

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
 Data File : BN030463.D
 Acq On : 22 Mar 2024 01:41
 Operator : MA/JU
 Sample : P1764-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMP-2

Quant Time: Mar 22 02:18:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 22 00:01:57 2024
 Response via : Initial Calibration

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

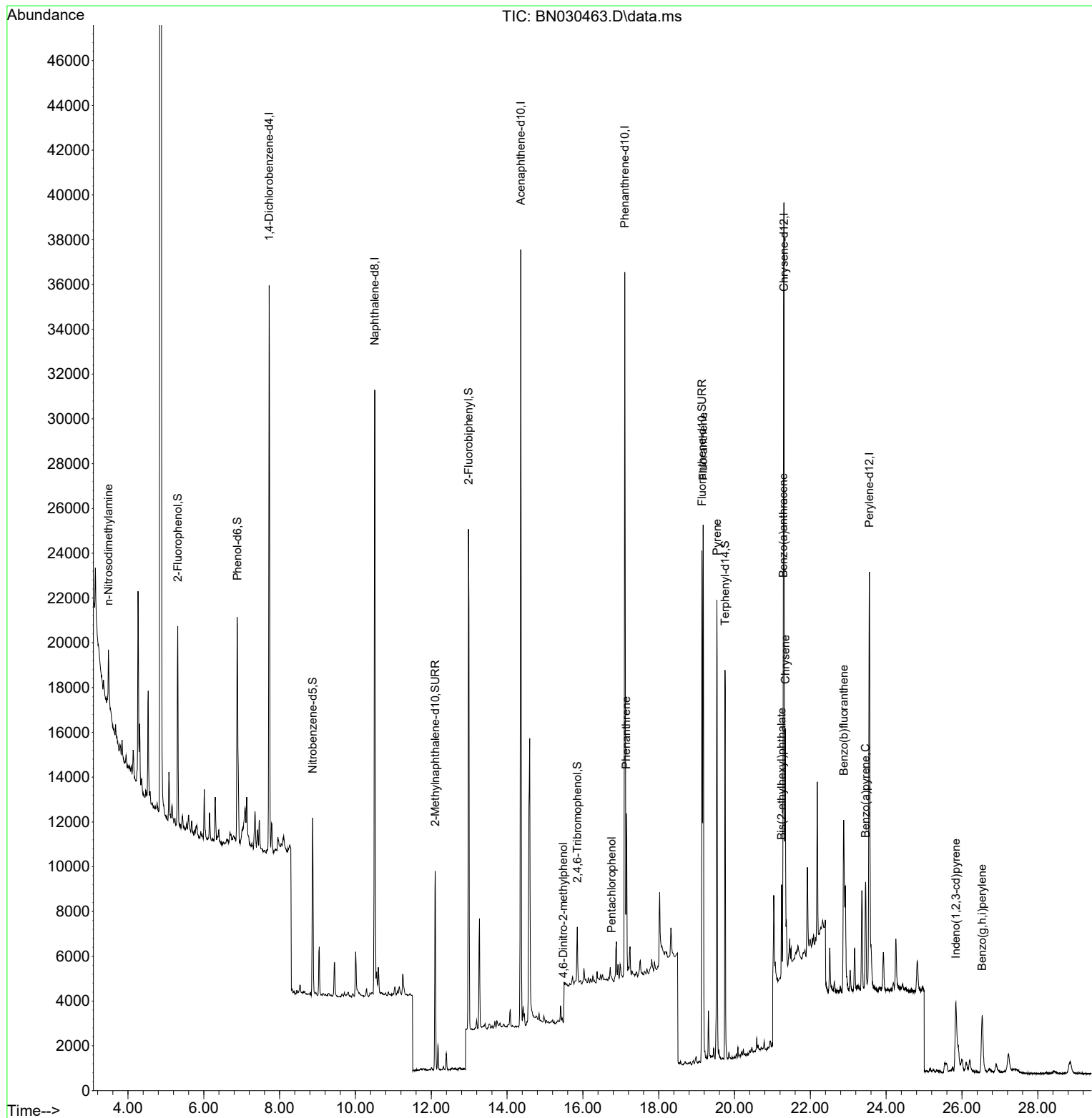
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	11966	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	33539	0.400	ng	0.00
13) Acenaphthene-d10	14.361	164	17990	0.400	ng	0.00
19) Phenanthrene-d10	17.107	188	38687	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	27086	0.400	ng	# 0.00
35) Perylene-d12	23.558	264	25386	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	7023	0.238	ng	0.00
5) Phenol-d6	6.887	99	9482	0.245	ng	0.00
8) Nitrobenzene-d5	8.875	82	6417	0.248	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	11781	0.241	ng	0.00
14) 2,4,6-Tribromophenol	15.853	330	1386	0.212	ng	0.00
15) 2-Fluorobiphenyl	12.982	172	19341	0.249	ng	-0.01
27) Fluoranthene-d10	19.141	212	23187	0.240	ng	0.00
31) Terphenyl-d14	19.749	244	15284	0.252	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.485	42	946	0.064	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.484	198	3	0.144	ng	# 1
24) Pentachlorophenol	16.759	266	104	0.187	ng	# 82
25) Phenanthrene	17.144	178	7910	0.064	ng	98
28) Fluoranthene	19.173	202	20454	0.146	ng	98
30) Pyrene	19.536	202	18262	0.135	ng	# 96
32) Benzo(a)anthracene	21.286	228	8862	0.081	ng	95
33) Chrysene	21.340	228	9236	0.079	ng	97
34) Bis(2-ethylhexyl)phtha...	21.241	149	3707	0.080	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.838	276	5127	0.050	ng	98
37) Benzo(b)fluoranthene	22.879	252	12535	0.113	ng	# 83
39) Benzo(a)pyrene	23.458	252	7131	0.083	ng	# 79
41) Benzo(g,h,i)perylene	26.534	276	5522	0.061	ng	# 89

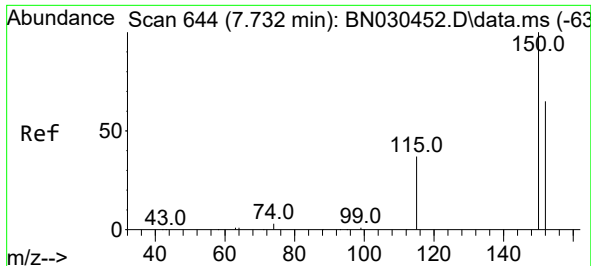
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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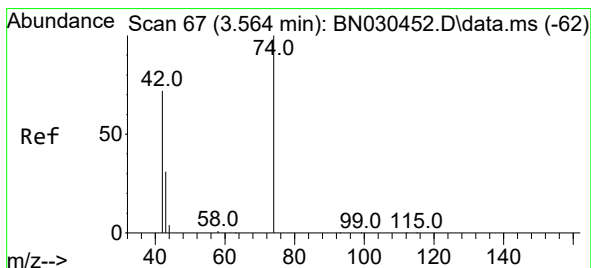
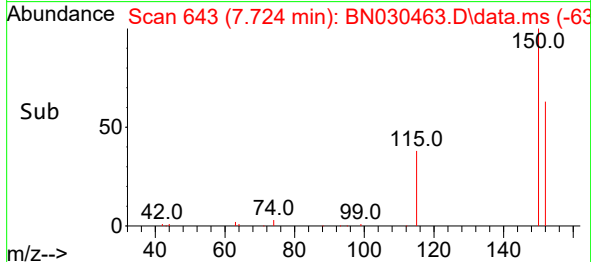
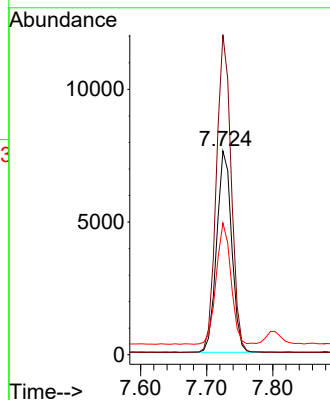
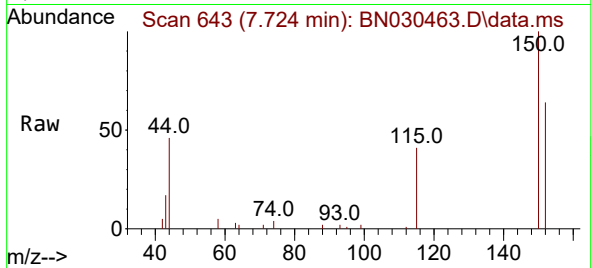




