

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
 Data File : BN030460.D
 Acq On : 21 Mar 2024 23:54
 Operator : MA/JU
 Sample : P1764-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMP-1

Quant Time: Mar 22 00:20:32 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)

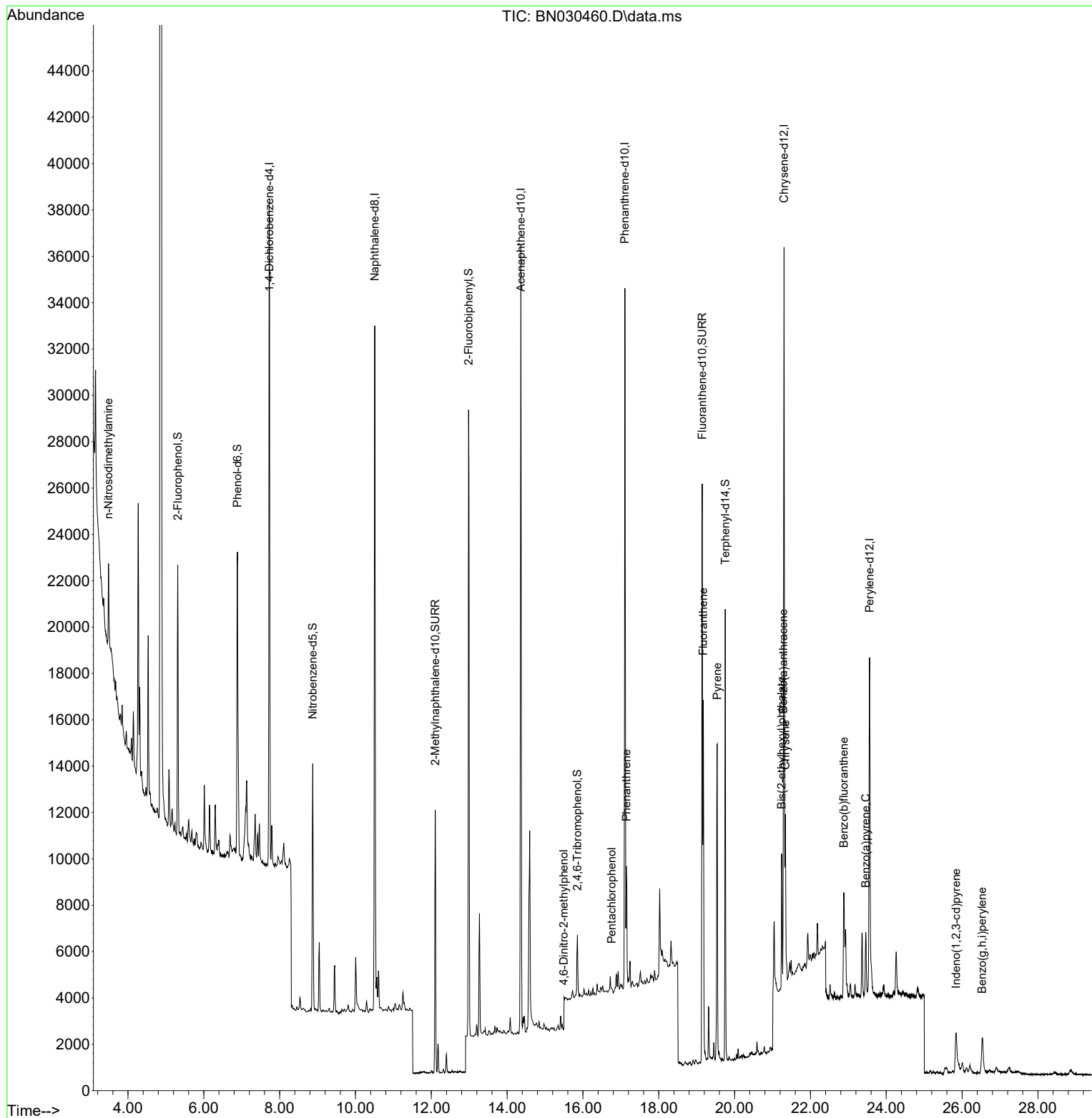
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	13632	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	36868	0.400	ng	0.00
13) Acenaphthene-d10	14.361	164	18047	0.400	ng	0.00
19) Phenanthrene-d10	17.106	188	37715	0.400	ng	0.00
29) Chrysene-d12	21.304	240	24598	0.400	ng	0.00
35) Perylene-d12	23.557	264	20380	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	8922	0.265	ng	0.00
5) Phenol-d6	6.886	99	12121	0.275	ng	0.00
8) Nitrobenzene-d5	8.875	82	8374	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	14931	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.853	330	1522	0.232	ng	0.00
15) 2-Fluorobiphenyl	12.982	172	24124	0.310	ng	-0.01
27) Fluoranthene-d10	19.145	212	26001	0.276	ng	0.00
31) Terphenyl-d14	19.754	244	17050	0.309	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.485	42	1073	0.063	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.494	198	4	0.145	ng	# 1
24) Pentachlorophenol	16.759	266	109	0.188	ng	93
25) Phenanthrene	17.144	178	5616	0.047	ng	97
28) Fluoranthene	19.173	202	13389	0.098	ng	# 97
30) Pyrene	19.540	202	12634	0.103	ng	96
32) Benzo(a)anthracene	21.286	228	6073	0.061	ng	94
33) Chrysene	21.340	228	6156	0.058	ng	96
34) Bis(2-ethylhexyl)phtha...	21.241	149	5686	0.135	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.841	276	3006	0.036	ng	# 80
37) Benzo(b)fluoranthene	22.882	252	7505	0.084	ng	# 75
39) Benzo(a)pyrene	23.458	252	4113	0.060	ng	# 66
41) Benzo(g,h,i)perylene	26.531	276	3404	0.047	ng	# 82

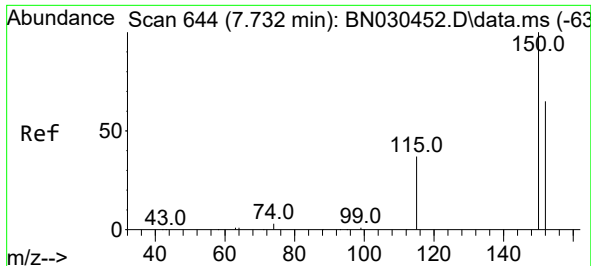
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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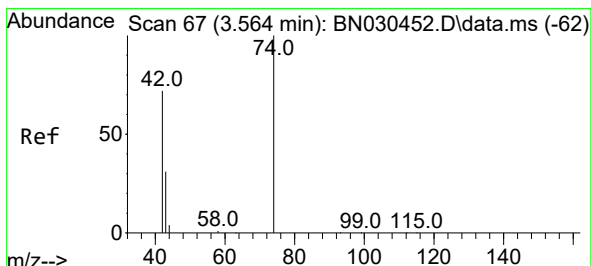
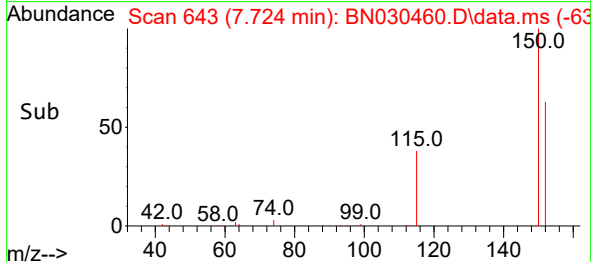
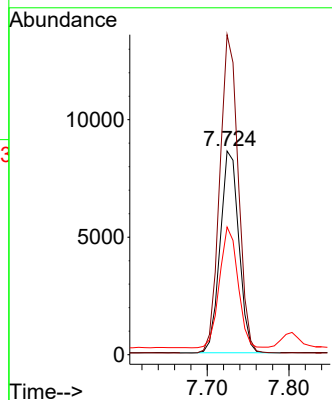
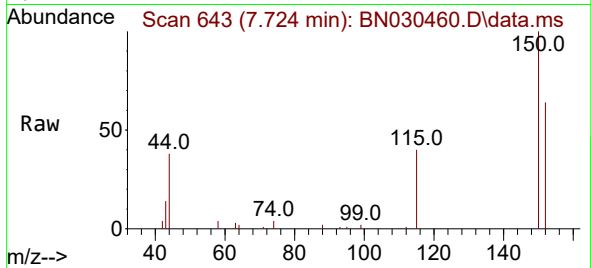




