

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
 Data File : BN028428.D
 Acq On : 02 Nov 2023 19:11
 Operator : MA/JU
 Sample : PB156693BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156693BS

Quant Time: Nov 03 01:49:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

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

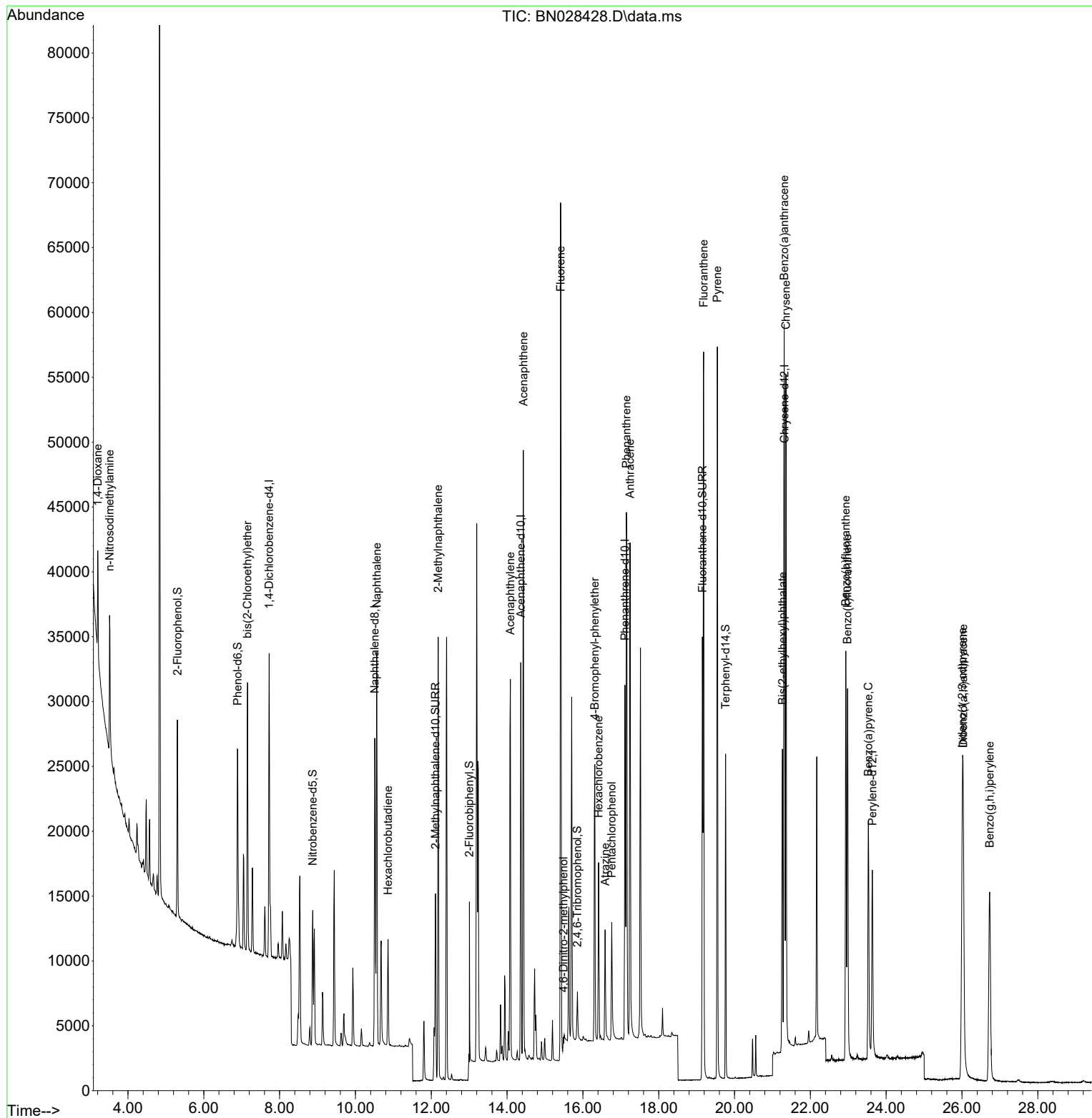
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	10841	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	30941	0.400	ng	0.00
13) Acenaphthene-d10	14.363	164	15843	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	35687	0.400	ng	#-0.01
29) Chrysene-d12	21.319	240	24821	0.400	ng	# 0.00
35) Perylene-d12	23.634	264	20378	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	11453	0.405	ng	0.00
5) Phenol-d6	6.894	99	14421	0.402	ng	0.00
8) Nitrobenzene-d5	8.875	82	8070	0.403	ng	0.00
11) 2-Methylnaphthalene-d10	12.110	152	19000	0.429	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	2215	0.359	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	5233	0.278	ng	0.00
27) Fluoranthene-d10	19.152	212	36038	0.409	ng	0.00
31) Terphenyl-d14	19.765	244	23058	0.441	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	3971	0.331	ng	# 34
3) n-Nitrosodimethylamine	3.514	42	6013	0.449	ng	# 95
6) bis(2-Chloroethyl)ether	7.154	93	14037	0.452	ng	98
9) Naphthalene	10.562	128	37648	0.451	ng	100
10) Hexachlorobutadiene	10.861	225	6311	0.454	ng	# 99
12) 2-Methylnaphthalene	12.182	142	23650	0.406	ng	99
16) Acenaphthylene	14.085	152	34044	0.435	ng	100
17) Acenaphthene	14.428	154	22323	0.450	ng	99
18) Fluorene	15.411	166	30520	0.452	ng	99
20) 4,6-Dinitro-2-methylph...	15.486	198	1355	0.511	ng	# 90
21) 4-Bromophenyl-phenylether	16.314	248	8900	0.450	ng	# 87
22) Hexachlorobenzene	16.413	284	9755	0.467	ng	97
23) Atrazine	16.587	200	7055	0.425	ng	96
24) Pentachlorophenol	16.761	266	4862	0.646	ng	99
25) Phenanthrene	17.146	178	48281	0.458	ng	100
26) Anthracene	17.245	178	41735	0.415	ng	99
28) Fluoranthene	19.185	202	50948	0.414	ng	99
30) Pyrene	19.547	202	50943	0.492	ng	100
32) Benzo(a)anthracene	21.310	228	41752	0.424	ng	99
33) Chrysene	21.355	228	43204	0.440	ng	100
34) Bis(2-ethylhexyl)phtha...	21.265	149	17588	0.345	ng	99
36) Indeno(1,2,3-cd)pyrene	26.008	276	36753	0.504	ng	99
37) Benzo(b)fluoranthene	22.935	252	38779	0.555	ng	99
38) Benzo(k)fluoranthene	22.982	252	36944	0.463	ng	99
39) Benzo(a)pyrene	23.532	252	27902	0.402	ng	96
40) Dibenzo(a,h)anthracene	26.034	278	29730	0.456	ng	94
41) Benzo(g,h,i)perylene	26.730	276	31379	0.450	ng	98