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

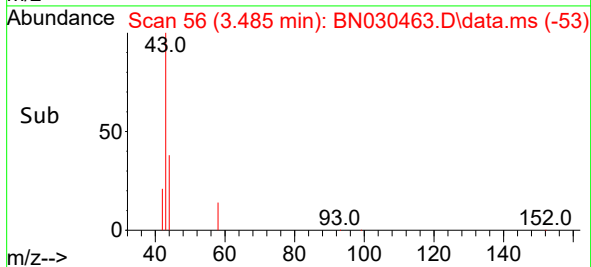
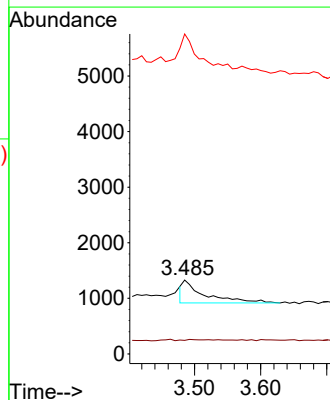
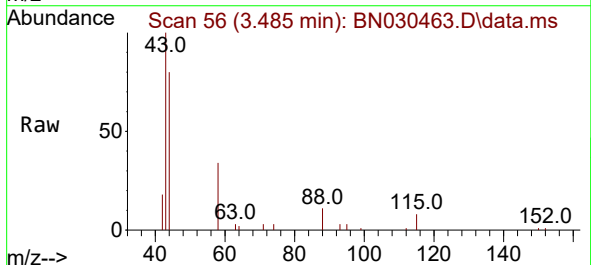
Instrument :
BNA_N
ClientSampleId :
COMP-2

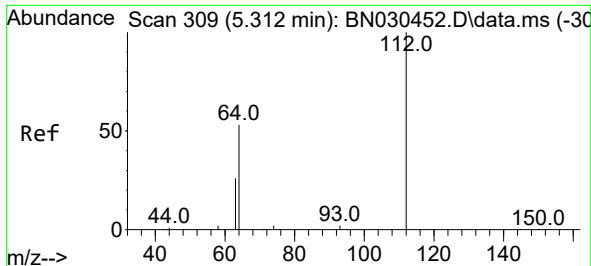
Tgt Ion:152 Resp: 11966
Ion Ratio Lower Upper
152 100
150 157.1 122.2 183.4
115 64.6 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.064 ng
RT: 3.485 min Scan# 56
Delta R.T. -0.079 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Tgt Ion: 42 Resp: 946
Ion Ratio Lower Upper
42 100
74 3.1 112.6 169.0#
44 94.8 9.9 14.9#

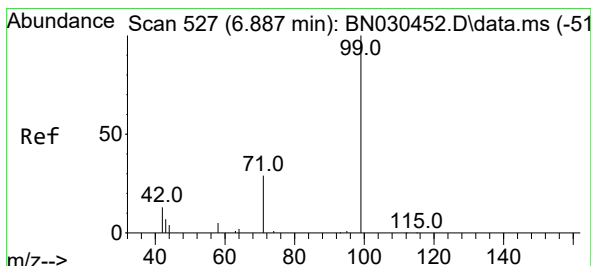
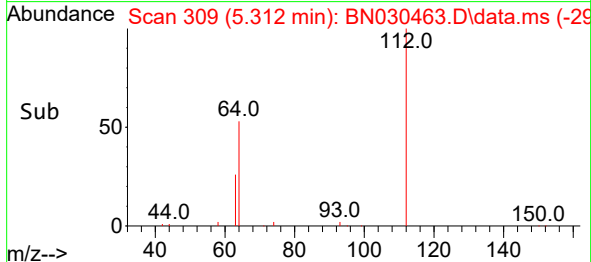
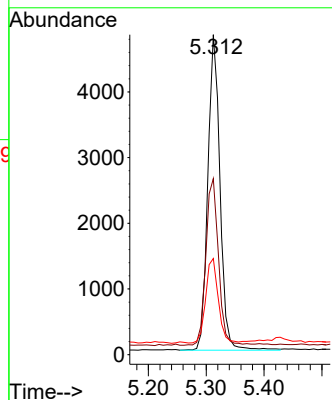
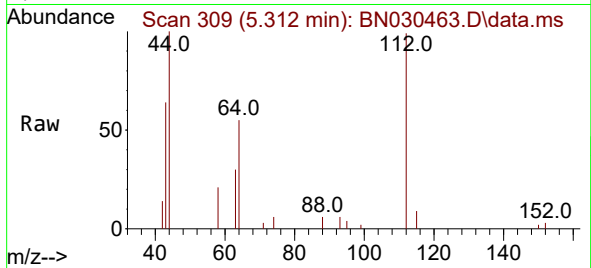




#4
2-Fluorophenol
Concen: 0.238 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

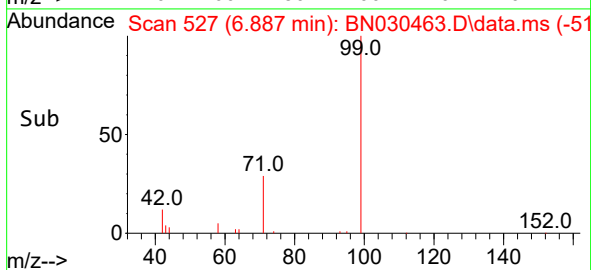
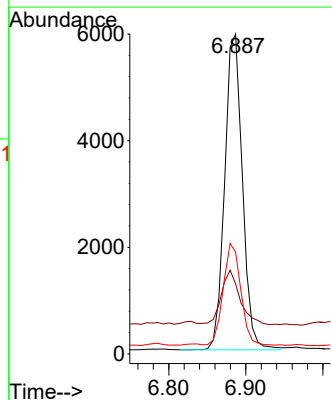
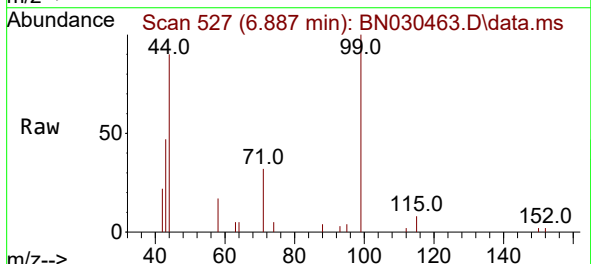
Instrument :
BNA_N
ClientSampleId :
COMP-2

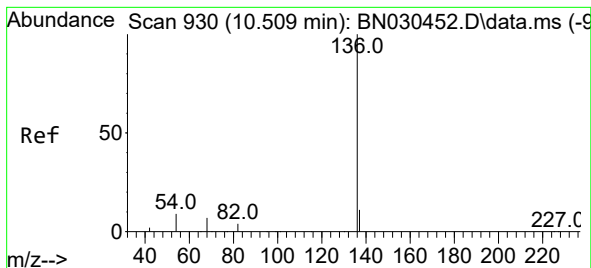
Tgt Ion:112 Resp: 7023
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.2
63 27.6 23.0 34.4



#5
Phenol-d6
Concen: 0.245 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Tgt Ion: 99 Resp: 9482
Ion Ratio Lower Upper
99 100
42 19.0 13.9 20.9
71 32.1 25.4 38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.509 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN030463.D

Acq: 22 Mar 2024 01:41

Instrument :

BNA_N

ClientSampleId :

COMP-2

Tgt Ion:136 Resp: 33539

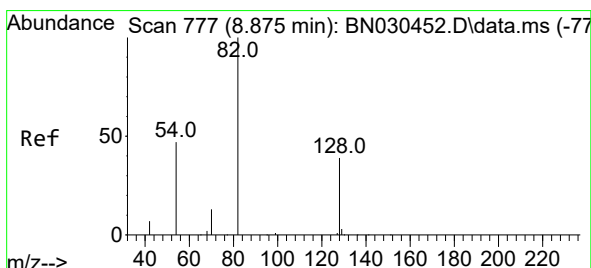
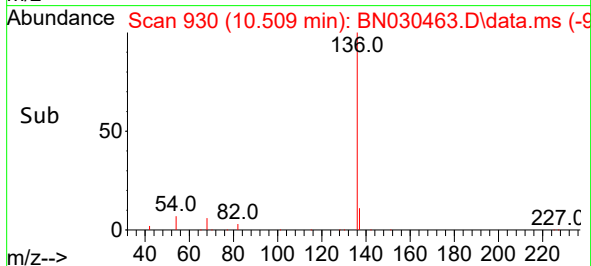
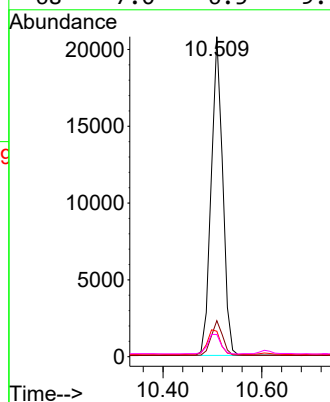
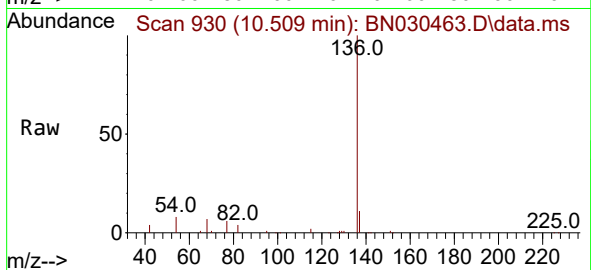
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.0 7.4 11.0