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

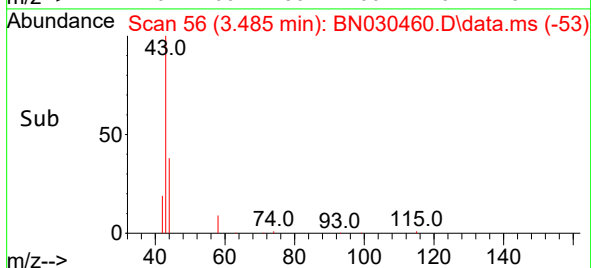
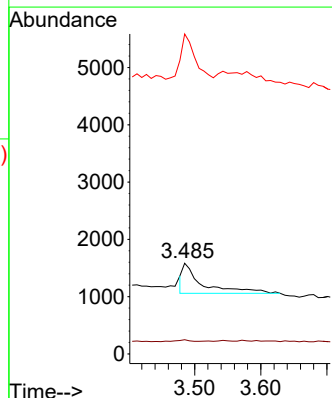
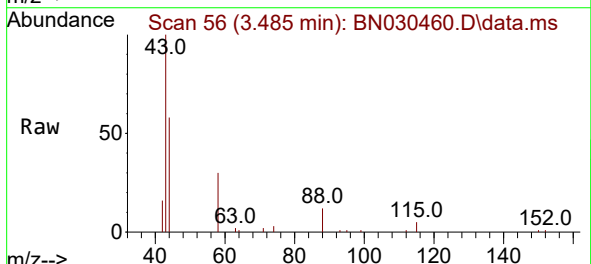
Instrument :
BNA_N
ClientSampleId :
COMP-1

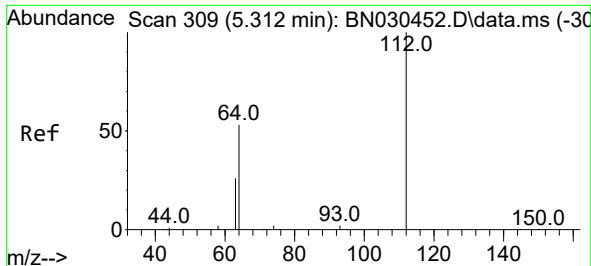
Tgt Ion:152 Resp: 13632
Ion Ratio Lower Upper
152 100
150 157.2 122.2 183.4
115 62.7 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.063 ng
RT: 3.485 min Scan# 56
Delta R.T. -0.080 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

Tgt Ion: 42 Resp: 1073
Ion Ratio Lower Upper
42 100
74 0.0 112.6 169.0#
44 85.0 9.9 14.9#

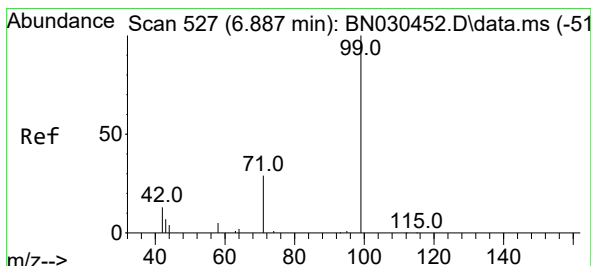
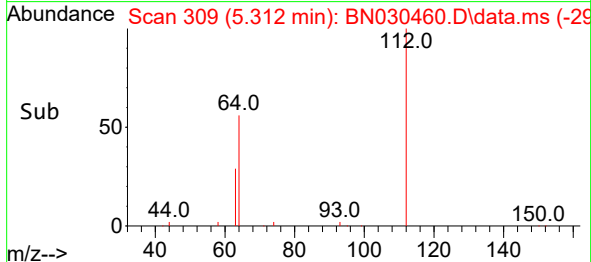
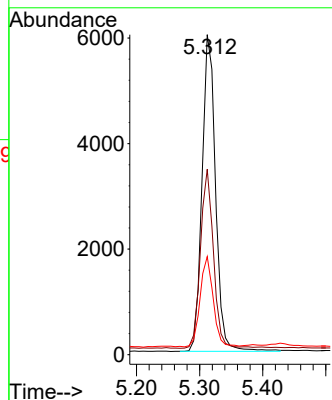
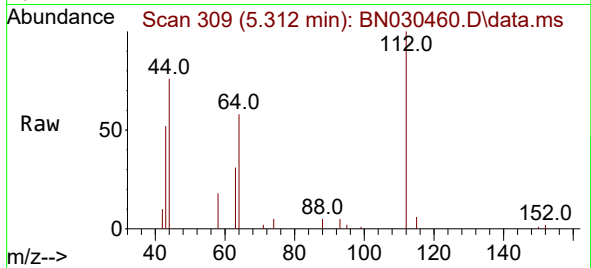




#4
2-Fluorophenol
Concen: 0.265 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

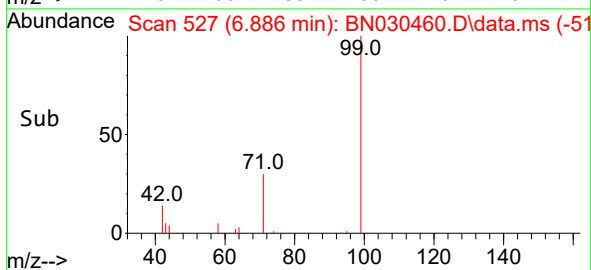
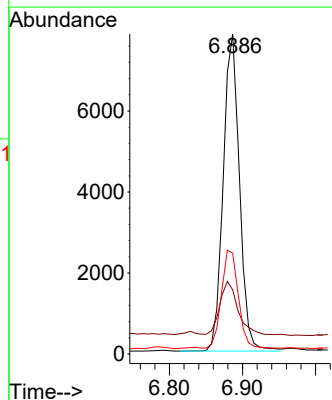
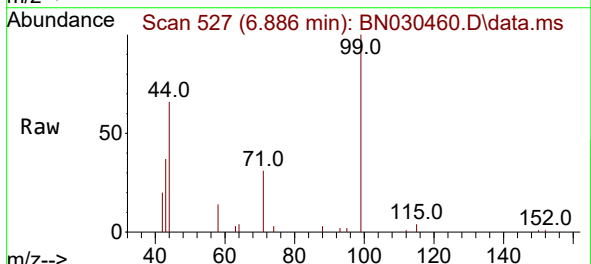
Instrument :
BNA_N
ClientSampleId :
COMP-1

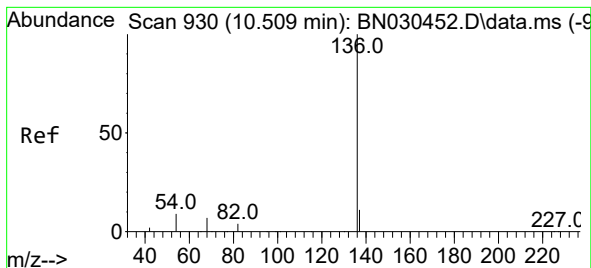
Tgt Ion:112 Resp: 8922
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 27.5 23.0 34.4



#5
Phenol-d6
Concen: 0.275 ng
RT: 6.886 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

Tgt Ion: 99 Resp: 12121
Ion Ratio Lower Upper
99 100
42 19.7 13.9 20.9
71 32.0 25.4 38.0

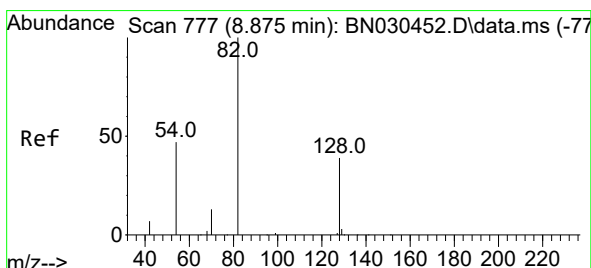
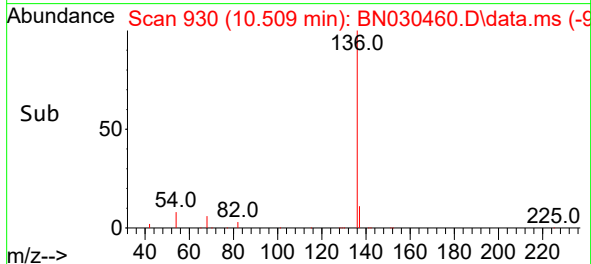
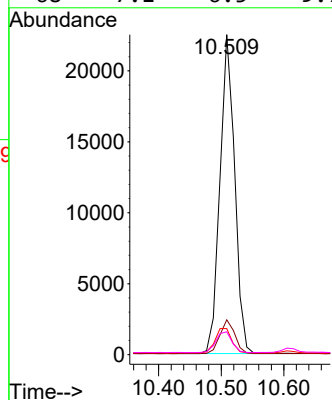
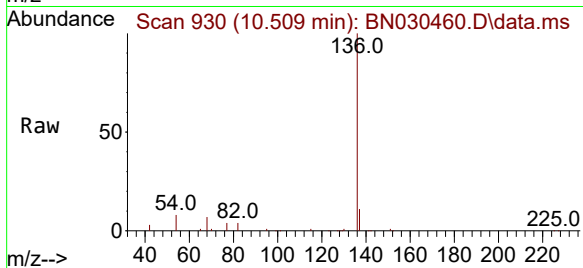




