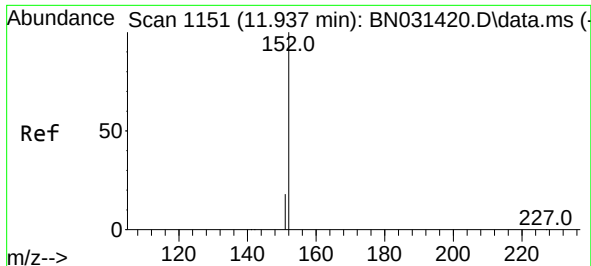
Ion Ratio Lower Upper

82 100

128 38.9 29.0 43.6

54 49.0 37.2 55.8

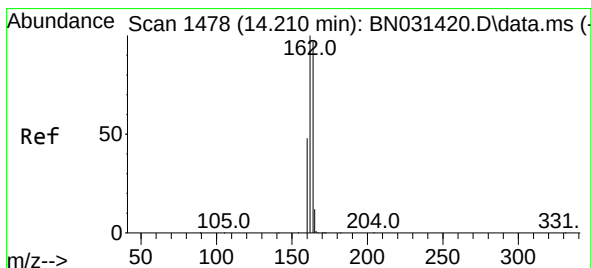
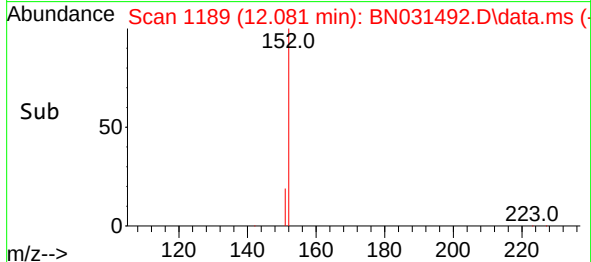
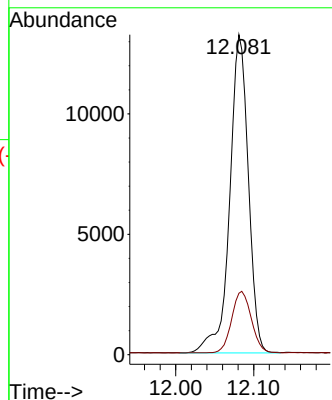
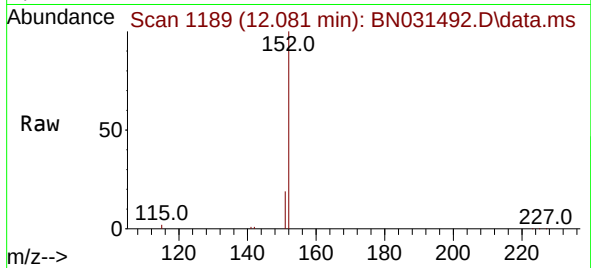




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.081 min Scan# 1151
Delta R.T. -0.011 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

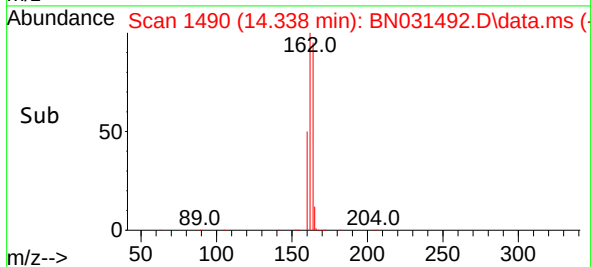
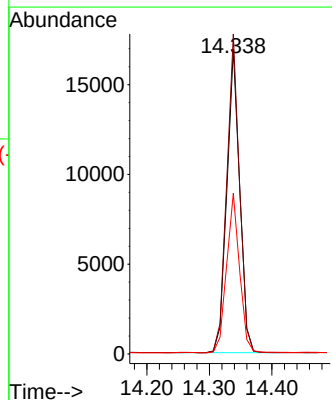
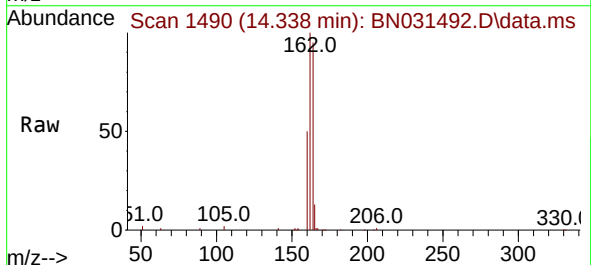
Instrument :
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ClientSampleId :
RMW-04B-92.5-050924-FD

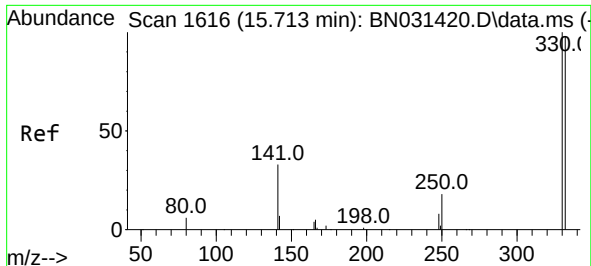
Tgt Ion:152 Resp: 21904
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:164 Resp: 24183
Ion Ratio Lower Upper
164 100
162 104.9 81.2 121.8
160 52.7 37.0 55.6