68 7.0 6.5 9.7



#8

Nitrobenzene-d5

Concen: 0.248 ng

RT: 8.875 min Scan# 777

Delta R.T. 0.000 min

Lab File: BN030463.D

Acq: 22 Mar 2024 01:41

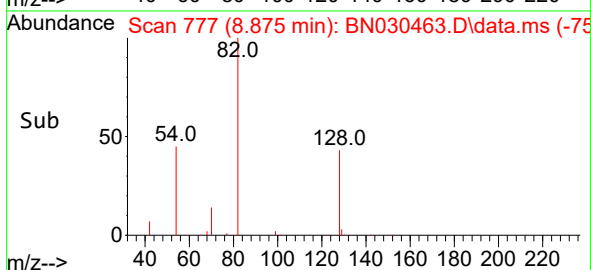
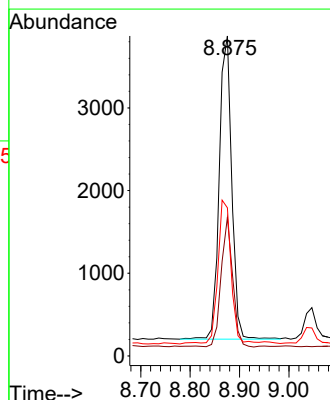
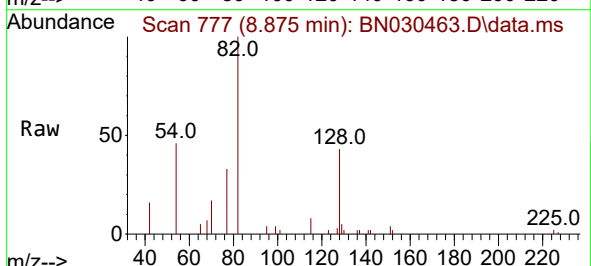
Tgt Ion: 82 Resp: 6417

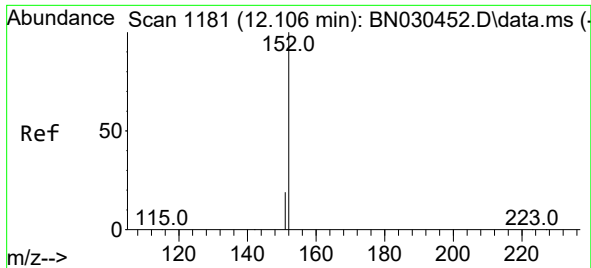
Ion Ratio Lower Upper

82 100

128 43.3 31.8 47.8

54 46.3 38.8 58.2

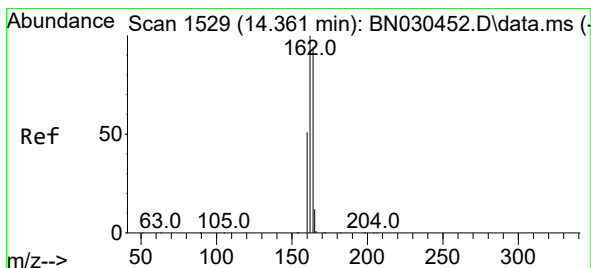
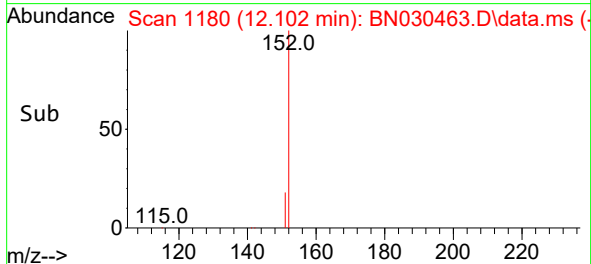
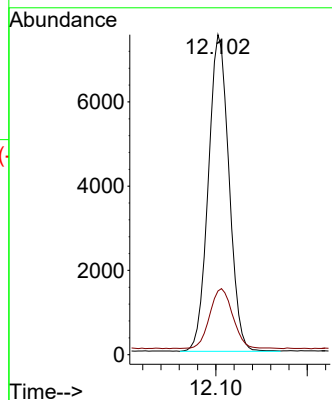
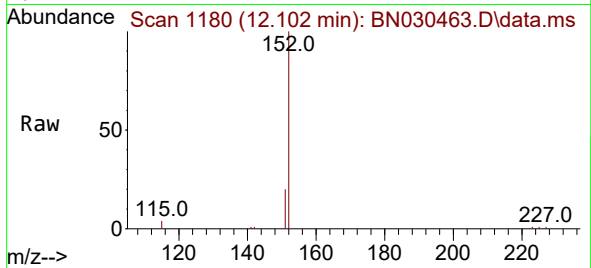




#11
2-Methylnaphthalene-d10
Concen: 0.241 ng
RT: 12.102 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

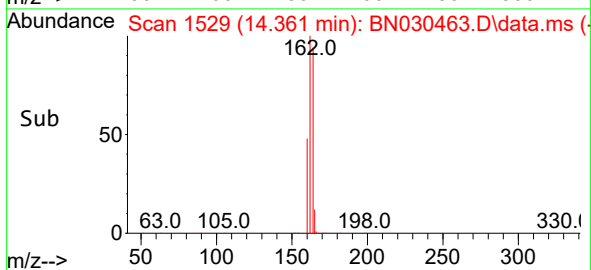
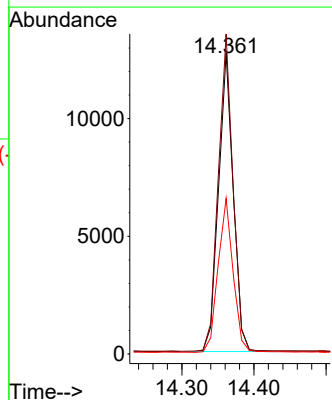
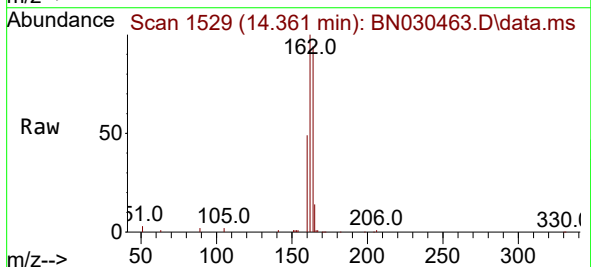
Instrument :
BNA_N
ClientSampleId :
COMP-2

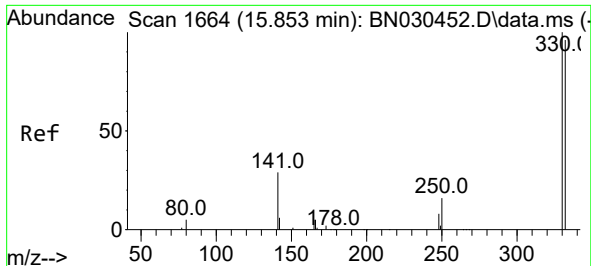
Tgt Ion:152 Resp: 11781
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.361 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Tgt Ion:164 Resp: 17990
Ion Ratio Lower Upper
164 100
162 106.3 85.4 128.2
160 51.7 43.4 65.2