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

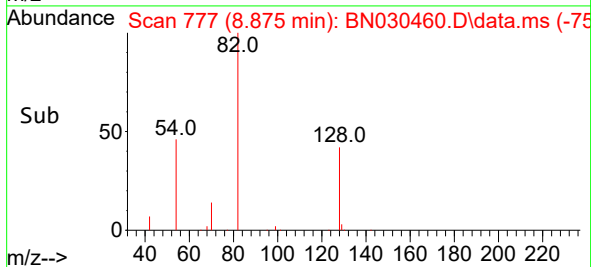
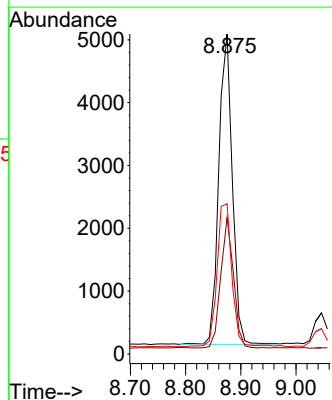
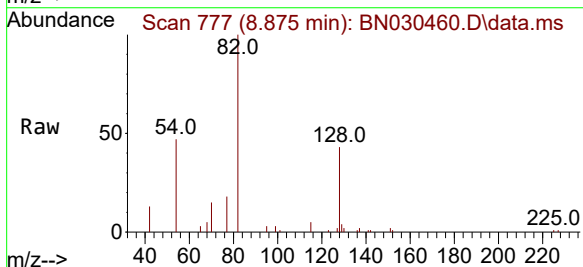
Instrument :
BNA_N
ClientSampleId :
COMP-1

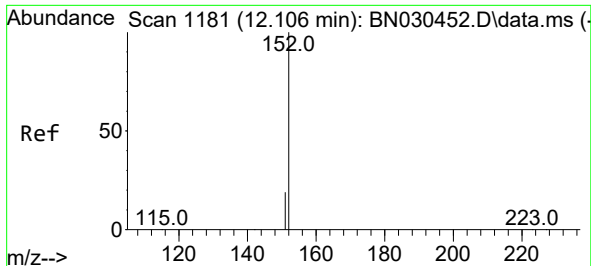
Tgt Ion:136 Resp: 36868
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.1 7.4 11.0
68 7.1 6.5 9.7



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

Tgt Ion: 82 Resp: 8374
Ion Ratio Lower Upper
82 100
128 42.6 31.8 47.8
54 46.9 38.8 58.2





#11

2-Methylnaphthalene-d10

Concen: 0.278 ng

RT: 12.102 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BN030460.D

Acq: 21 Mar 2024 23:54

Instrument :

BNA_N

ClientSampleId :

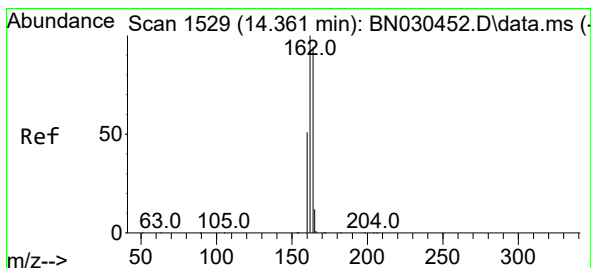
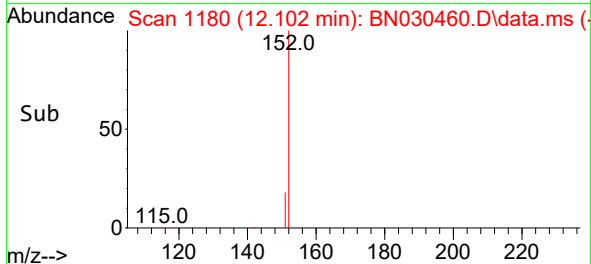
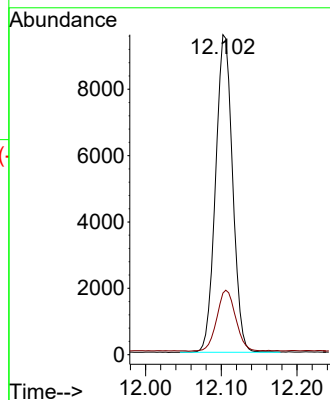
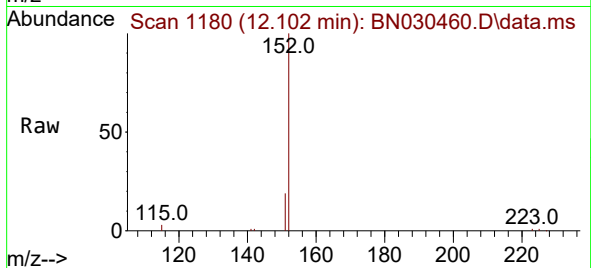
COMP-1

Tgt Ion:152 Resp: 14931

Ion Ratio Lower Upper

152 100

151 21.4 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: BN030460.D

Acq: 21 Mar 2024 23:54

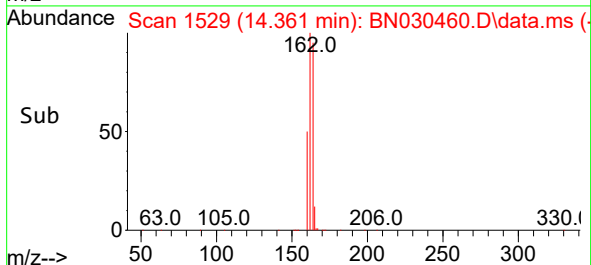
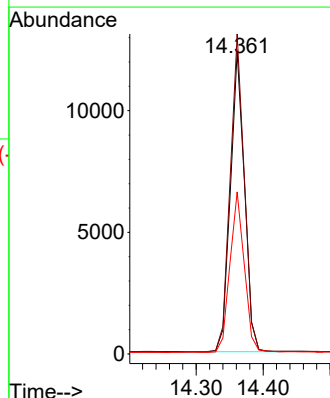
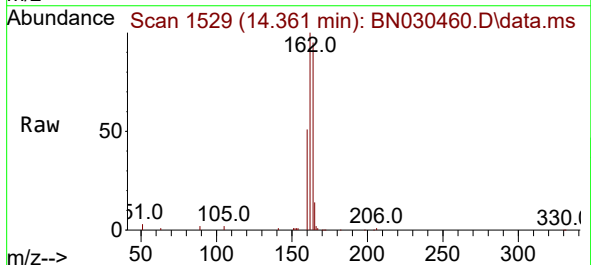
Tgt Ion:164 Resp: 18047

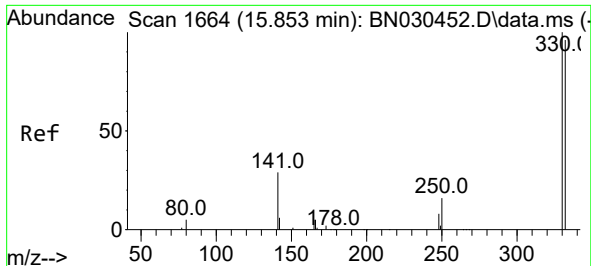
Ion Ratio Lower Upper

164 100

162 105.7 85.4 128.2

160 53.5 43.4 65.2

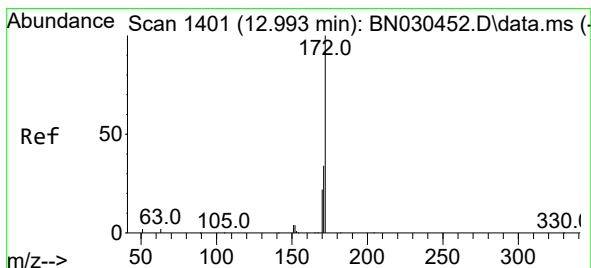
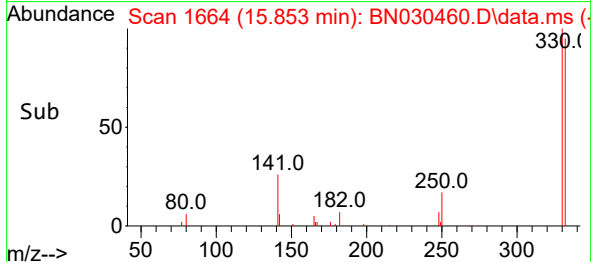
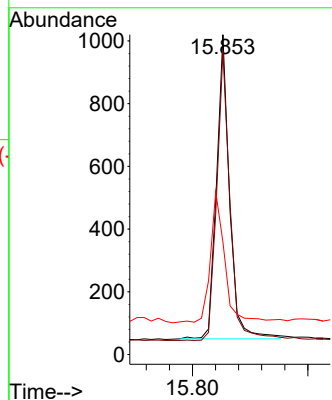
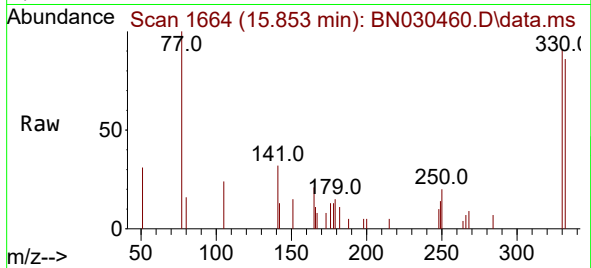