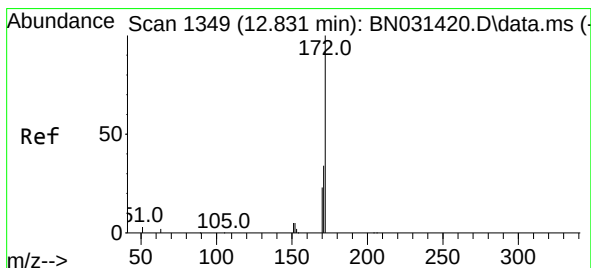
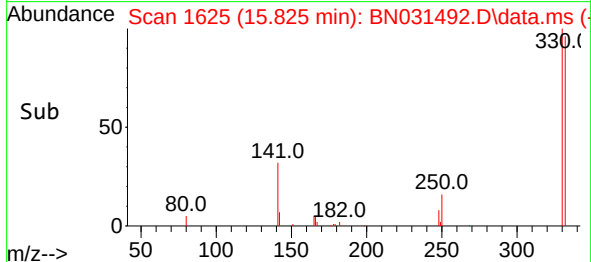
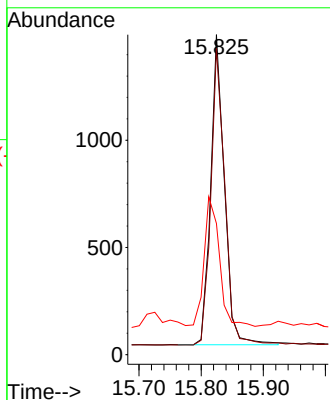
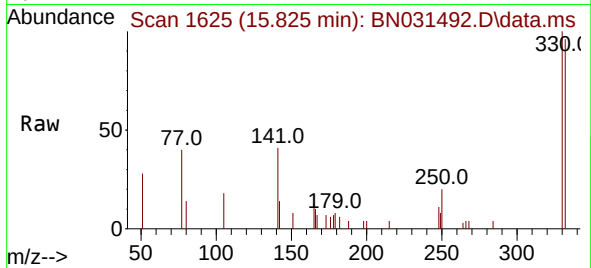




#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.825 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

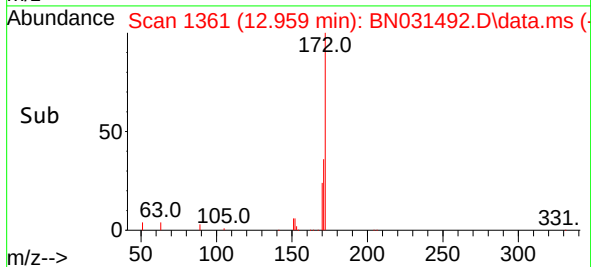
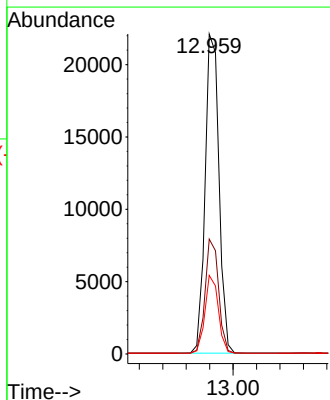
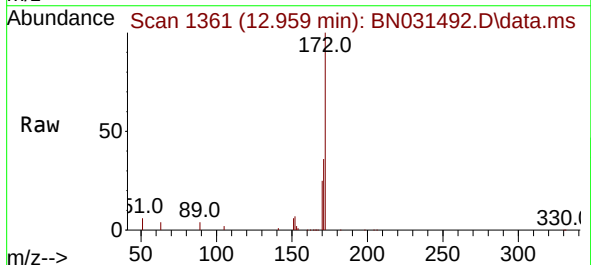
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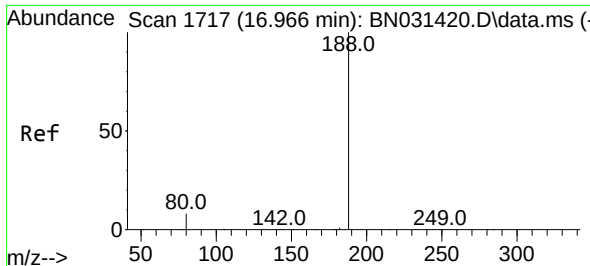
Tgt Ion:330 Resp: 2228
Ion Ratio Lower Upper
330 100
332 96.8 76.6 114.8
141 46.0 37.0 55.4



#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.959 min Scan# 1361
Delta R.T. -0.022 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:172 Resp: 36286
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.8
170 24.6 18.3 27.5

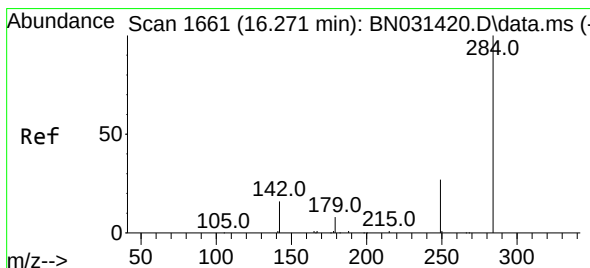
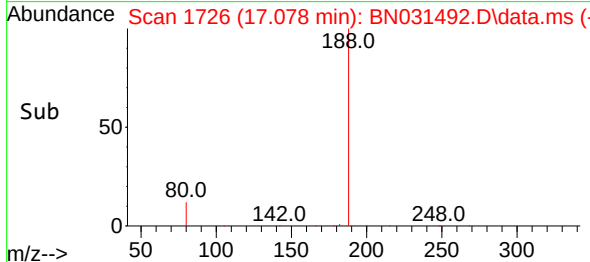
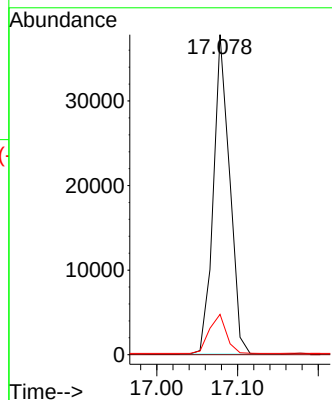
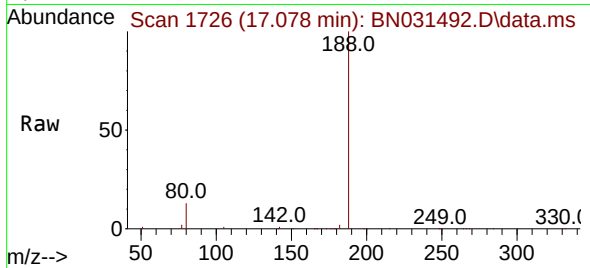