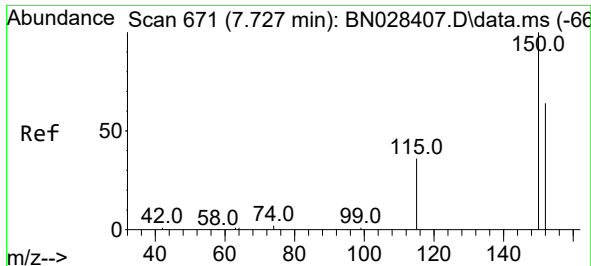
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028428.D
Acq On : 02 Nov 2023 19:11
Operator : MA/JU
Sample : PB156693BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156693BS

Quant Time: Nov 03 01:49:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

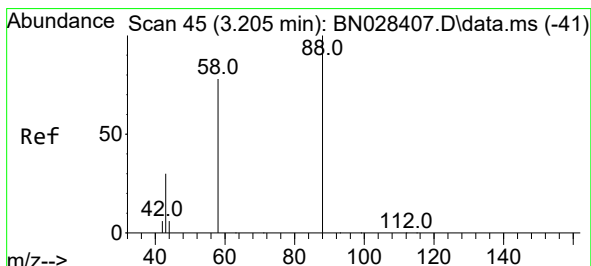
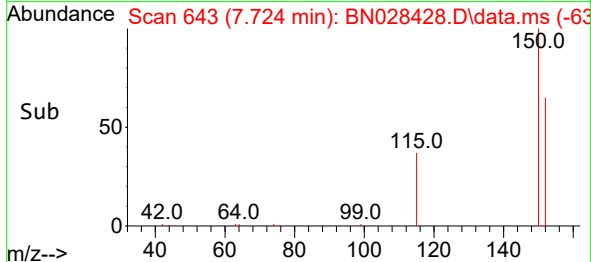
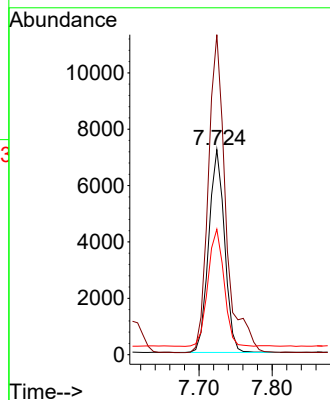
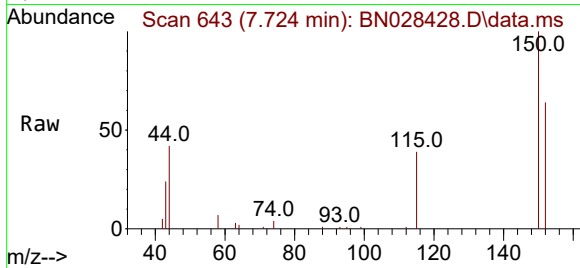




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. -0.003 min
 Lab File: BN028428.D
 Acq: 02 Nov 2023 19:11

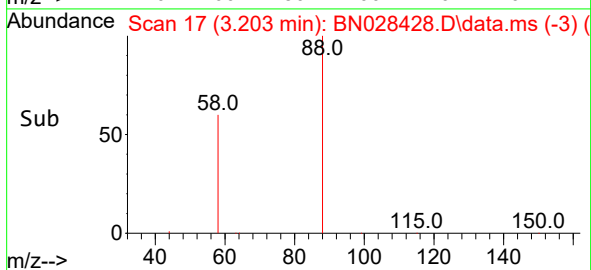
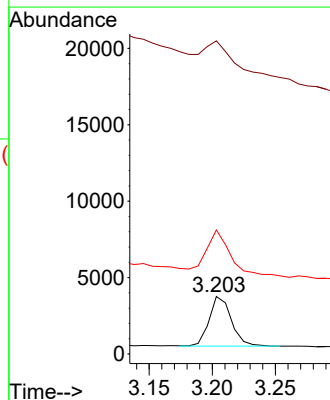
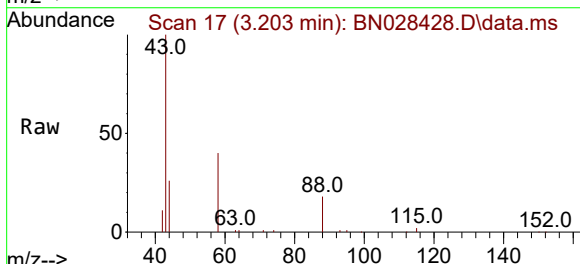
Instrument :
 BNA_N
 ClientSampleId :
 PB156693BS