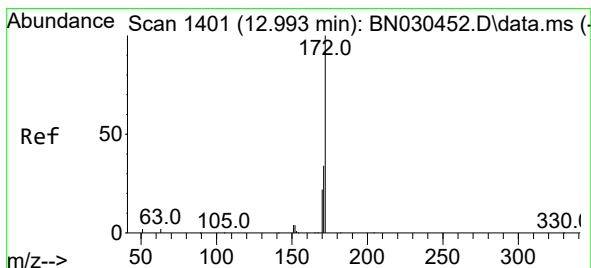
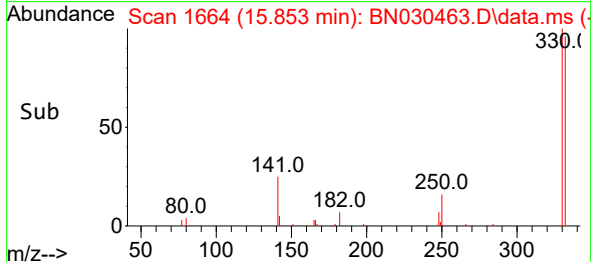
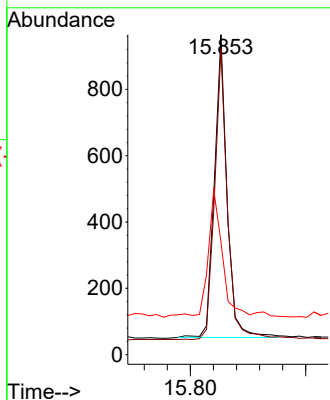
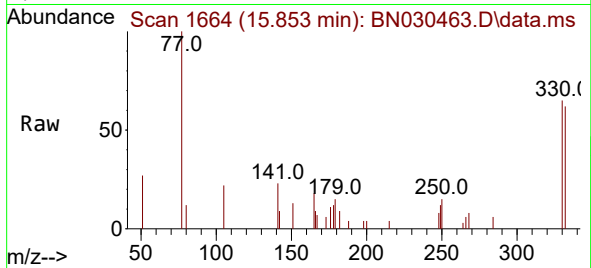




#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 15.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

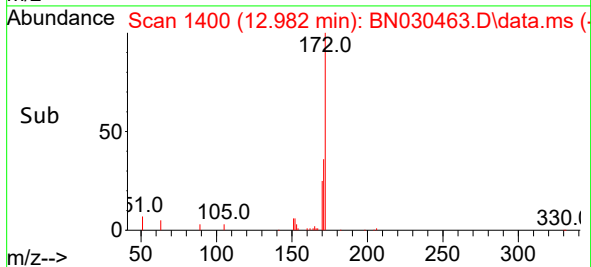
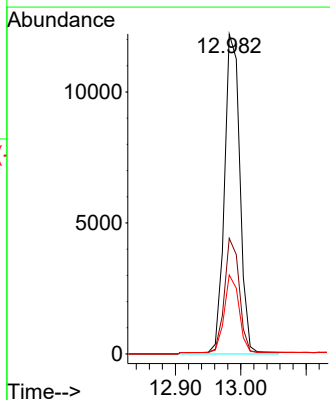
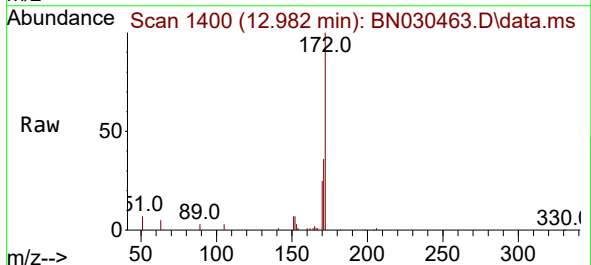
Instrument :
BNA_N
ClientSampleId :
COMP-2

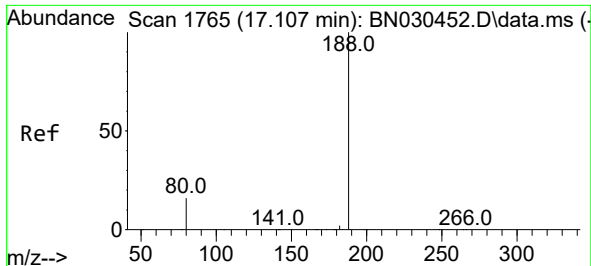
Tgt Ion: 330 Resp: 1386
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 45.8 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 12.982 min Scan# 1400
Delta R.T. -0.011 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Tgt Ion: 172 Resp: 19341
Ion Ratio Lower Upper
172 100
171 36.1 27.4 41.2
170 24.7 18.1 27.1

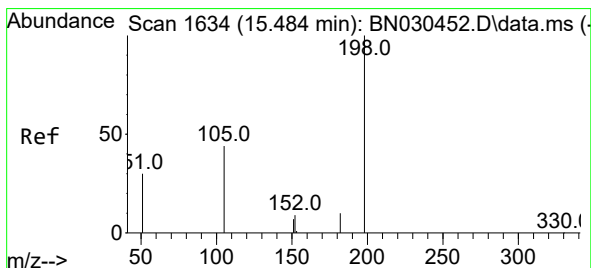
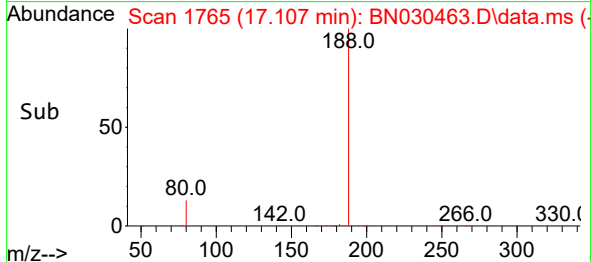
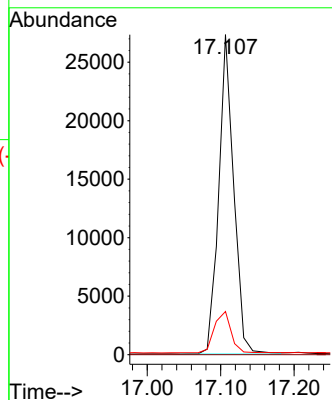
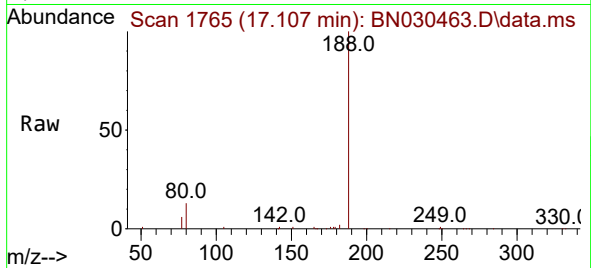




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

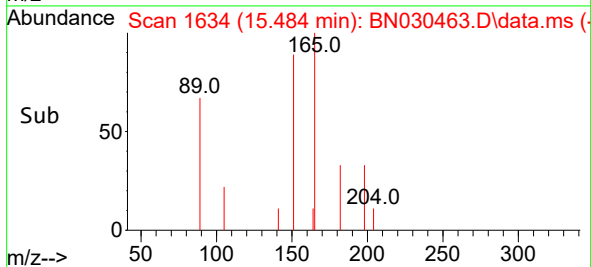
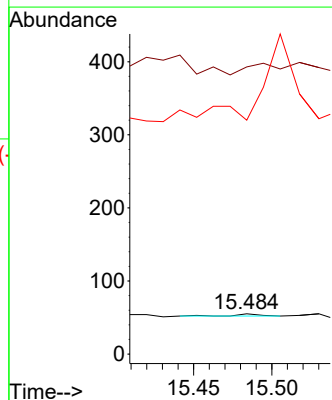
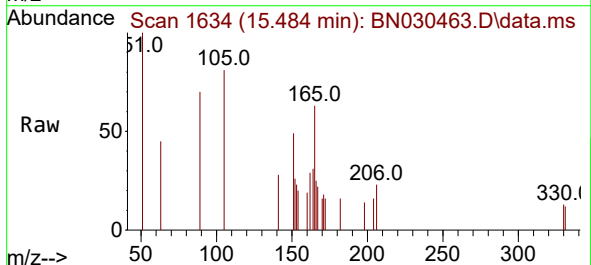
Instrument :
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ClientSampleId :
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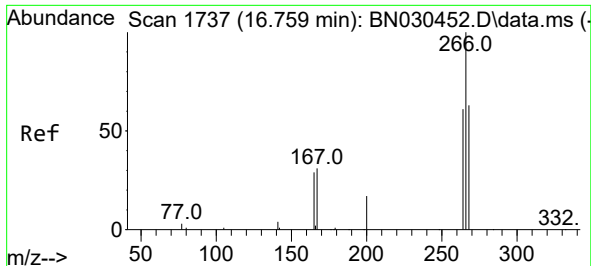
Tgt Ion:188 Resp: 38687
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 13.6 20.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.144 ng
RT: 15.484 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 714.5 72.6 108.8#
105 581.8 60.3 90.5#