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

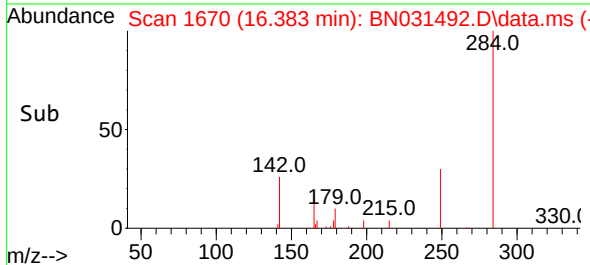
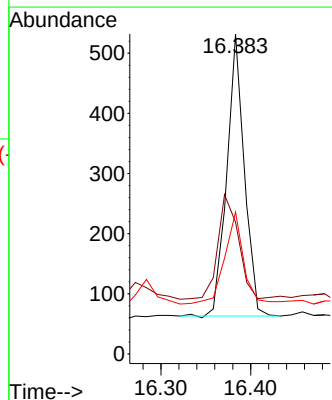
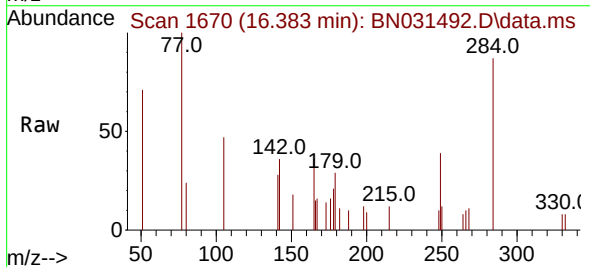
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ClientSampleId :
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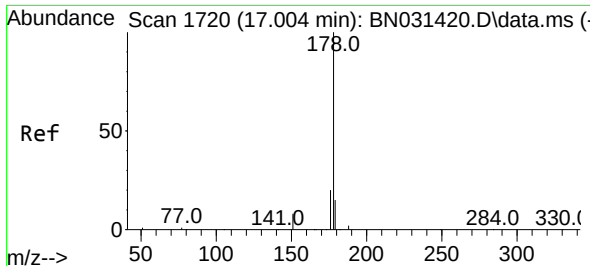
Tgt Ion:188 Resp: 52783
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 9.6 14.4



#22
Hexachlorobenzene
Concen: 0.020 ng
RT: 16.383 min Scan# 1670
Delta R.T. -0.013 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:284 Resp: 637
Ion Ratio Lower Upper
284 100
142 43.8 31.0 46.6
249 34.9 25.5 38.3

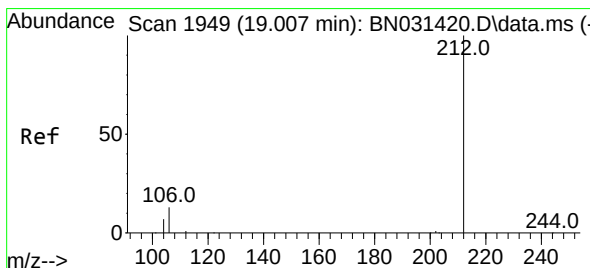
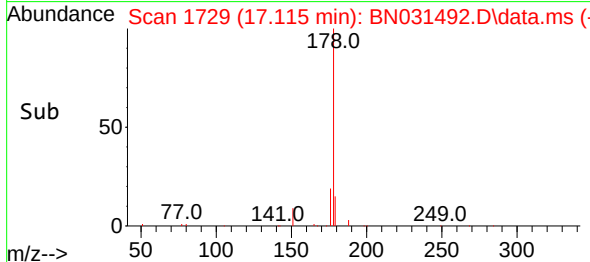
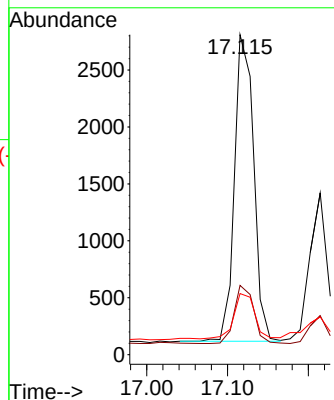
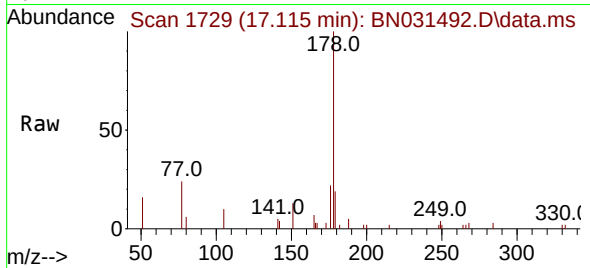




#25
Phenanthrene
Concen: 0.030 ng
RT: 17.115 min Scan# 1729
Delta R.T. -0.013 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

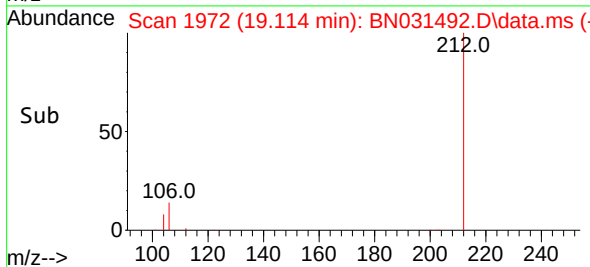
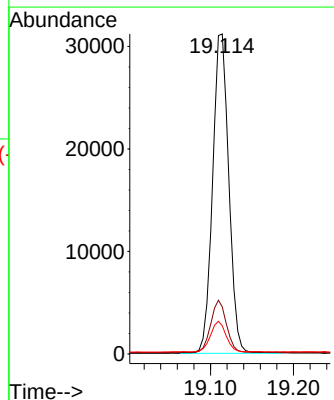
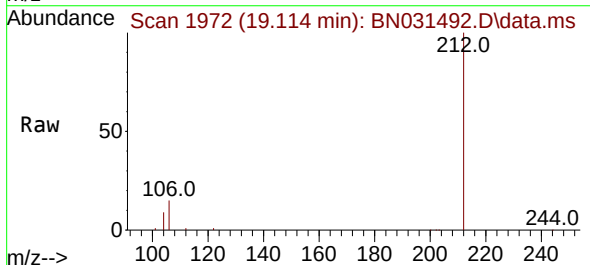
Instrument :
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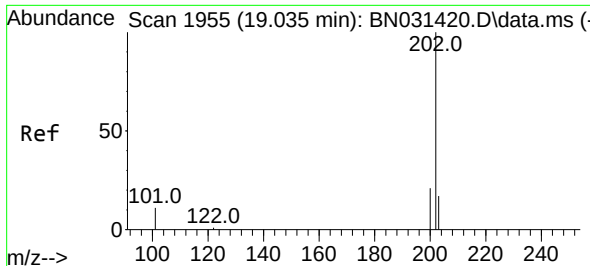
Tgt Ion:	178	Resp:	4426
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.3	22.9
179	15.5	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.288 ng
RT: 19.114 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:	212	Resp:	42106
Ion Ratio	Lower	Upper	
212	100		
106	16.0	12.0	18.0
104	9.1	6.9	10.3