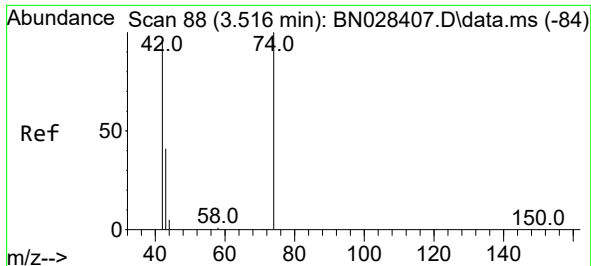
Tgt Ion:152 Resp: 10841
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.8 185.6
 115 61.1 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.331 ng
 RT: 3.203 min Scan# 17
 Delta R.T. -0.002 min
 Lab File: BN028428.D
 Acq: 02 Nov 2023 19:11

Tgt Ion: 88 Resp: 3971
 Ion Ratio Lower Upper
 88 100
 43 101.1 24.3 36.5#
 58 109.2 59.8 89.6#

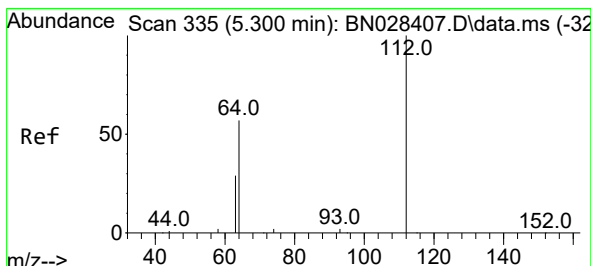
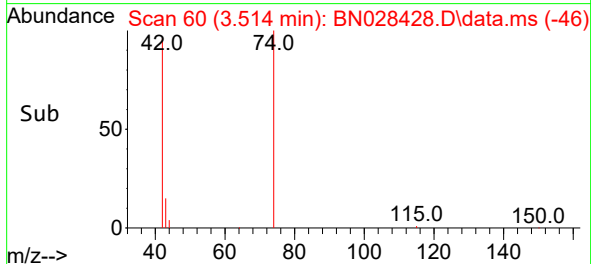
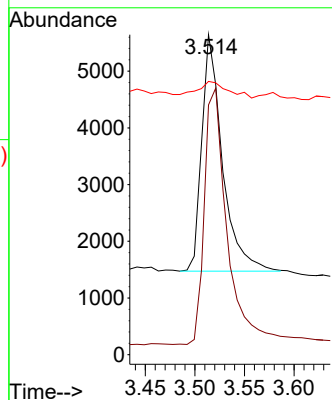
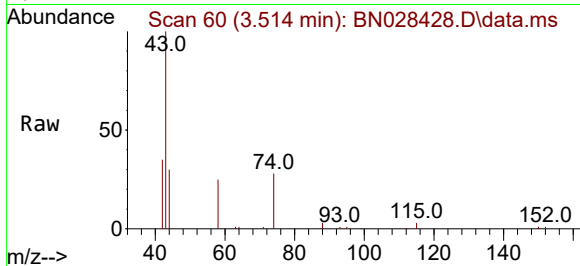




#3
 n-Nitrosodimethylamine
 Concen: 0.449 ng
 RT: 3.514 min Scan# 60
 Delta R.T. -0.002 min
 Lab File: BN028428.D
 Acq: 02 Nov 2023 19:11

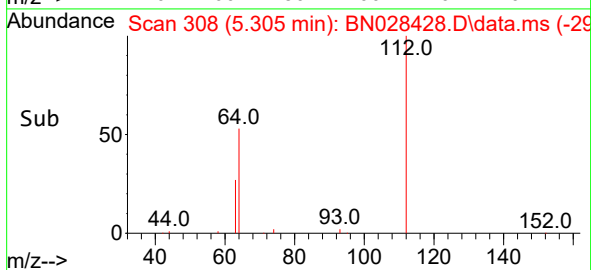
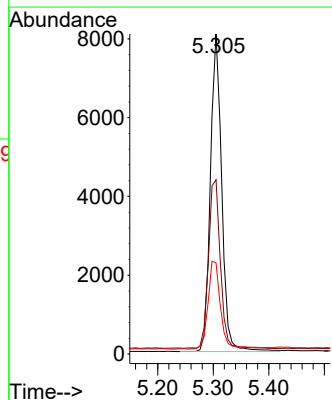
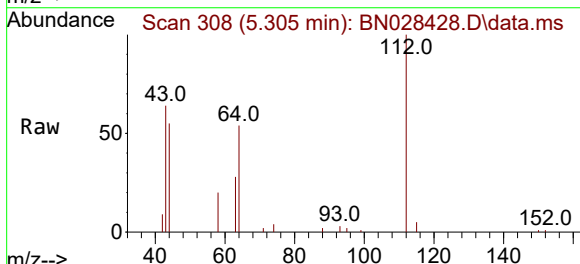
Instrument :
 BNA_N
 ClientSampleId :
 PB156693BS