#14
 2,4,6-Tribromophenol
 Concen: 0.232 ng
 RT: 15.853 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BN030460.D
 Acq: 21 Mar 2024 23:54

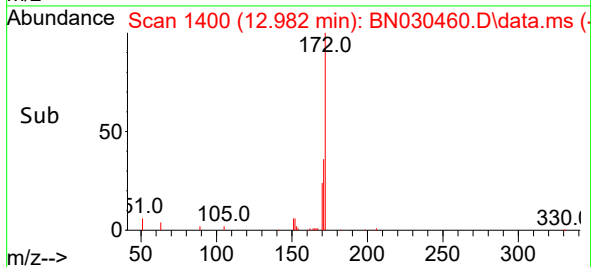
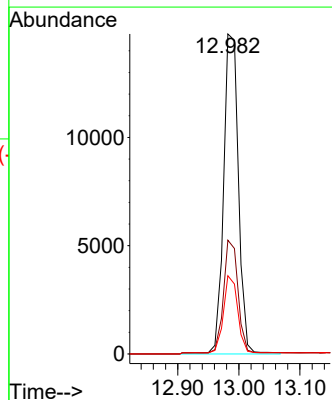
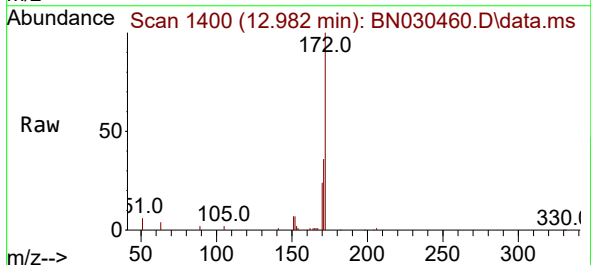
Instrument :
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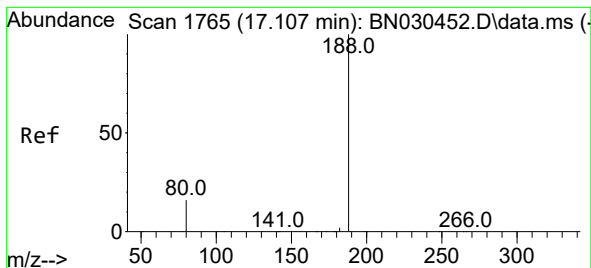
Tgt Ion: 330 Resp: 1522
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 45.9 36.2 54.4



#15
 2-Fluorobiphenyl
 Concen: 0.310 ng
 RT: 12.982 min Scan# 1400
 Delta R.T. -0.011 min
 Lab File: BN030460.D
 Acq: 21 Mar 2024 23:54

Tgt Ion: 172 Resp: 24124
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.4 41.2
 170 24.4 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN030460.D

Acq: 21 Mar 2024 23:54

Instrument :

BNA_N

ClientSampleId :

COMP-1

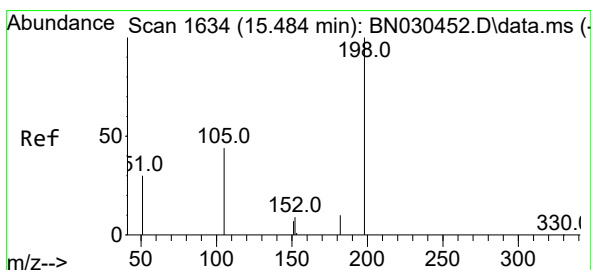
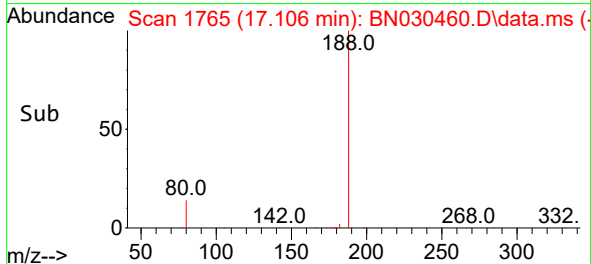
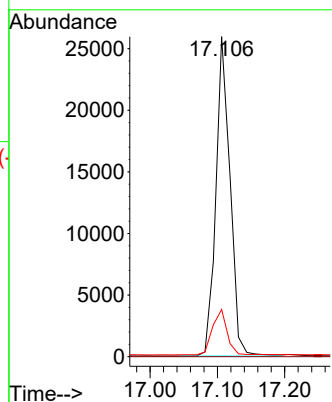
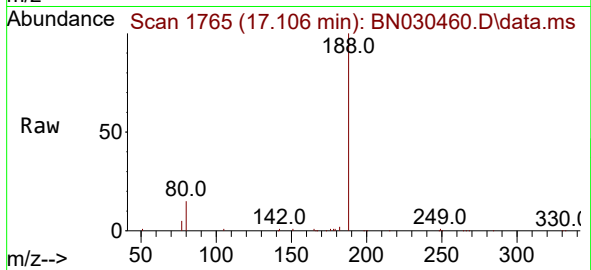
Tgt Ion:188 Resp: 37715

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.7 13.6 20.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.145 ng

RT: 15.494 min Scan# 1635

Delta R.T. 0.010 min

Lab File: BN030460.D

Acq: 21 Mar 2024 23:54

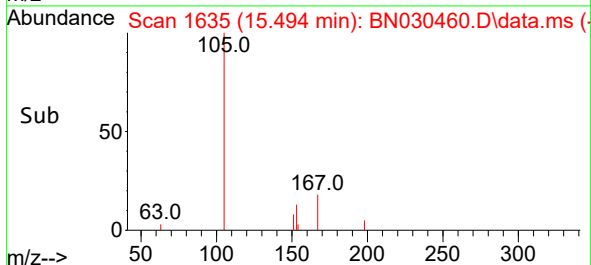
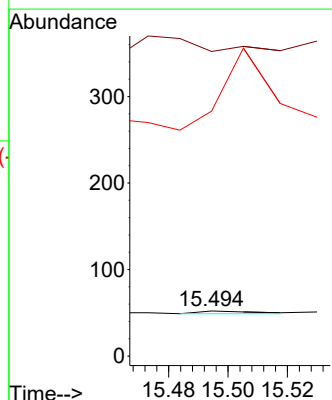
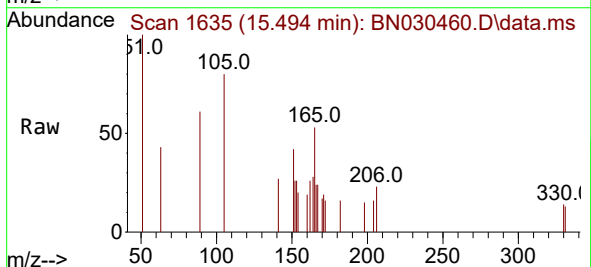
Tgt Ion:198 Resp: 4

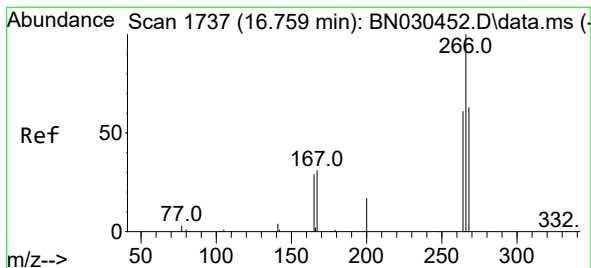
Ion Ratio Lower Upper

198 100

51 676.9 72.6 108.8#

105 544.2 60.3 90.5#





#24

Pentachlorophenol

Concen: 0.188 ng

RT: 16.759 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BN030460.D

Acq: 21 Mar 2024 23:54

Instrument :