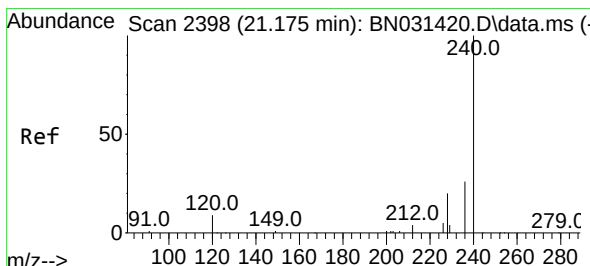
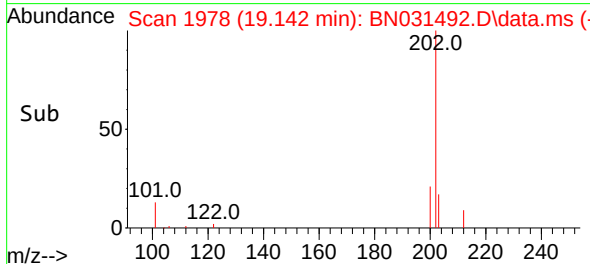
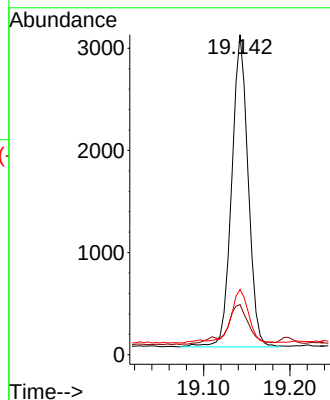
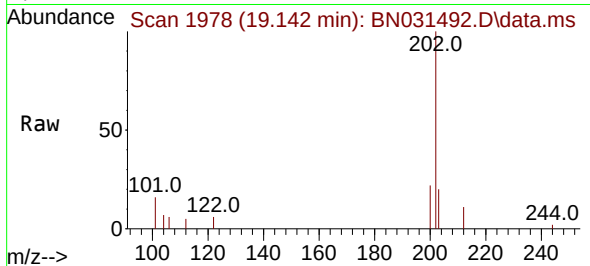




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.142 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

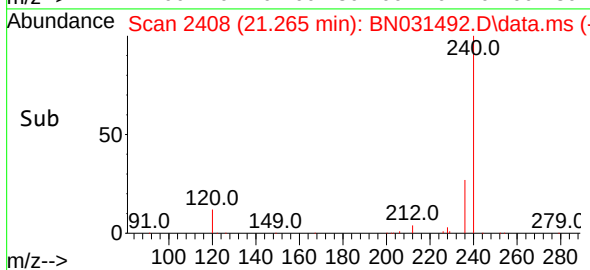
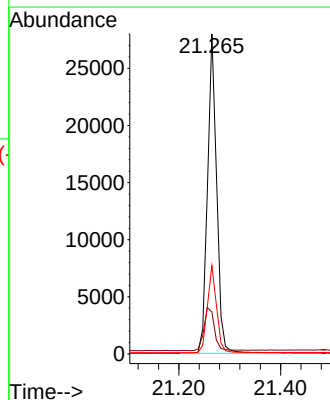
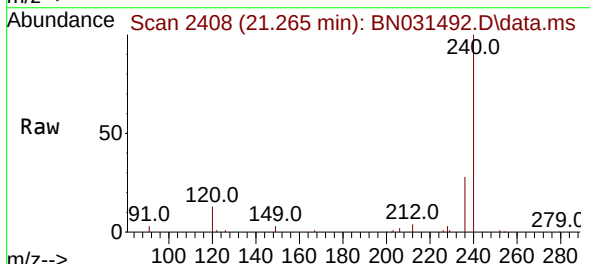
Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

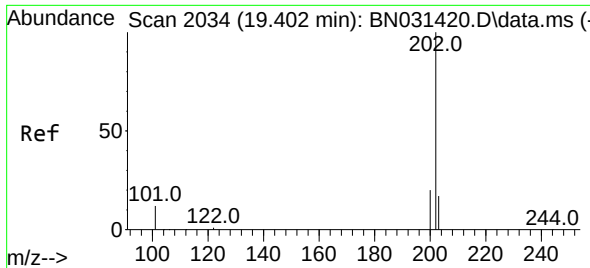
Tgt Ion:202 Resp: 4042
Ion Ratio Lower Upper
202 100
101 17.7 9.8 14.6#
203 17.7 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:240 Resp: 34829
Ion Ratio Lower Upper
240 100
120 13.1 11.4 17.2
236 27.6 22.2 33.4

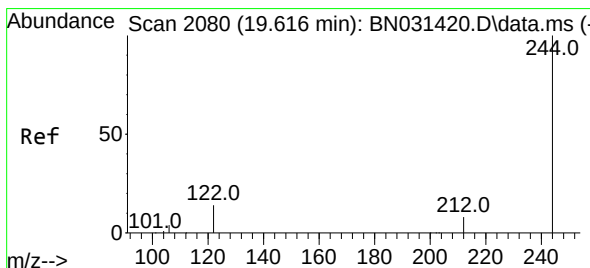
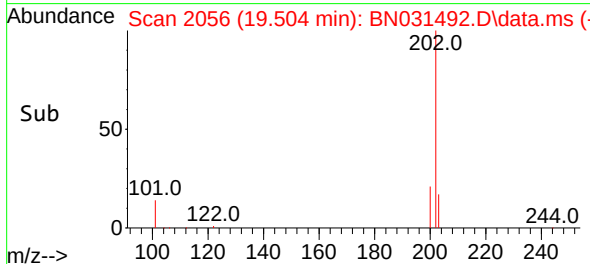
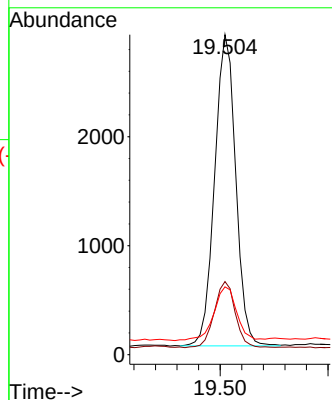
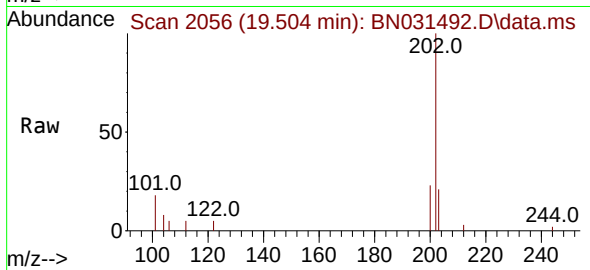