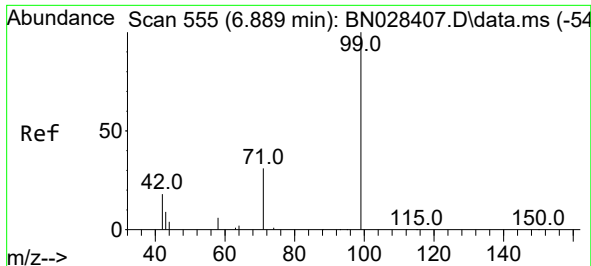
Tgt Ion: 42 Resp: 6013
 Ion Ratio Lower Upper
 42 100
 74 120.1 100.3 150.5
 44 10.2 6.2 9.2#



#4
 2-Fluorophenol
 Concen: 0.405 ng
 RT: 5.305 min Scan# 308
 Delta R.T. 0.005 min
 Lab File: BN028428.D
 Acq: 02 Nov 2023 19:11

Tgt Ion: 112 Resp: 11453
 Ion Ratio Lower Upper
 112 100
 64 56.7 44.3 66.5
 63 29.7 22.6 33.8

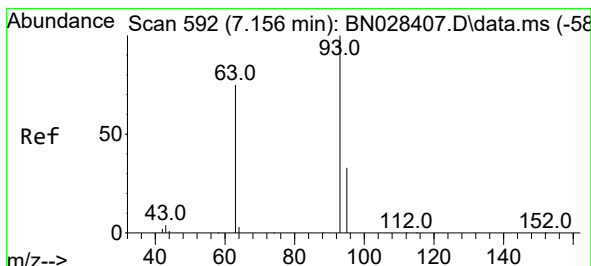
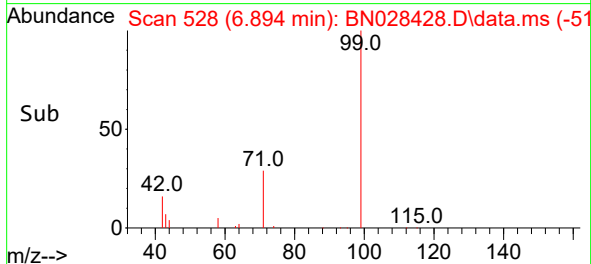
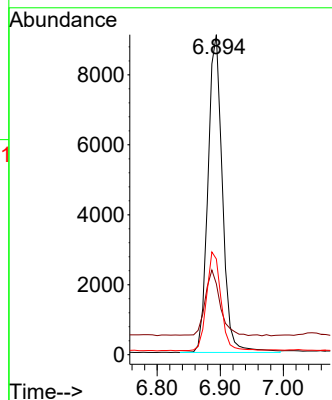
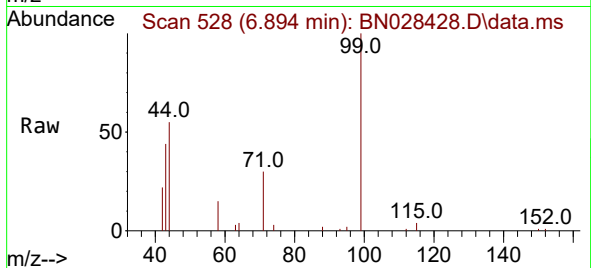




#5
Phenol-d6
Concen: 0.402 ng
RT: 6.894 min Scan# 51
Delta R.T. 0.005 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

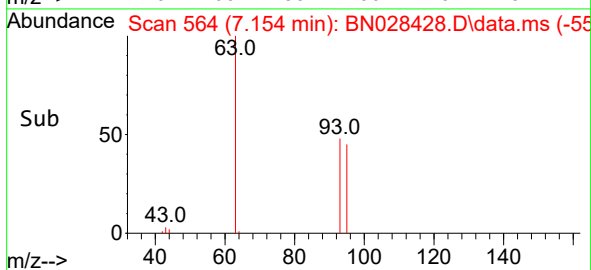
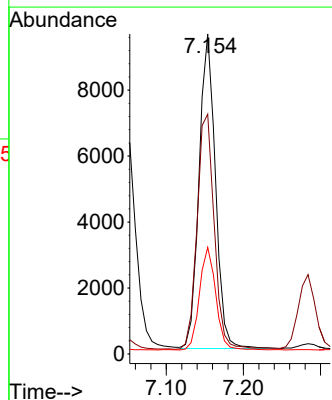
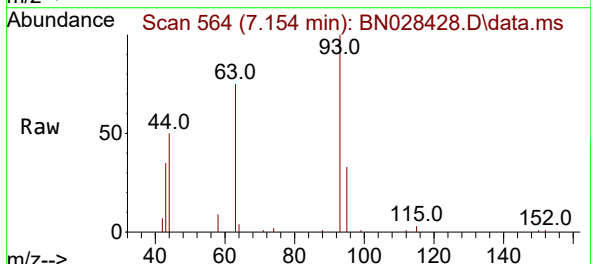
Instrument :
BNA_N
ClientSampleId :
PB156693BS

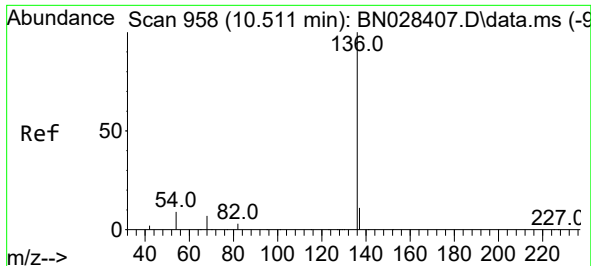
Tgt Ion: 99 Resp: 14421
Ion Ratio Lower Upper
99 100
42 21.6 15.4 23.0
71 31.2 24.4 36.6