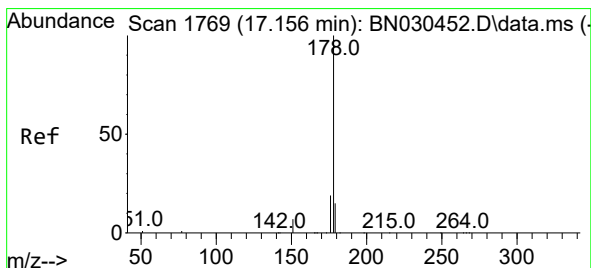
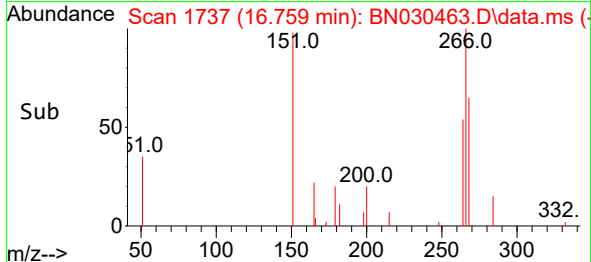
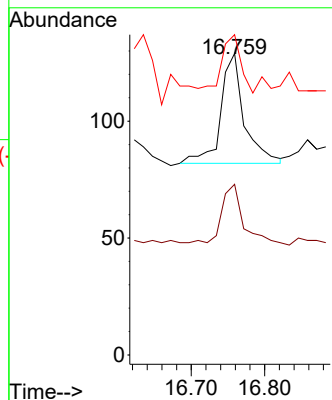
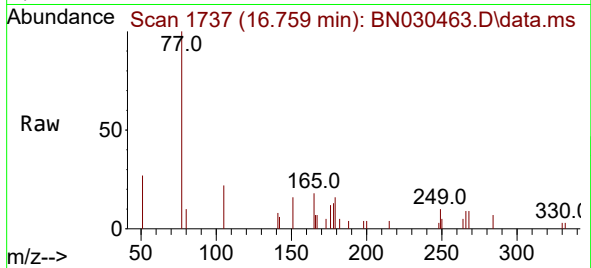




#24
Pentachlorophenol
Concen: 0.187 ng
RT: 16.759 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

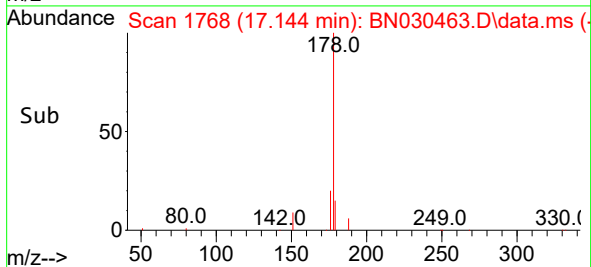
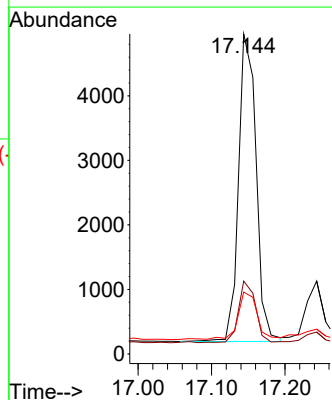
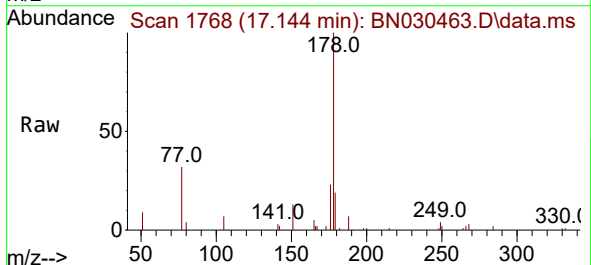
Instrument :
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ClientSampleId :
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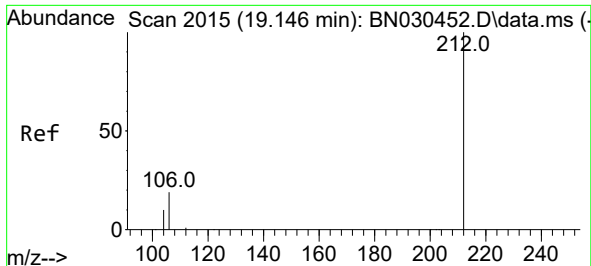
Tgt Ion:266 Resp: 104
Ion Ratio Lower Upper
266 100
264 52.9 49.8 74.6
268 43.3 49.3 73.9#



#25
Phenanthrene
Concen: 0.064 ng
RT: 17.144 min Scan# 1768
Delta R.T. -0.012 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Tgt Ion:178 Resp: 7910
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 17.1 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.240 ng

RT: 19.141 min Scan# 2014

Delta R.T. -0.005 min

Lab File: BN030463.D

Acq: 22 Mar 2024 01:41

Instrument :

BNA_N

ClientSampleId :

COMP-2

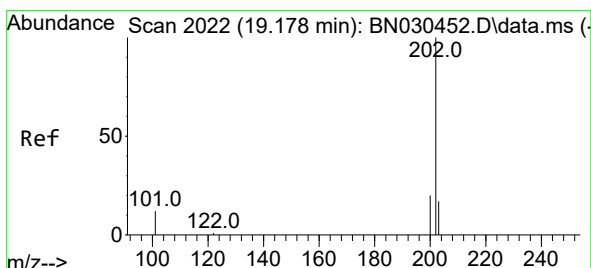
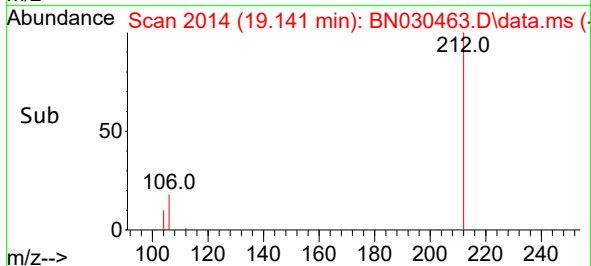
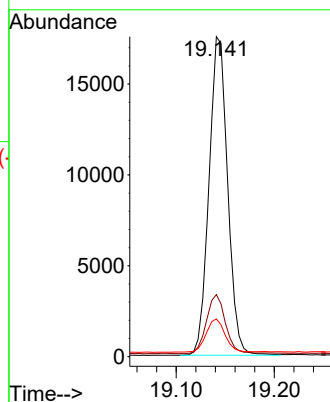
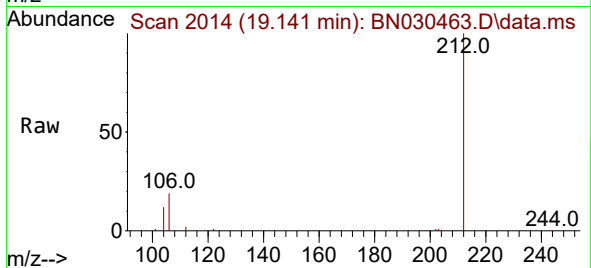
Tgt Ion:212 Resp: 23187

Ion Ratio Lower Upper

212 100

106 19.0 14.7 22.1

104 10.6 8.3 12.5



#28

Fluoranthene

Concen: 0.146 ng

RT: 19.173 min Scan# 2021

Delta R.T. -0.005 min

Lab File: BN030463.D

Acq: 22 Mar 2024 01:41

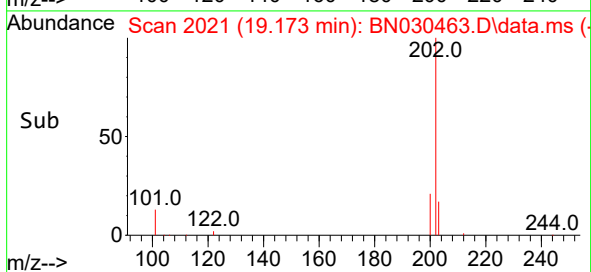
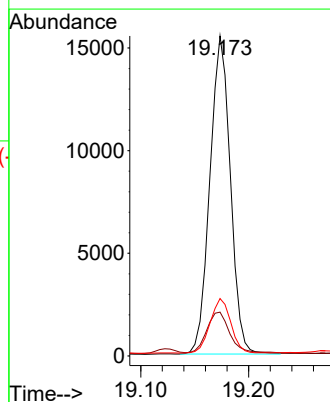
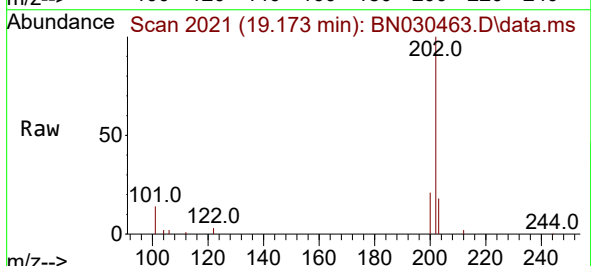
Tgt Ion:202 Resp: 20454