#30
 Pyrene
 Concen: 0.027 ng
 RT: 19.504 min Scan# 2102
 Delta R.T. -0.009 min
 Lab File: BN031492.D
 Acq: 11 May 2024 10:37

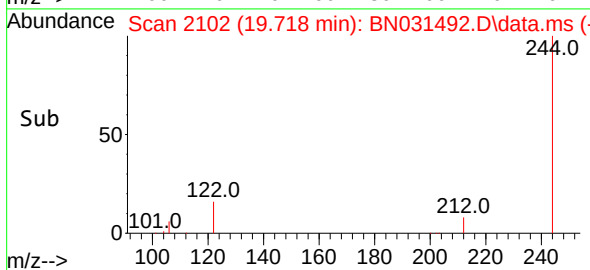
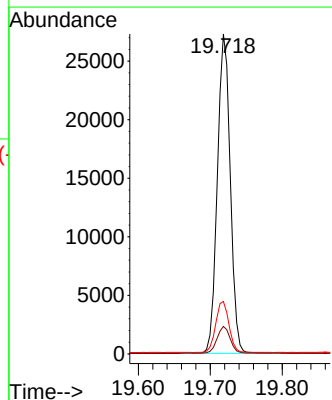
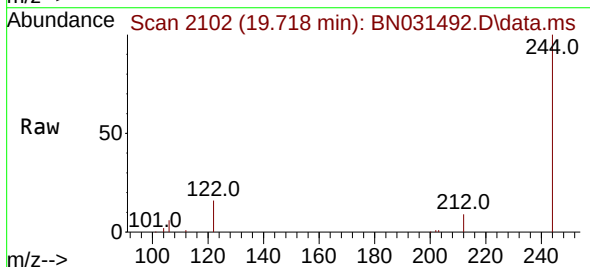
Instrument :
 BNA_N
 ClientSampleId :
 RMW-04B-92.5-050924-FD

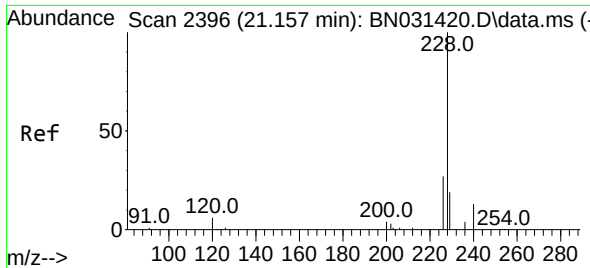
Tgt Ion:	202	Resp:	3872
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.7	14.3	21.5



#31
 Terphenyl-d14
 Concen: 0.398 ng
 RT: 19.718 min Scan# 2102
 Delta R.T. -0.014 min
 Lab File: BN031492.D
 Acq: 11 May 2024 10:37

Tgt Ion:	244	Resp:	33874
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	16.4	11.4	17.2

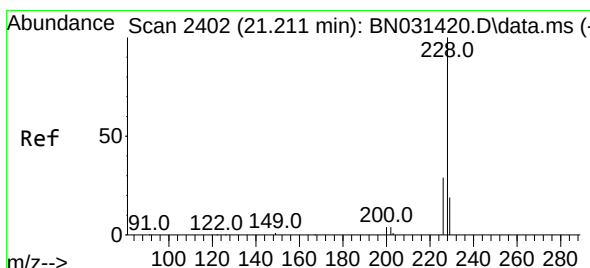
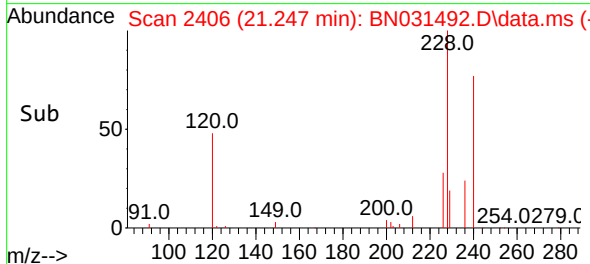
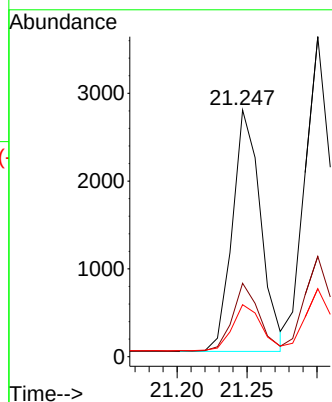
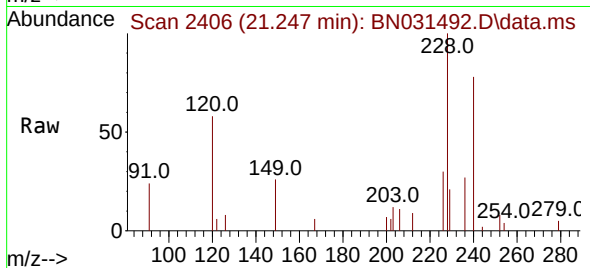




#32
Benzo(a)anthracene
Concen: 0.029 ng
RT: 21.247 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