#6
bis(2-Chloroethyl)ether
Concen: 0.452 ng
RT: 7.154 min Scan# 564
Delta R.T. -0.002 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

Tgt Ion: 93 Resp: 14037
Ion Ratio Lower Upper
93 100
63 78.6 61.4 92.0
95 32.6 26.1 39.1

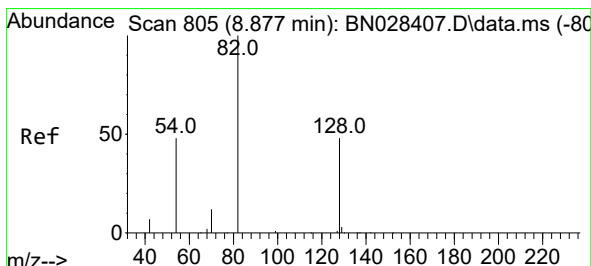
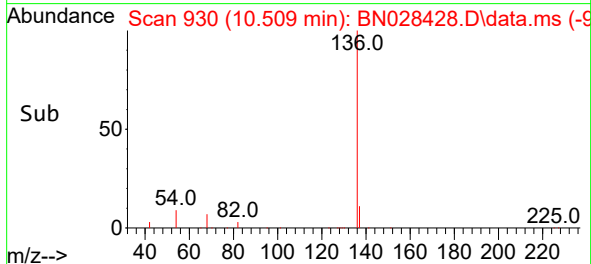
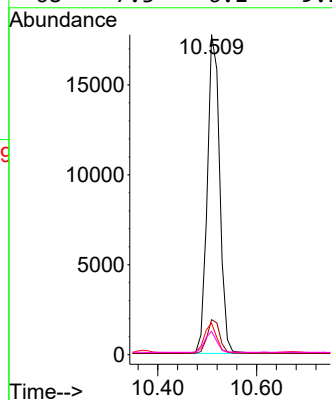
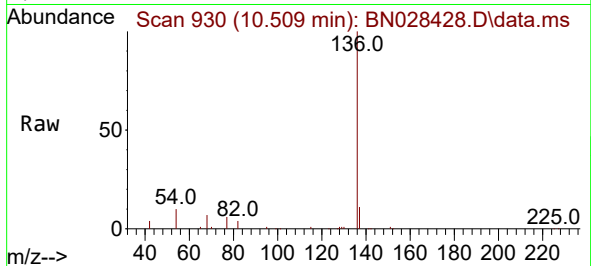




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 911
Delta R.T. -0.002 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

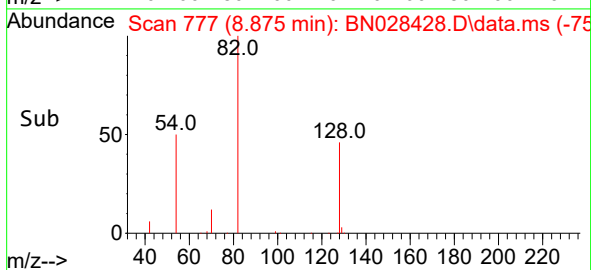
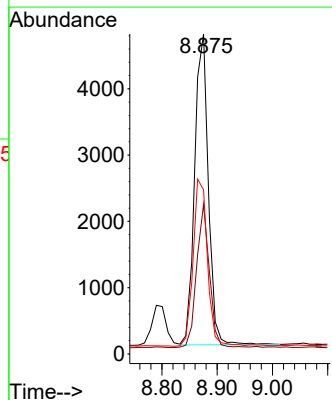
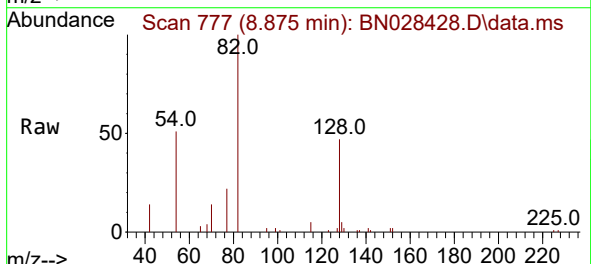
Instrument :
BNA_N
ClientSampleId :
PB156693BS

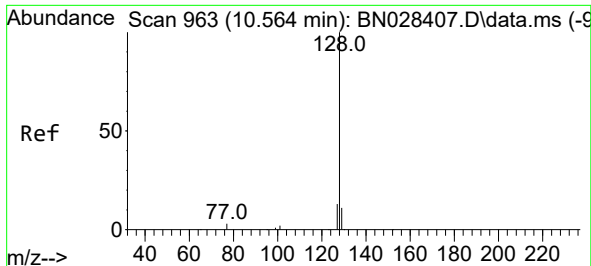
Tgt Ion:136	Resp:	30941
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	9.9	7.9 11.9
68	7.3	6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.403 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.002 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

Tgt Ion: 82	Resp:	8070
Ion Ratio	Lower	Upper
82	100	
128	46.7	38.8 58.2
54	51.2	40.3 60.5