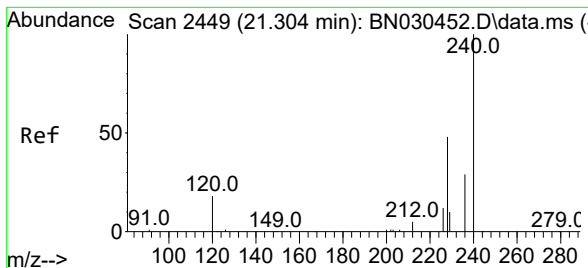
Ion Ratio Lower Upper

202 100

101 14.9 10.7 16.1

203 17.2 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.304 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BN030463.D

Acq: 22 Mar 2024 01:41

Instrument :

BNA_N

ClientSampleId :

COMP-2

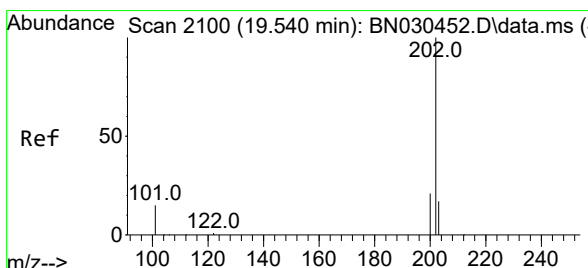
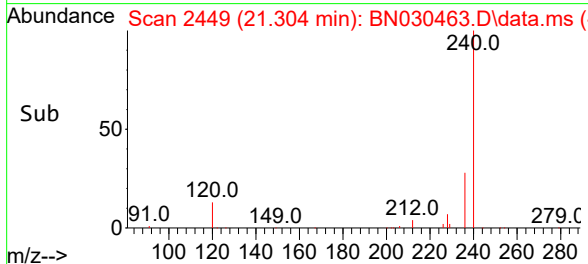
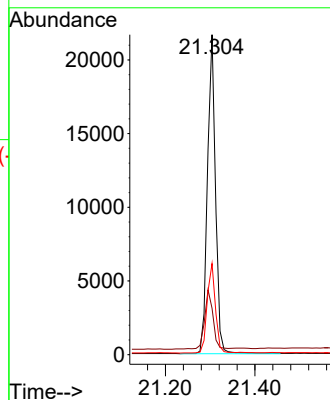
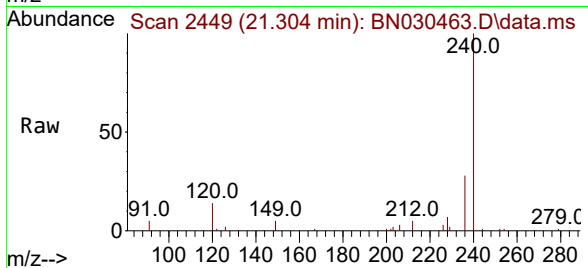
Tgt Ion:240 Resp: 27086

Ion Ratio Lower Upper

240 100

120 14.5 15.9 23.9#

236 28.5 23.8 35.6



#30

Pyrene

Concen: 0.135 ng

RT: 19.536 min Scan# 2099

Delta R.T. -0.005 min

Lab File: BN030463.D

Acq: 22 Mar 2024 01:41

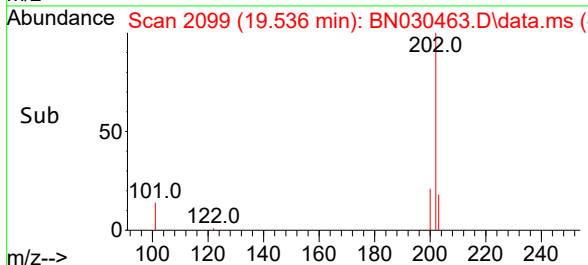
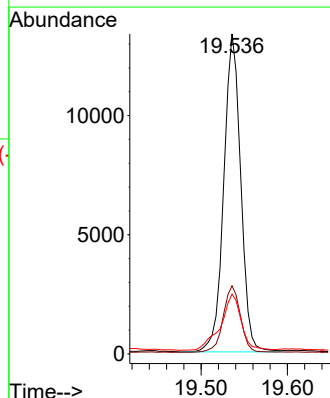
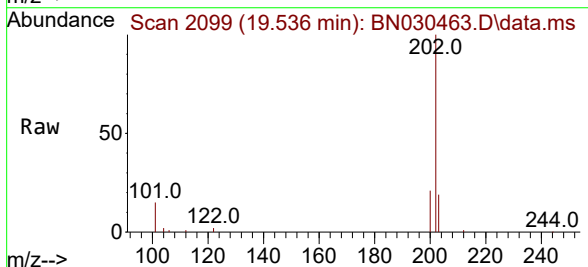
Tgt Ion:202 Resp: 18262

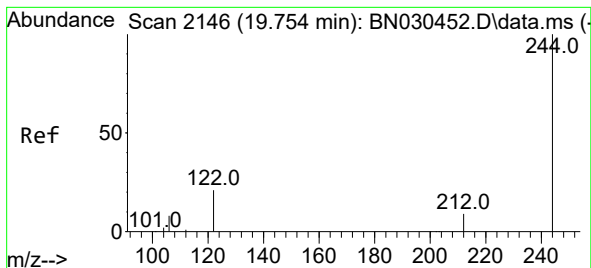
Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

203 21.3 14.1 21.1#





#31

Terphenyl-d14

Concen: 0.252 ng

RT: 19.749 min Scan# 2145

Delta R.T. -0.005 min

Lab File: BN030463.D

Acq: 22 Mar 2024 01:41

Instrument :

BNA_N

ClientSampleId :

COMP-2

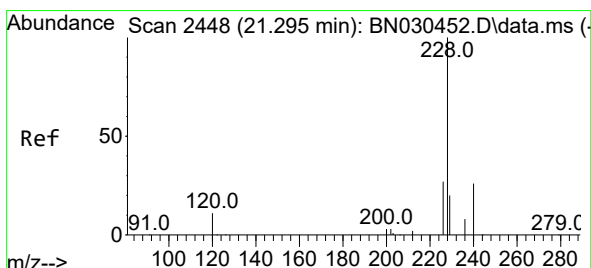
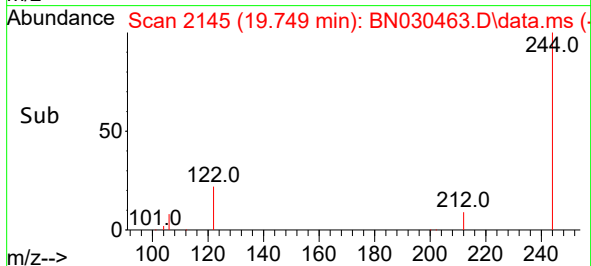
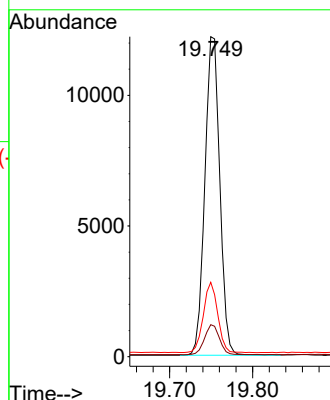
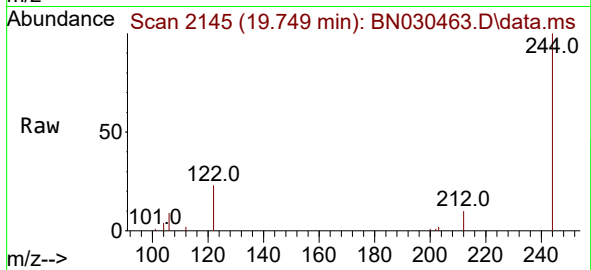
Tgt Ion:244 Resp: 15284