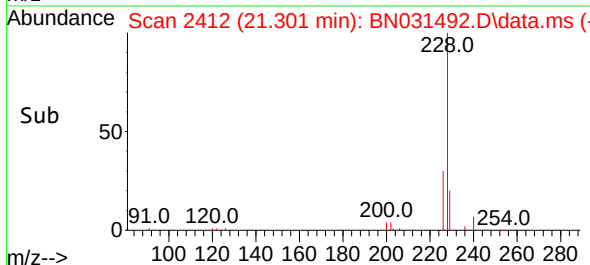
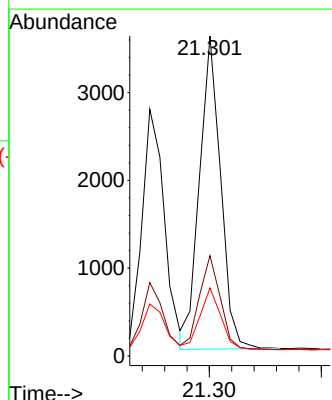
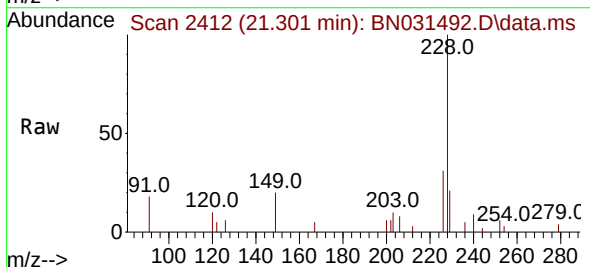
Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

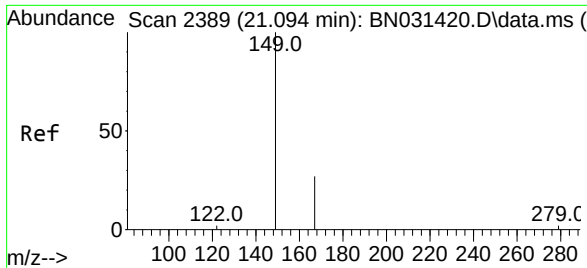
Tgt Ion:228 Resp: 3869
Ion Ratio Lower Upper
228 100
226 29.8 22.4 33.6
229 21.1 15.5 23.3



#33
Chrysene
Concen: 0.036 ng
RT: 21.301 min Scan# 2412
Delta R.T. -0.009 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:228 Resp: 4663
Ion Ratio Lower Upper
228 100
226 31.4 24.5 36.7
229 21.3 15.8 23.8

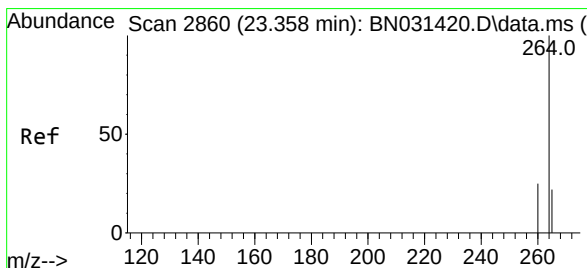
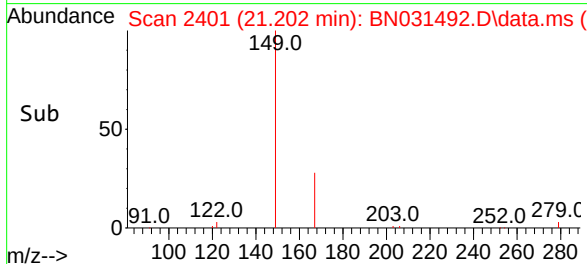
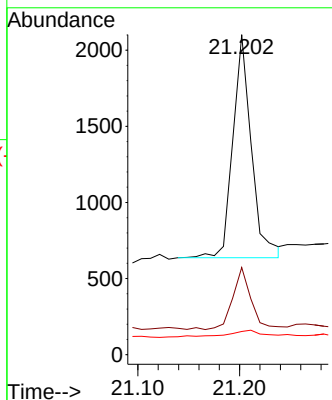
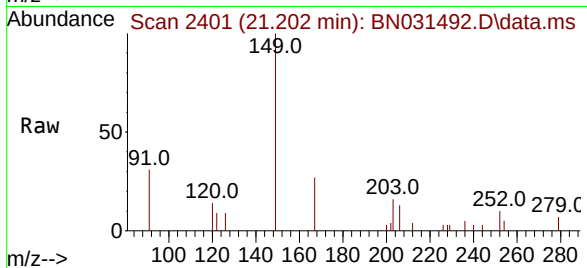




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.024 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.018 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

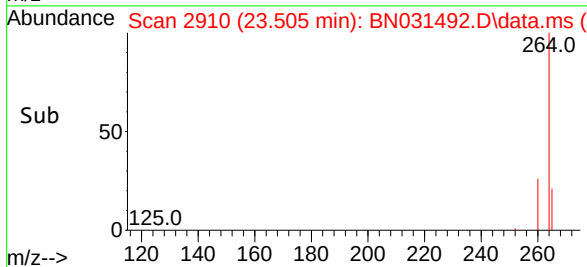
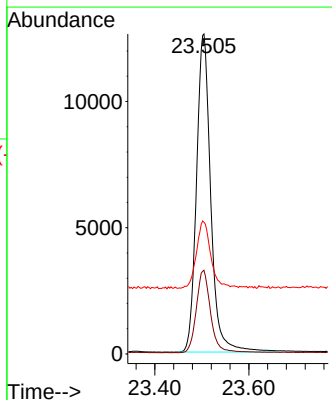
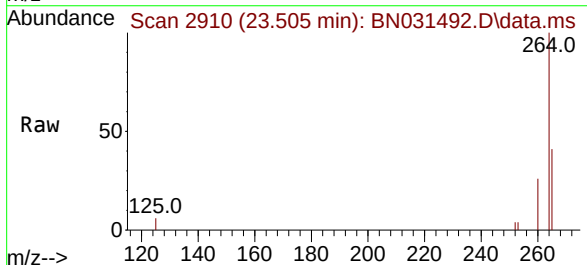
Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

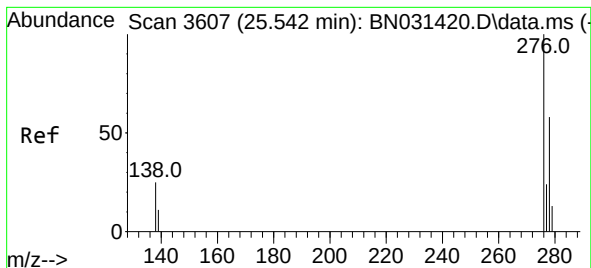
Tgt Ion:149 Resp: 1849
Ion Ratio Lower Upper
149 100
167 28.2 22.1 33.1
279 6.3 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 2910
Delta R.T. -0.015 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:264 Resp: 26629
Ion Ratio Lower Upper
264 100
260 26.2 20.6 31.0
265 41.2 24.0 36.0#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.030 ng