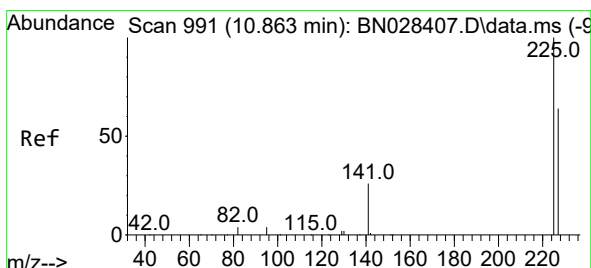
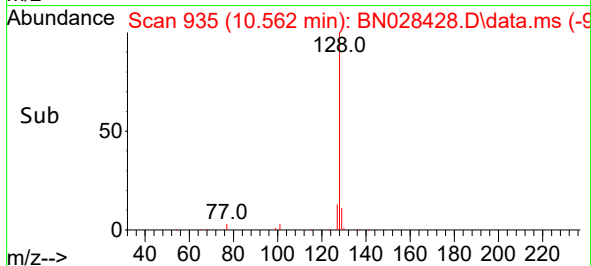
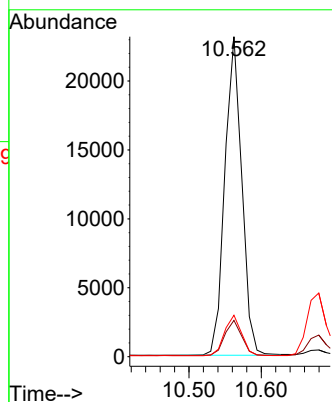
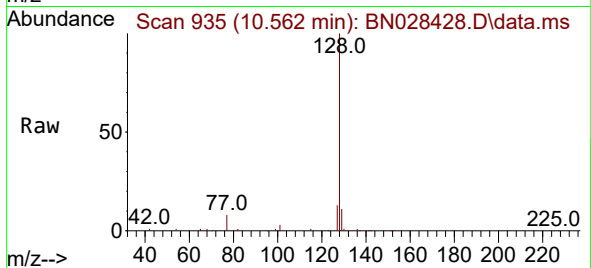




#9
Naphthalene
Concen: 0.451 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

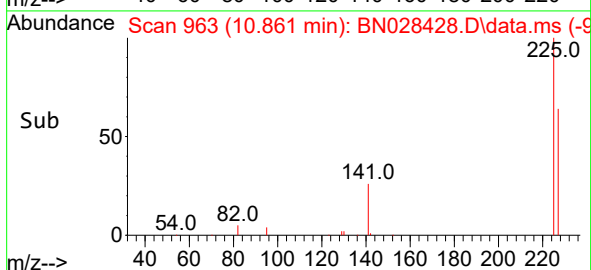
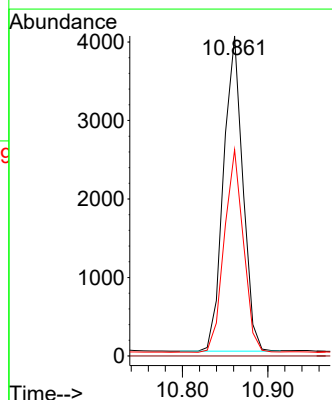
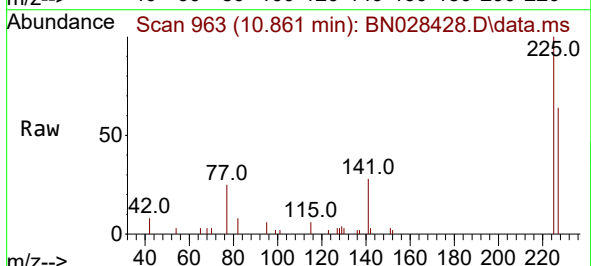
Instrument :
BNA_N
ClientSampleId :
PB156693BS

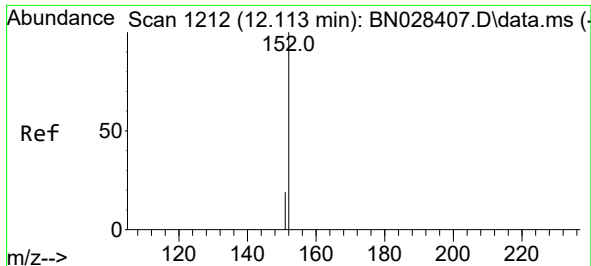
Tgt Ion:128 Resp: 37648
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.0 10.4 15.6



#10
Hexachlorobutadiene
Concen: 0.454 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.002 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

Tgt Ion:225 Resp: 6311
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.6 51.4 77.0





#11

2-Methylnaphthalene-d10

Concen: 0.429 ng

RT: 12.110 min Scan# 1182

Delta R.T. -0.003 min

Lab File: BN028428.D

Acq: 02 Nov 2023 19:11

Instrument :

BNA_N

ClientSampleId :