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COMP-1

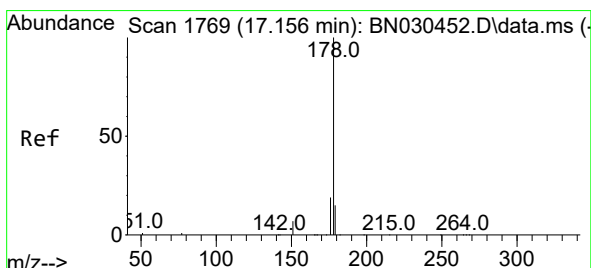
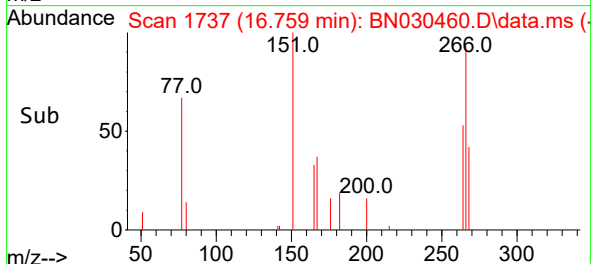
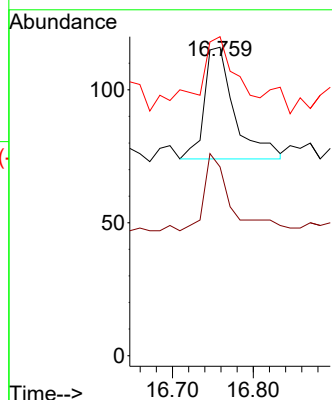
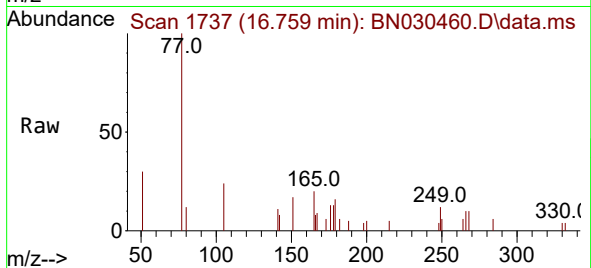
Tgt Ion:266 Resp: 109

Ion Ratio Lower Upper

266 100

264 60.6 49.8 74.6

268 53.2 49.3 73.9



#25

Phenanthrene

Concen: 0.047 ng

RT: 17.144 min Scan# 1768

Delta R.T. -0.013 min

Lab File: BN030460.D

Acq: 21 Mar 2024 23:54

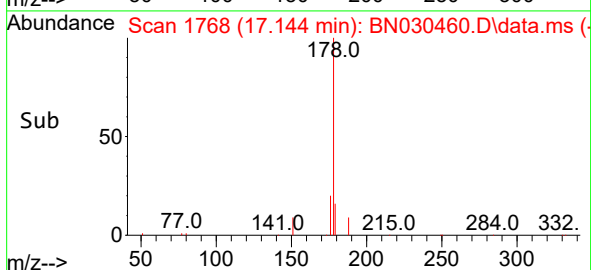
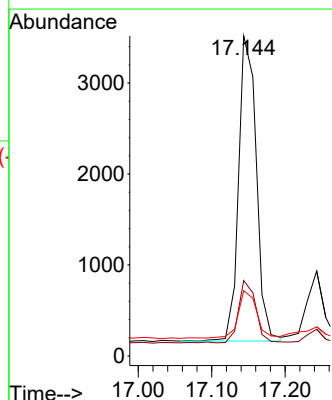
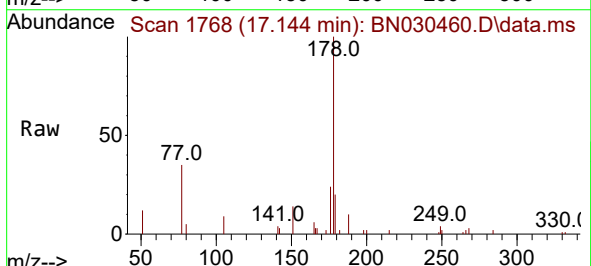
Tgt Ion:178 Resp: 5616

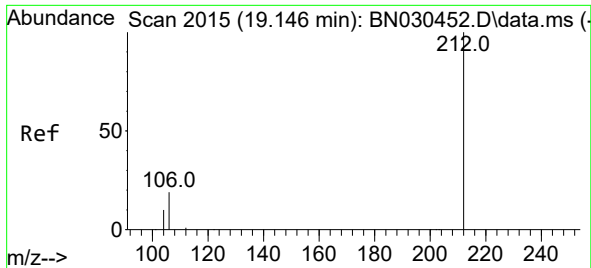
Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

179 17.5 12.3 18.5

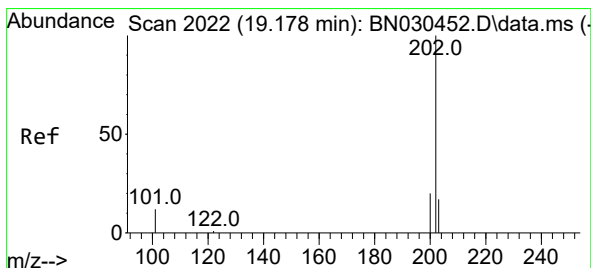
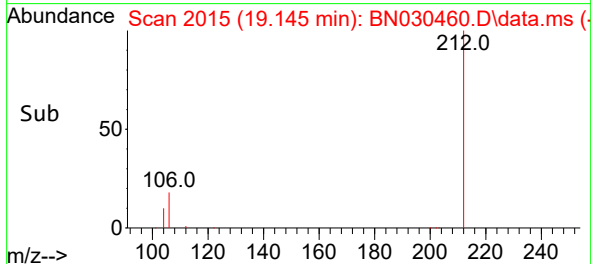
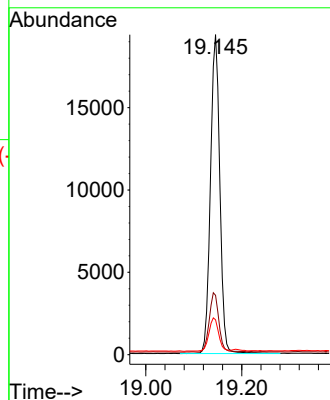
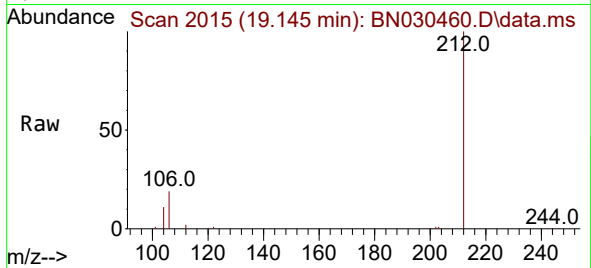




#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 19.145 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

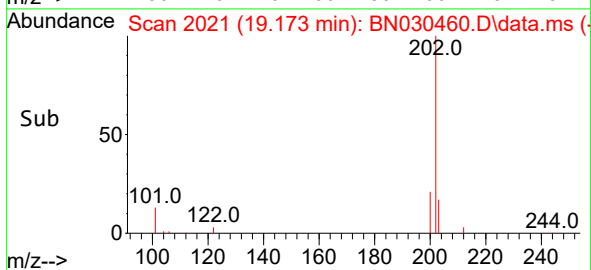
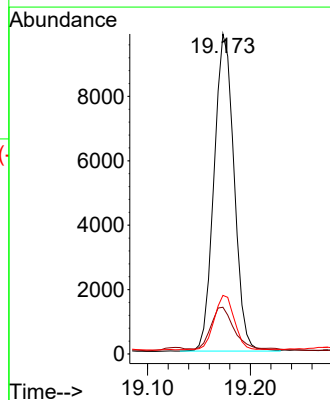
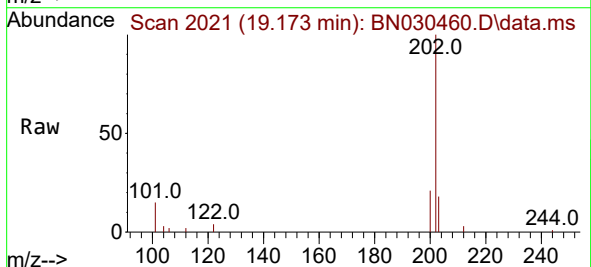
Instrument :
BNA_N
ClientSampleId :
COMP-1