RT: 25.765 min Scan# 3607

Delta R.T. -0.029 min

Lab File: BN031492.D

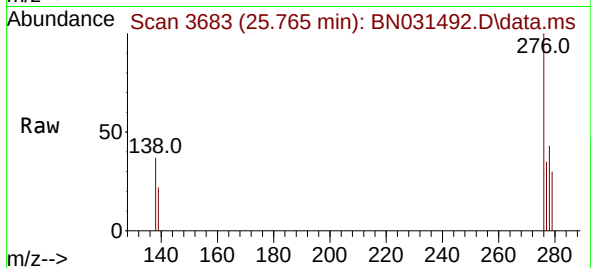
Acq: 11 May 2024 10:37

Instrument :

BNA_N

ClientSampleId :

RMW-04B-92.5-050924-FD



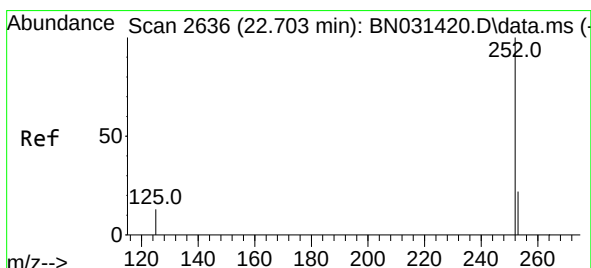
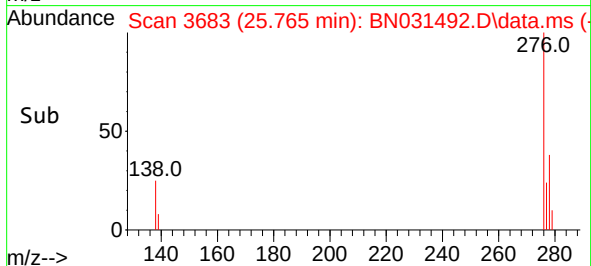
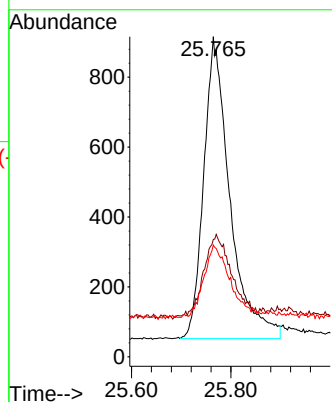
Tgt Ion:276 Resp: 3148

Ion Ratio Lower Upper

276 100

138 27.6 23.0 34.6

277 22.6 19.9 29.9



#37

Benzo(b)fluoranthene

Concen: 0.039 ng

RT: 22.829 min Scan# 2679

Delta R.T. -0.018 min

Lab File: BN031492.D

Acq: 11 May 2024 10:37

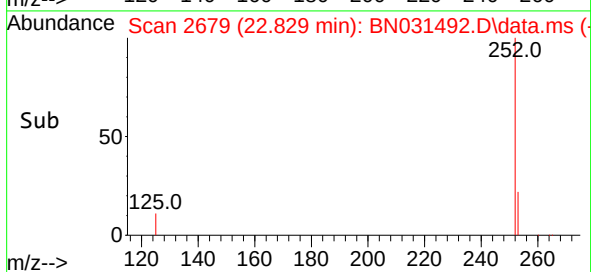
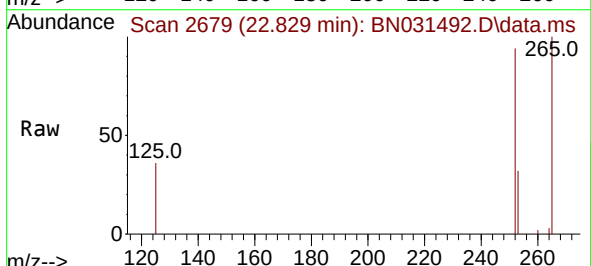
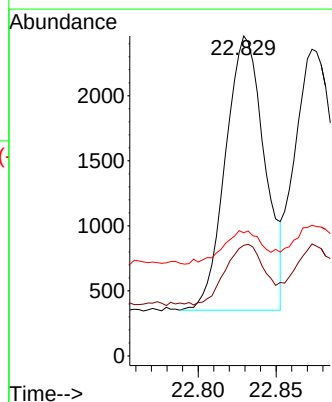
Tgt Ion:252 Resp: 3683

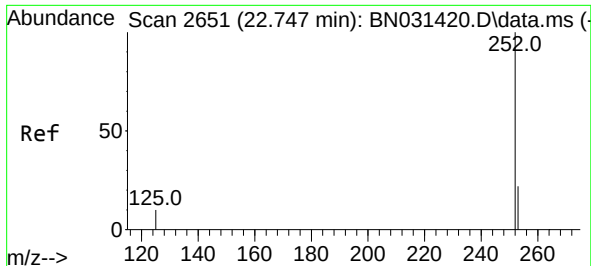
Ion Ratio Lower Upper

252 100

253 34.6 18.2 27.4#

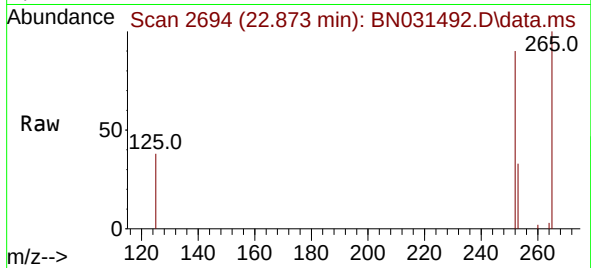
125 38.5 10.5 15.7#



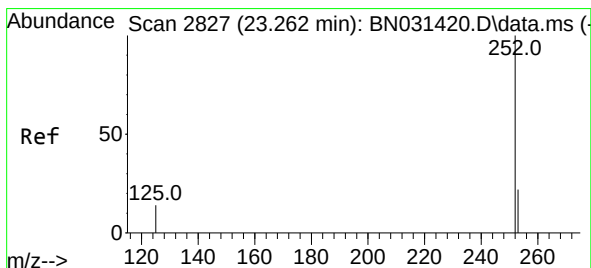
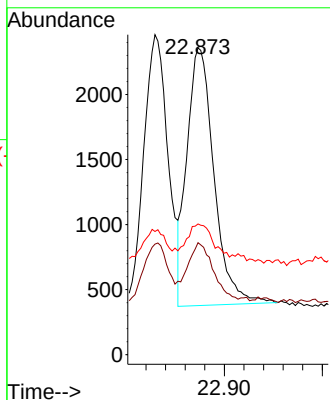