Ion Ratio Lower Upper

244 100

212 10.0 7.8 11.6

122 23.2 17.1 25.7



#32

Benzo(a)anthracene

Concen: 0.081 ng

RT: 21.286 min Scan# 2447

Delta R.T. -0.009 min

Lab File: BN030463.D

Acq: 22 Mar 2024 01:41

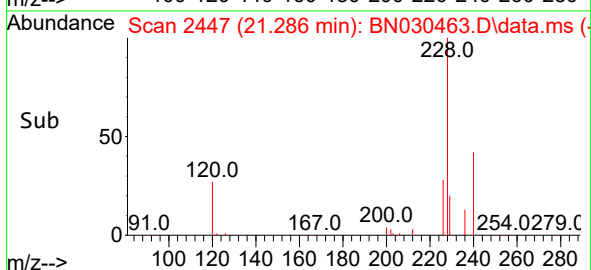
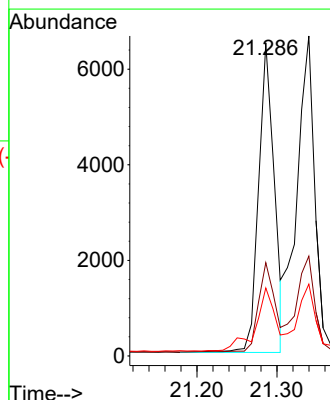
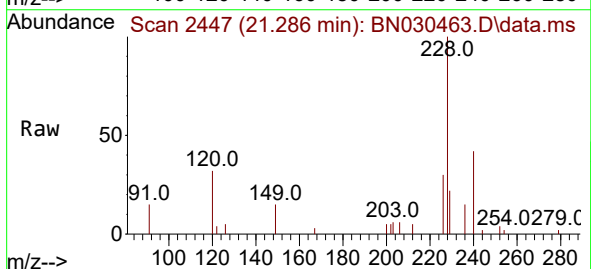
Tgt Ion:228 Resp: 8862

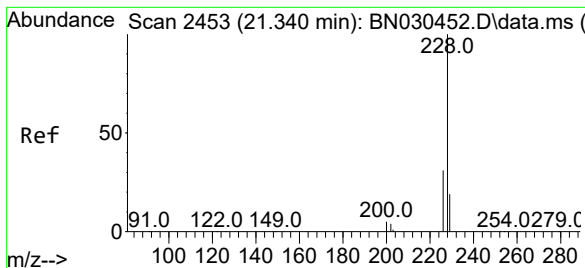
Ion Ratio Lower Upper

228 100

226 29.8 21.5 32.3

229 21.7 15.8 23.6





#33

Chrysene

Concen: 0.079 ng

RT: 21.340 min Scan# 2453

Delta R.T. 0.000 min

Lab File: BN030463.D

Acq: 22 Mar 2024 01:41

Instrument :

BNA_N

ClientSampleId :

COMP-2

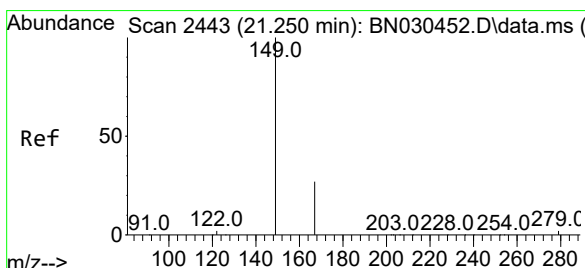
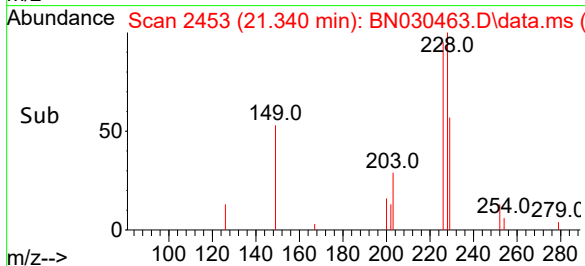
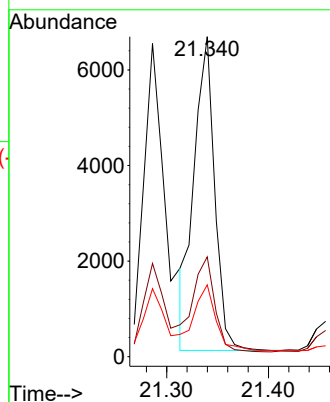
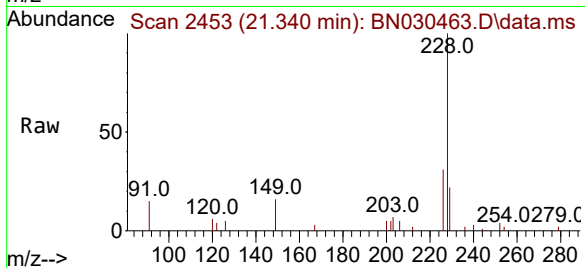
Tgt Ion:228 Resp: 9236

Ion Ratio Lower Upper

228 100

226 31.2 24.6 37.0

229 22.5 15.2 22.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.080 ng

RT: 21.241 min Scan# 2442

Delta R.T. -0.009 min

Lab File: BN030463.D

Acq: 22 Mar 2024 01:41

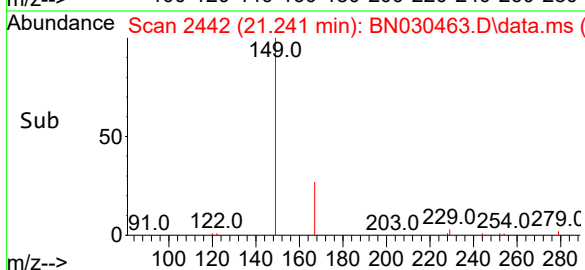
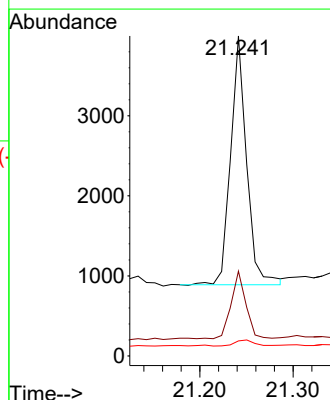
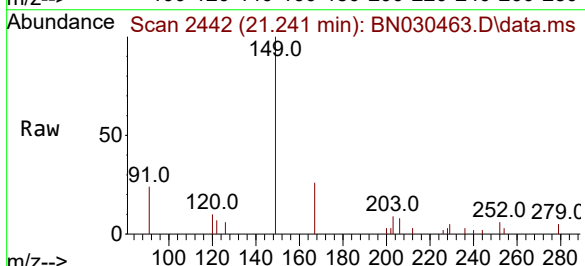
Tgt Ion:149 Resp: 3707

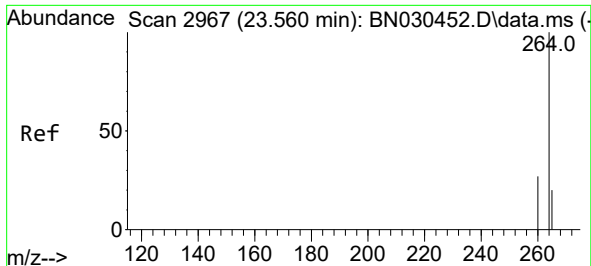
Ion Ratio Lower Upper

149 100

167 25.1 21.2 31.8

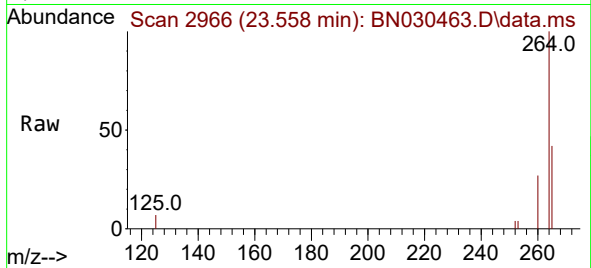
279 2.9 1.8 2.8





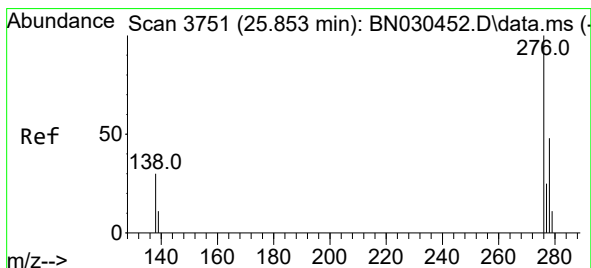
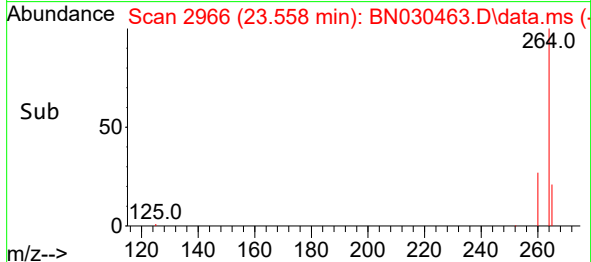
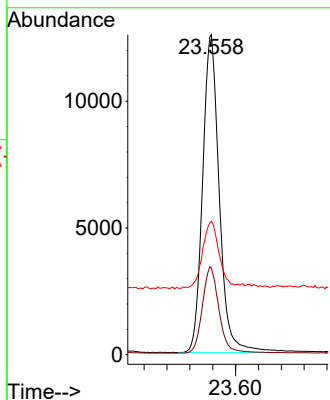
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.558 min Scan# 2966
Delta R.T. -0.003 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Instrument :
BNA_N
ClientSampleId :
COMP-2