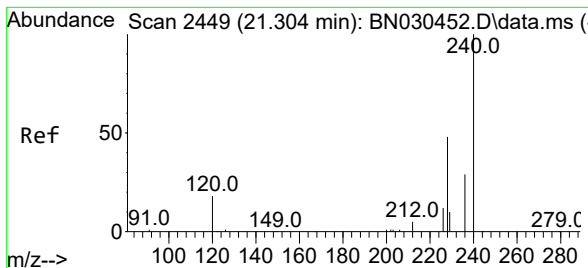
Tgt Ion:212 Resp: 26001
Ion Ratio Lower Upper
212 100
106 19.3 14.7 22.1
104 10.7 8.3 12.5



#28
Fluoranthene
Concen: 0.098 ng
RT: 19.173 min Scan# 2021
Delta R.T. -0.005 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

Tgt Ion:202 Resp: 13389
Ion Ratio Lower Upper
202 100
101 16.5 10.7 16.1#
203 17.0 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: BN030460.D

Acq: 21 Mar 2024 23:54

Instrument :

BNA_N

ClientSampleId :

COMP-1

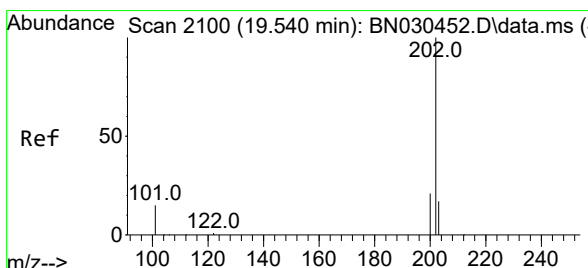
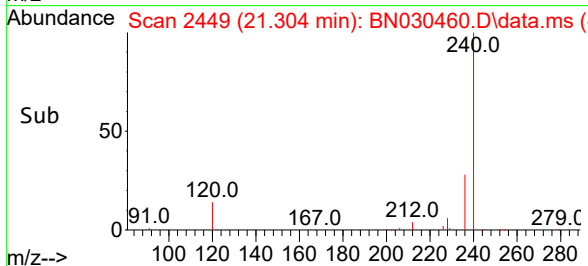
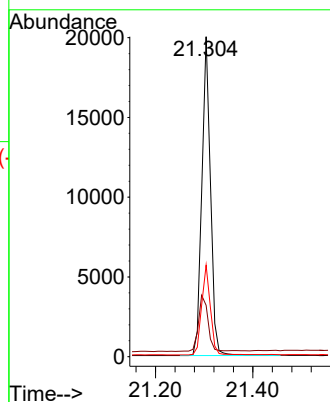
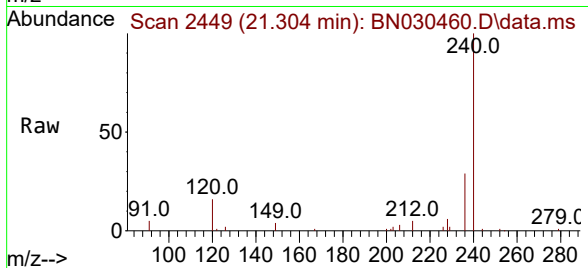
Tgt Ion:240 Resp: 24598

Ion Ratio Lower Upper

240 100

120 16.1 15.9 23.9

236 28.6 23.8 35.6



#30

Pyrene

Concen: 0.103 ng

RT: 19.540 min Scan# 2100

Delta R.T. -0.000 min

Lab File: BN030460.D

Acq: 21 Mar 2024 23:54

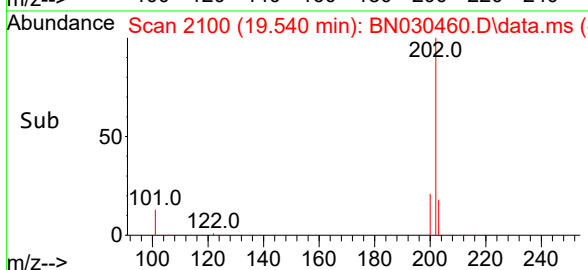
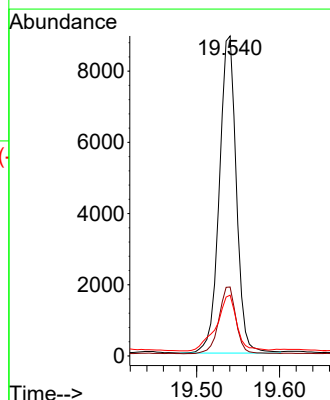
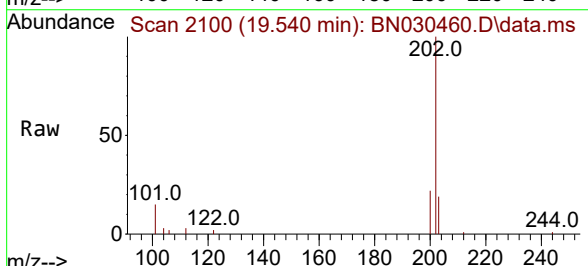
Tgt Ion:202 Resp: 12634

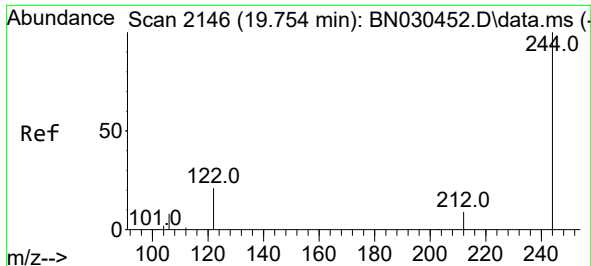
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 21.1 14.1 21.1

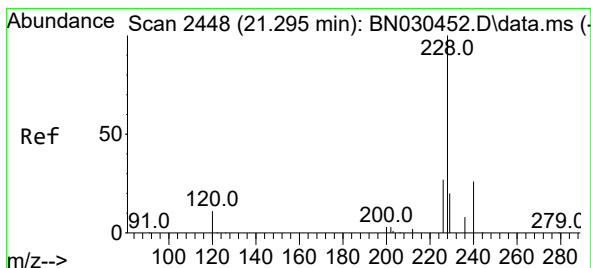
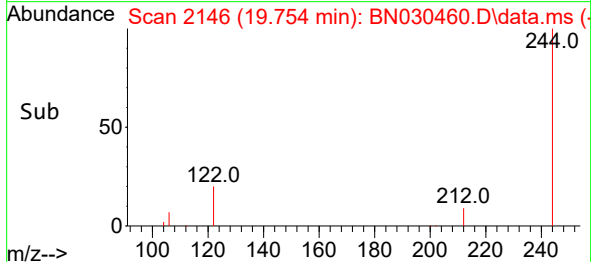
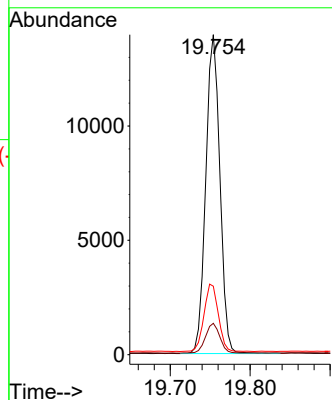
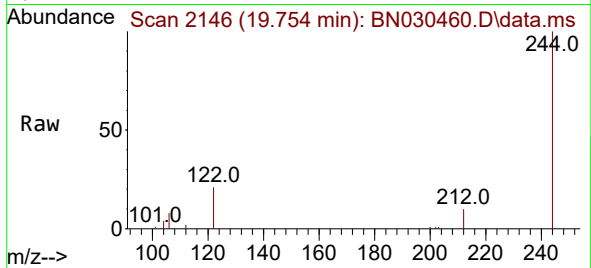




#31
 Terphenyl-d14
 Concen: 0.309 ng
 RT: 19.754 min Scan# 2146
 Delta R.T. -0.000 min
 Lab File: BN030460.D
 Acq: 21 Mar 2024 23:54

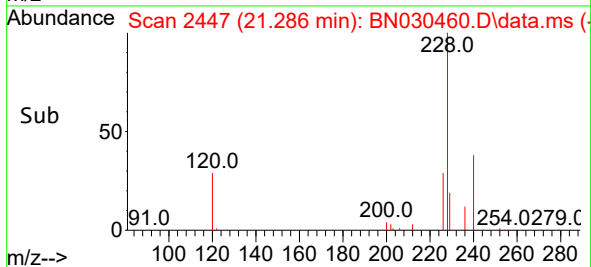
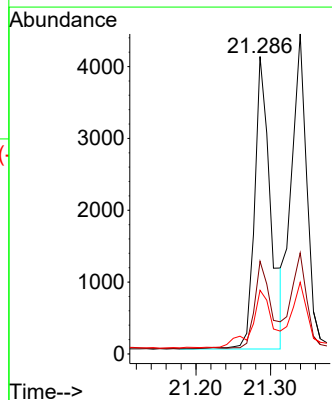
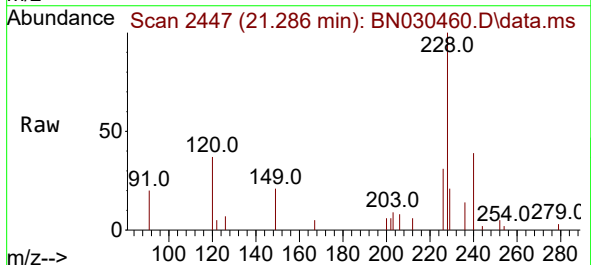
Instrument :
 BNA_N
 ClientSampleId :
 COMP-1