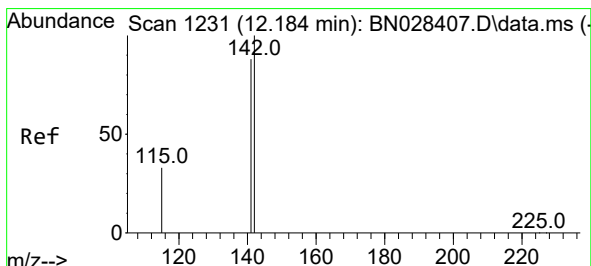
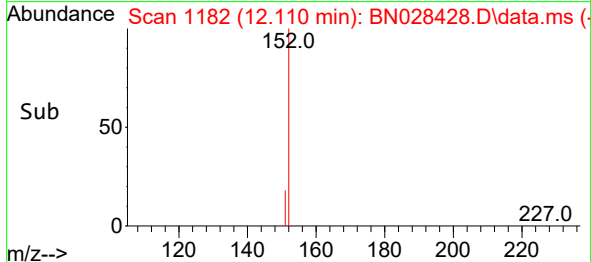
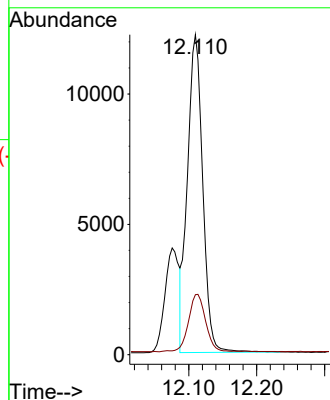
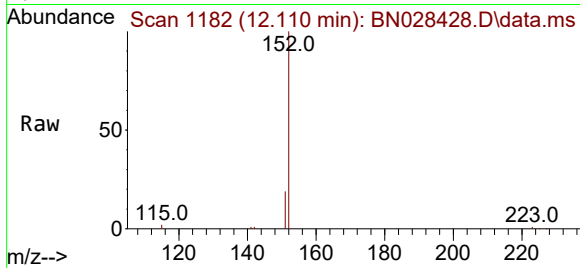
PB156693BS

Tgt Ion:152 Resp: 19000

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6



#12

2-Methylnaphthalene

Concen: 0.406 ng

RT: 12.182 min Scan# 1201

Delta R.T. -0.003 min

Lab File: BN028428.D

Acq: 02 Nov 2023 19:11

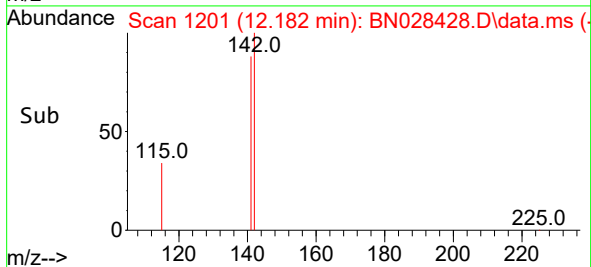
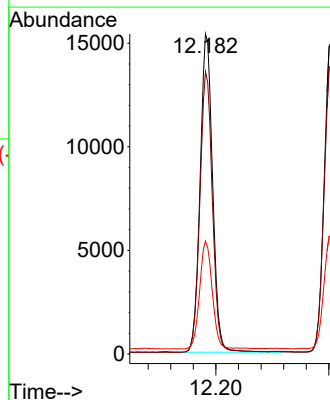
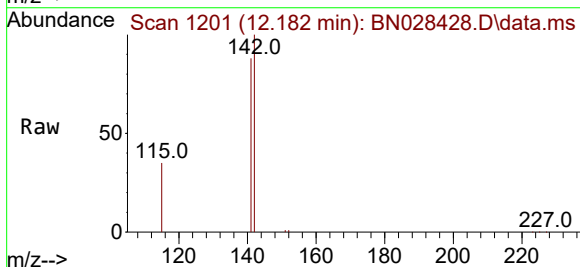
Tgt Ion:142 Resp: 23650

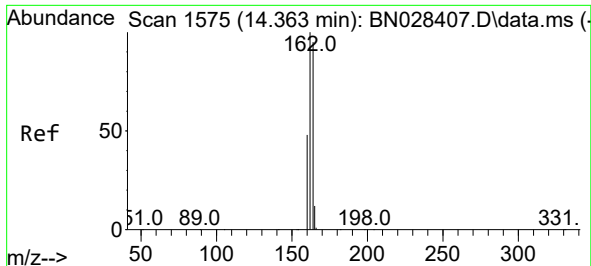
Ion Ratio Lower Upper

142 100

141 88.2 70.7 106.1

115 35.3 27.6 41.4

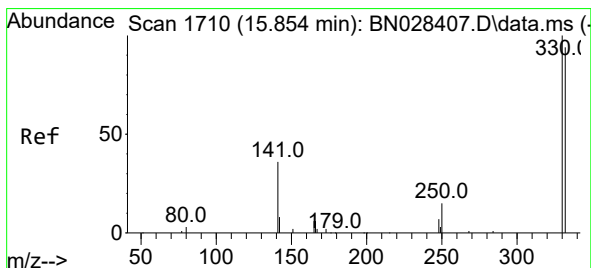
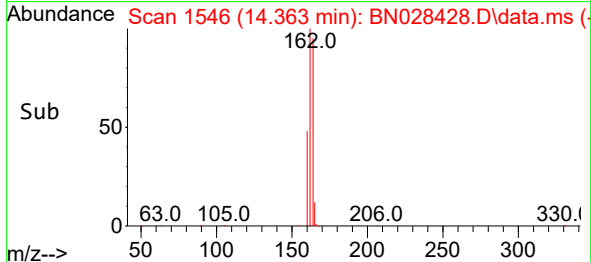
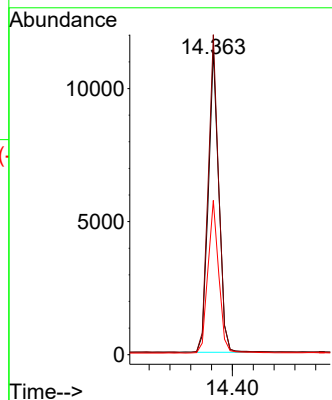
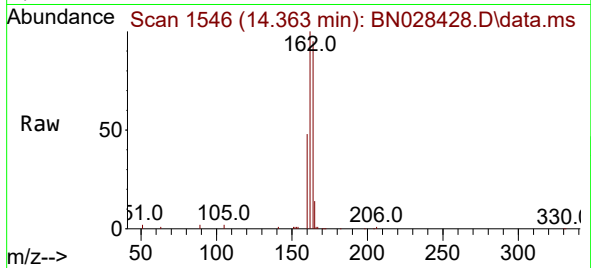