Tgt Ion:264 Resp: 25386

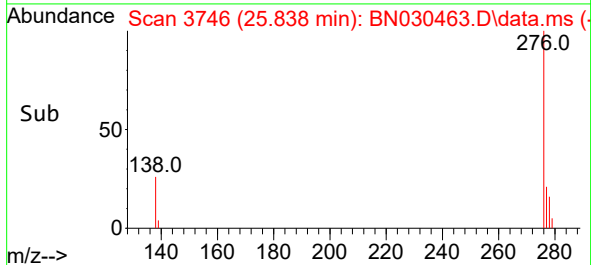
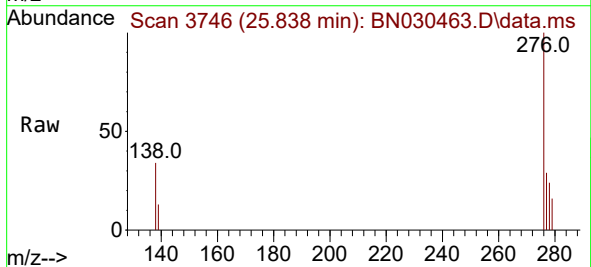
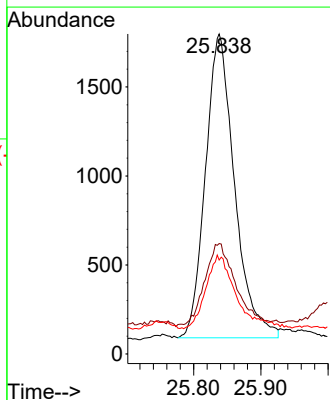
Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.9	32.9
265	41.7	32.6	48.8

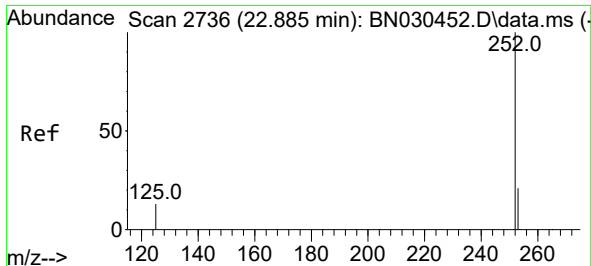


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng
RT: 25.838 min Scan# 3746
Delta R.T. -0.015 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Tgt Ion:276 Resp: 5127

Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.8	37.2
277	25.0	19.1	28.7





#37

Benzo(b)fluoranthene

Concen: 0.113 ng

RT: 22.879 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN030463.D

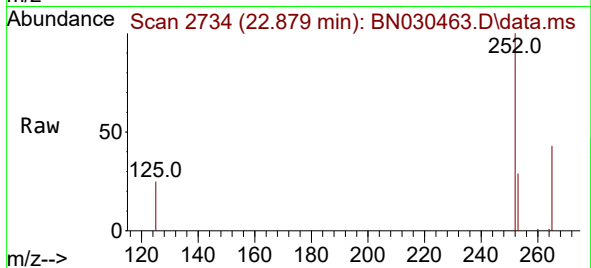
Acq: 22 Mar 2024 01:41

Instrument :

BNA_N

ClientSampleId :

COMP-2



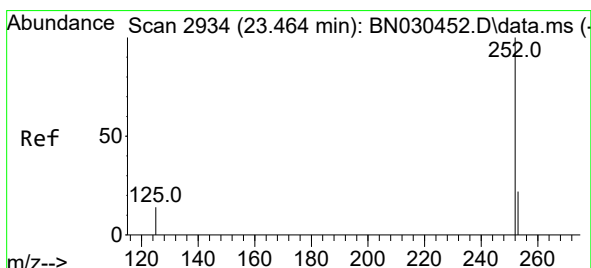
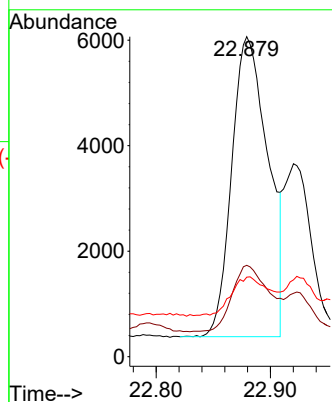
Tgt Ion:252 Resp: 12535

Ion Ratio Lower Upper

252 100

253 28.6 18.2 27.2#

125 24.8 12.0 18.0#



#39

Benzo(a)pyrene

Concen: 0.083 ng

RT: 23.458 min Scan# 2932

Delta R.T. -0.006 min

Lab File: BN030463.D

Acq: 22 Mar 2024 01:41

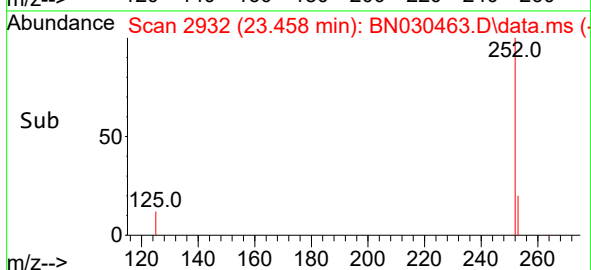
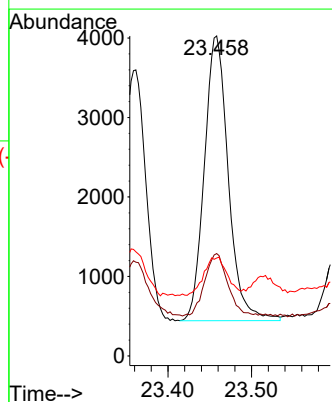
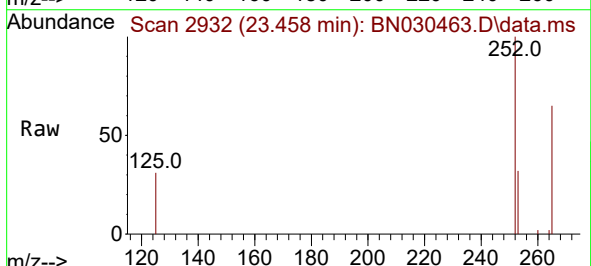
Tgt Ion:252 Resp: 7131

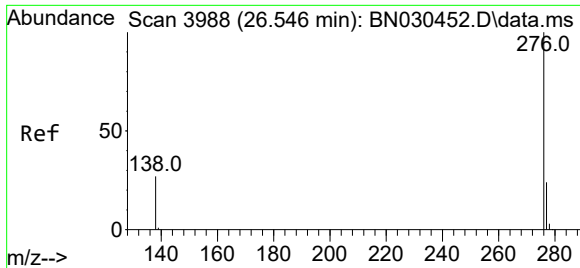
Ion Ratio Lower Upper

252 100

253 32.0 19.4 29.0#

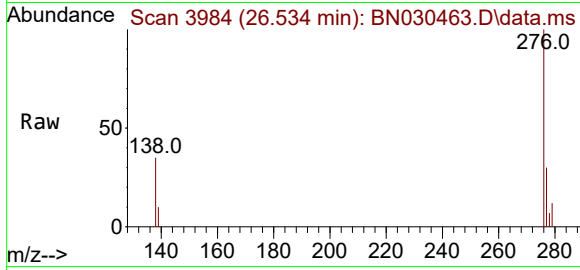
125 30.6 14.6 22.0#





#41
Benzo(g,h,i)perylene
Concen: 0.061 ng
RT: 26.534 min Scan# 3984
Delta R.T. -0.012 min
Lab File: BN030463.D
Acq: 22 Mar 2024 01:41

Instrument :
BNA_N
ClientSampleId :
COMP-2



Tgt Ion:276 Resp: 5522
Ion Ratio Lower Upper
276 100
277 29.9 20.0 30.0
138 34.8 22.8 34.2#