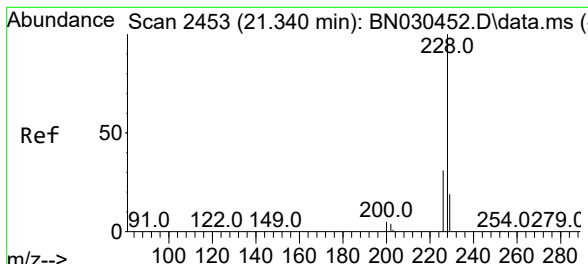
Tgt Ion:244 Resp: 17050
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.8 11.6
 122 21.4 17.1 25.7



#32
 Benzo(a)anthracene
 Concen: 0.061 ng
 RT: 21.286 min Scan# 2447
 Delta R.T. -0.009 min
 Lab File: BN030460.D
 Acq: 21 Mar 2024 23:54

Tgt Ion:228 Resp: 6073
 Ion Ratio Lower Upper
 228 100
 226 31.1 21.5 32.3
 229 21.4 15.8 23.6





#33

Chrysene

Concen: 0.058 ng

RT: 21.340 min Scan# 2453

Delta R.T. -0.000 min

Lab File: BN030460.D

Acq: 21 Mar 2024 23:54

Instrument :

BNA_N

ClientSampleId :

COMP-1

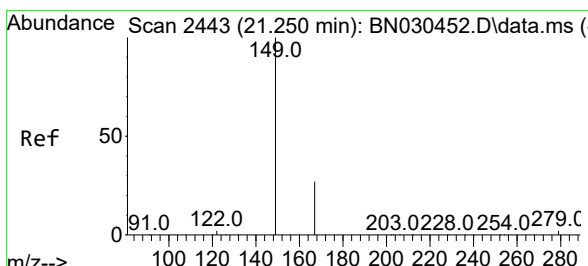
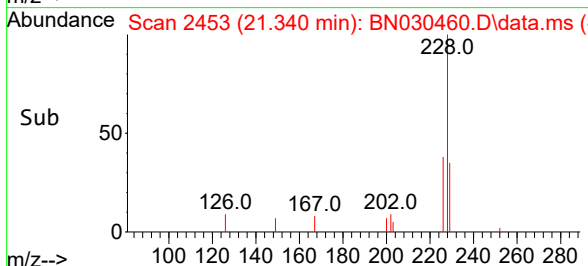
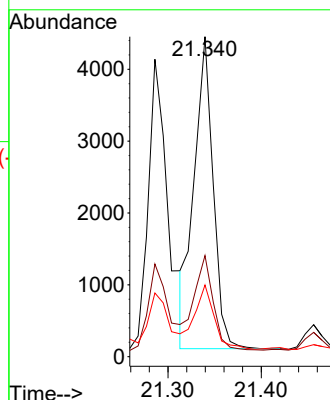
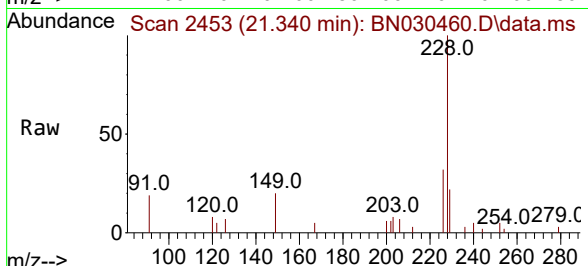
Tgt Ion:228 Resp: 6156

Ion Ratio Lower Upper

228 100

226 31.6 24.6 37.0

229 22.4 15.2 22.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.135 ng

RT: 21.241 min Scan# 2442

Delta R.T. -0.009 min

Lab File: BN030460.D

Acq: 21 Mar 2024 23:54

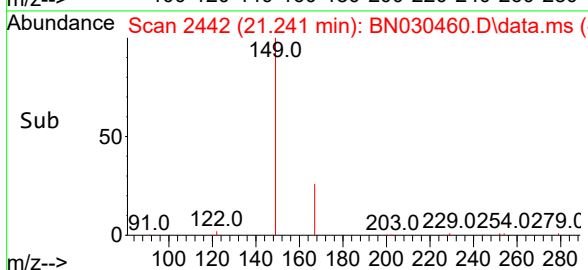
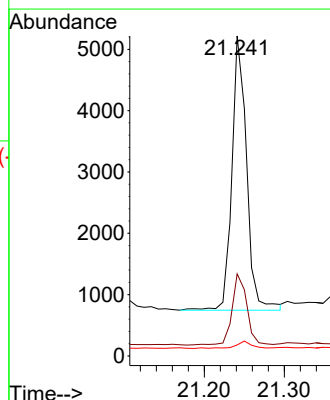
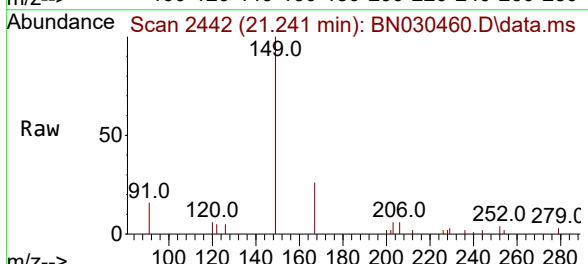
Tgt Ion:149 Resp: 5686

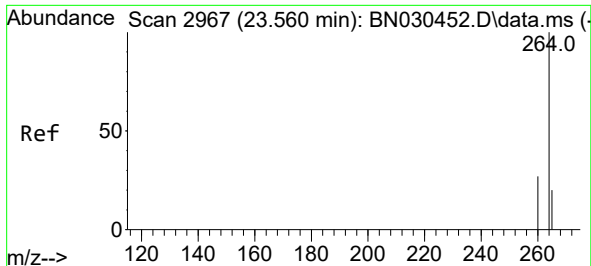
Ion Ratio Lower Upper

149 100

167 26.1 21.2 31.8

279 2.8 1.8 2.8#

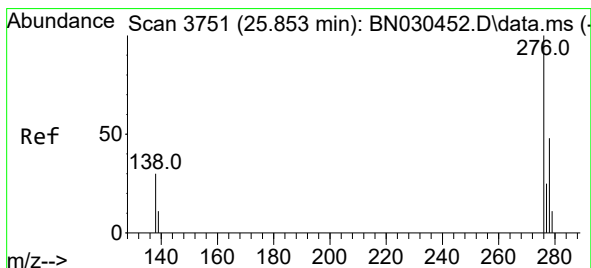
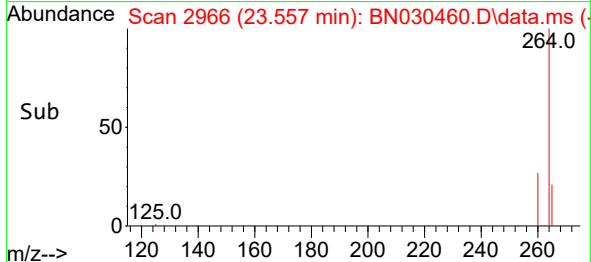
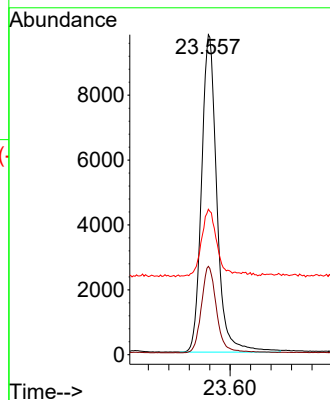
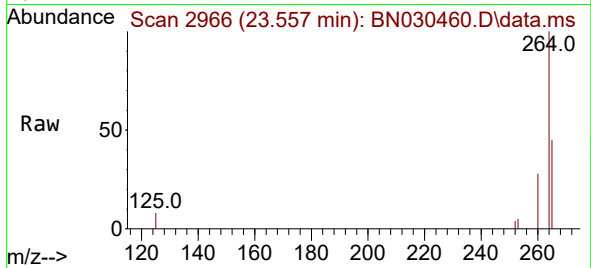