#38
Benzo(k)fluoranthene
Concen: 0.042 ng
RT: 22.873 min Scan# 2694
Delta R.T. -0.018 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

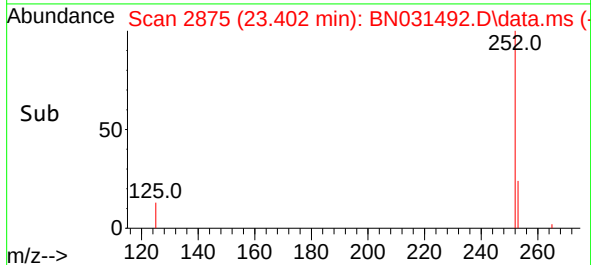
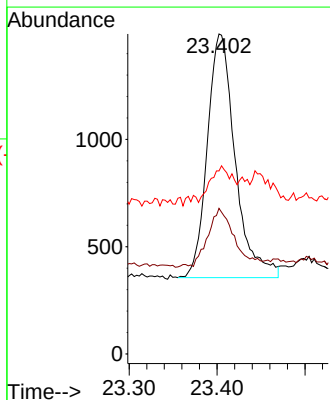
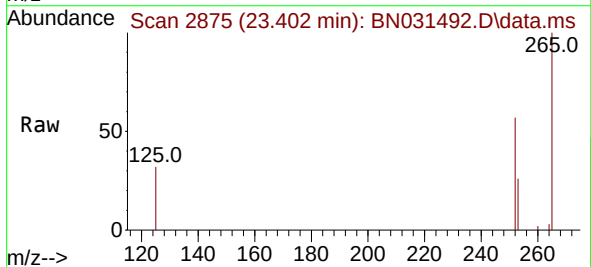


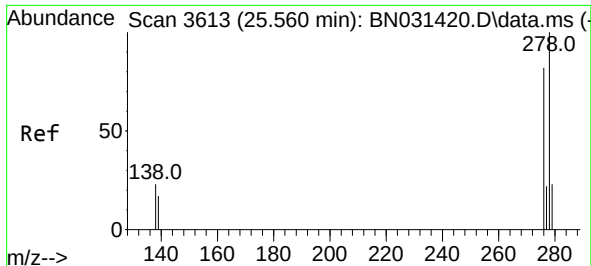
Tgt Ion:252 Resp: 3808
Ion Ratio Lower Upper
252 100
253 36.5 18.2 27.2#
125 42.6 11.0 16.6#



#39
Benzo(a)pyrene
Concen: 0.030 ng
RT: 23.402 min Scan# 2875
Delta R.T. -0.021 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:252 Resp: 2501
Ion Ratio Lower Upper
252 100
253 45.5 18.2 27.2#
125 57.2 11.9 17.9#

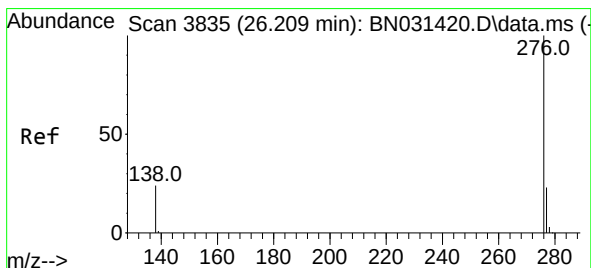
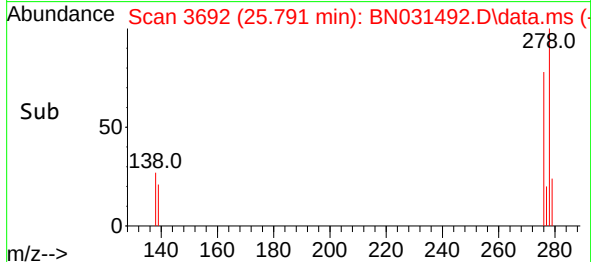
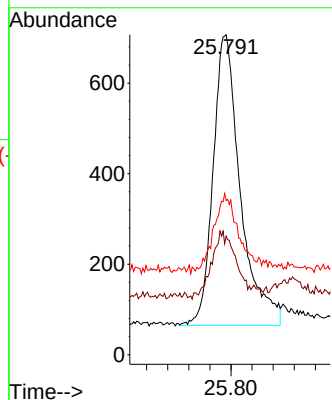
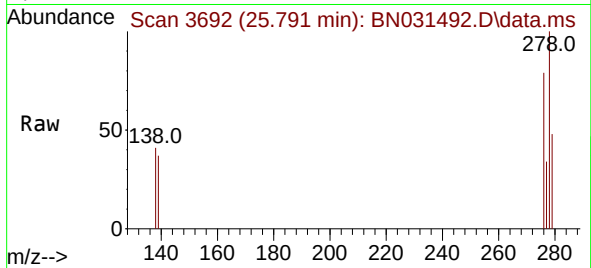




#40
Dibenzo(a,h)anthracene
Concen: 0.027 ng
RT: 25.791 min Scan# 30
Delta R.T. -0.029 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:278 Resp: 2309
Ion Ratio Lower Upper
278 100
139 37.1 15.9 23.9#
279 48.2 19.8 29.8#



#41
Benzo(g,h,i)perylene
Concen: 0.031 ng
RT: 26.457 min Scan# 3920
Delta R.T. -0.026 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:276 Resp: 2792
Ion Ratio Lower Upper
276 100
277 35.6 19.4 29.0#
138 36.1 20.4 30.6#