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.557 min Scan# 2966
Delta R.T. -0.003 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

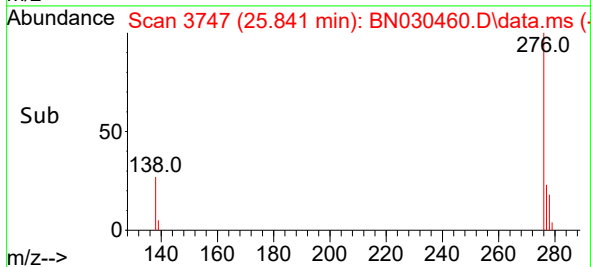
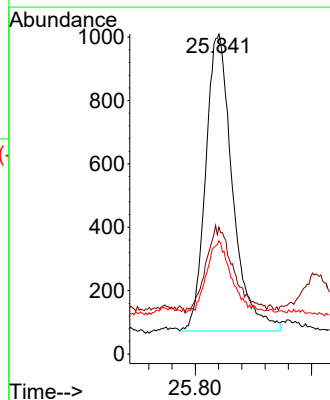
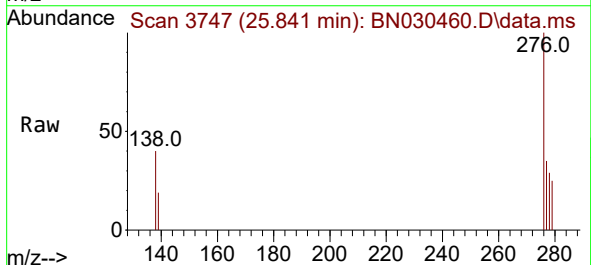
Instrument :
BNA_N
ClientSampleId :
COMP-1

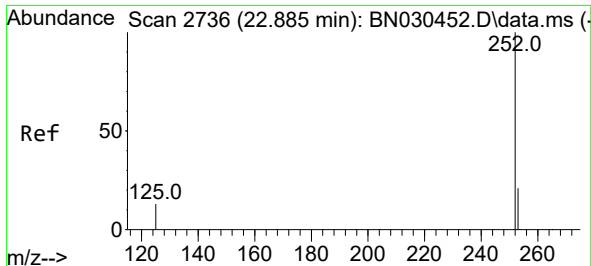
Tgt Ion:	264	Resp:	20380
Ion Ratio	Lower	Upper	
264	100		
260	27.6	21.9	32.9
265	45.4	32.6	48.8



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng
RT: 25.841 min Scan# 3747
Delta R.T. -0.012 min
Lab File: BN030460.D
Acq: 21 Mar 2024 23:54

Tgt Ion:	276	Resp:	3006
Ion Ratio	Lower	Upper	
276	100		
138	12.9	24.8	37.2#
277	22.2	19.1	28.7





#37

Benzo(b)fluoranthene

Concen: 0.084 ng

RT: 22.882 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN030460.D

Acq: 21 Mar 2024 23:54

Instrument :

BNA_N

ClientSampleId :

COMP-1

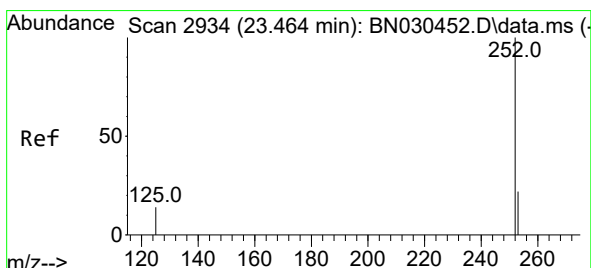
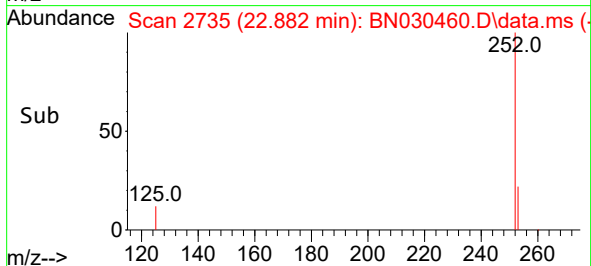
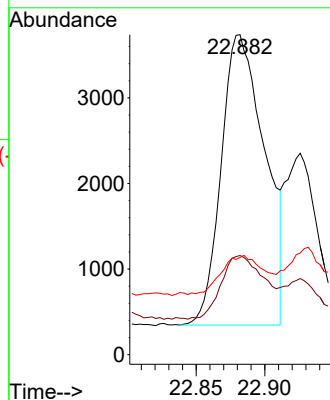
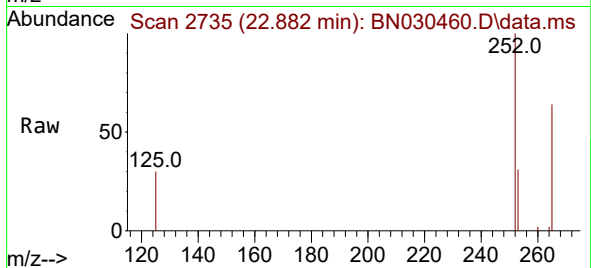
Tgt Ion:252 Resp: 7505

Ion Ratio Lower Upper

252 100

253 31.0 18.2 27.2#

125 30.4 12.0 18.0#



#39

Benzo(a)pyrene

Concen: 0.060 ng

RT: 23.458 min Scan# 2932

Delta R.T. -0.006 min

Lab File: BN030460.D

Acq: 21 Mar 2024 23:54

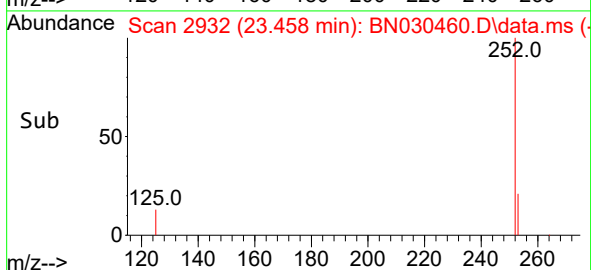
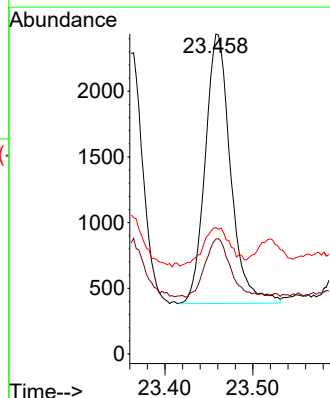
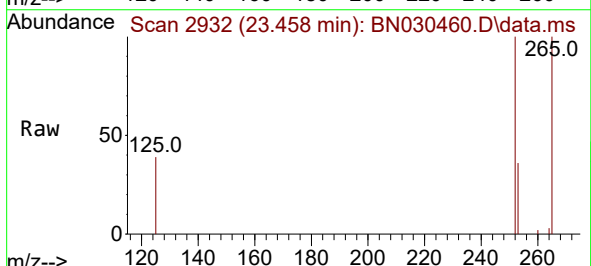
Tgt Ion:252 Resp: 4113

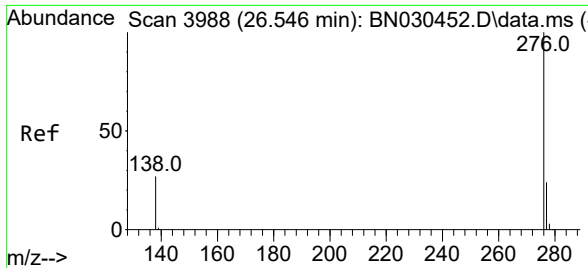
Ion Ratio Lower Upper

252 100

253 35.9 19.4 29.0#

125 39.5 14.6 22.0#





#41

Benzo(g,h,i)perylene

Concen: 0.047 ng

RT: 26.531 min Scan# 3983

Delta R.T. -0.015 min

Lab File: BN030460.D

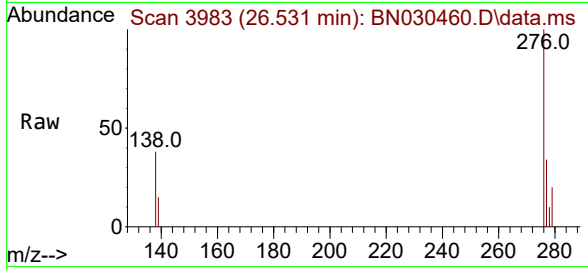
Acq: 21 Mar 2024 23:54

Instrument :

BNA_N

ClientSampleId :

COMP-1



Tgt Ion:276 Resp: 3404

Ion Ratio Lower Upper

276 100

277 33.9 20.0 30.0#

138 38.4 22.8 34.2#