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.363 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BN028428.D
 Acq: 02 Nov 2023 19:11

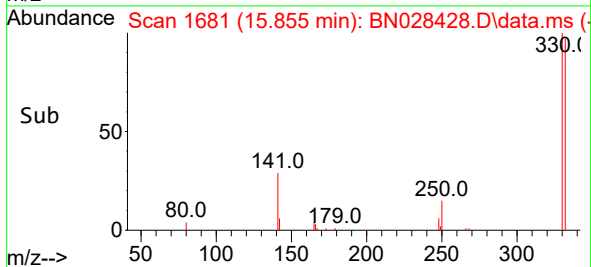
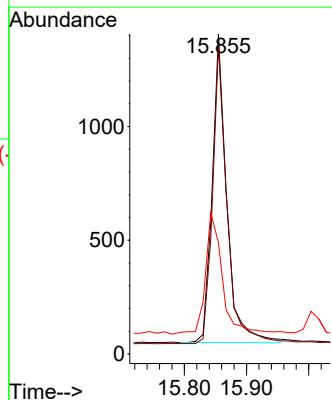
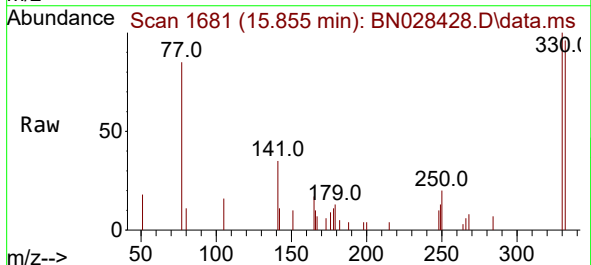
Instrument :
 BNA_N
 ClientSampleId :
 PB156693BS

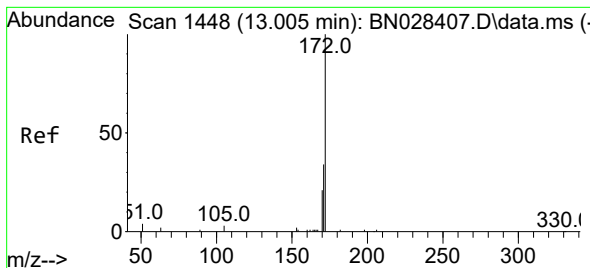
Tgt Ion:164 Resp: 15843
 Ion Ratio Lower Upper
 164 100
 162 105.0 84.6 127.0
 160 50.6 41.3 61.9



#14
 2,4,6-Tribromophenol
 Concen: 0.359 ng
 RT: 15.855 min Scan# 1681
 Delta R.T. 0.001 min
 Lab File: BN028428.D
 Acq: 02 Nov 2023 19:11

Tgt Ion:330 Resp: 2215
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.2
 141 45.5 32.8 49.2

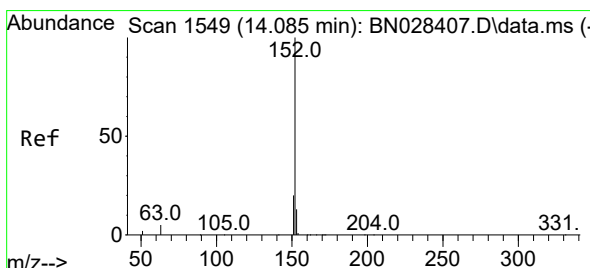
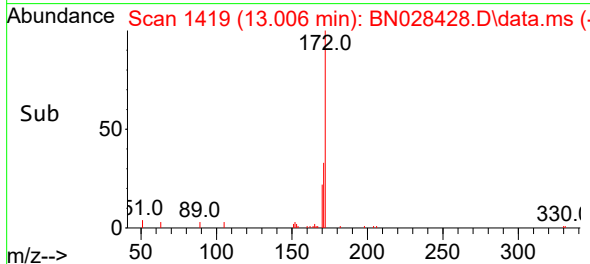
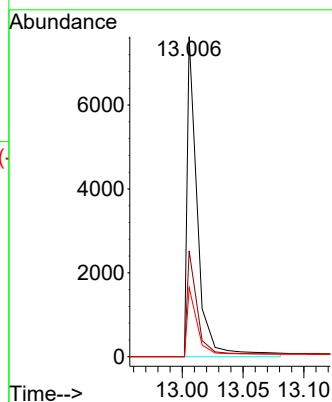
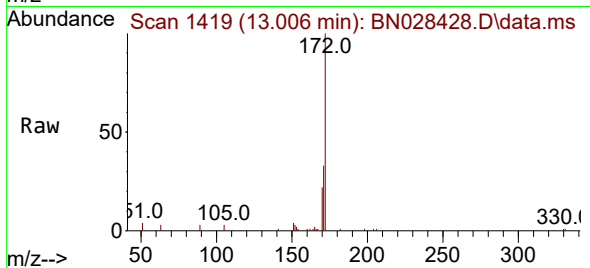




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 13.006 min Scan# 1448
Delta R.T. 0.001 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

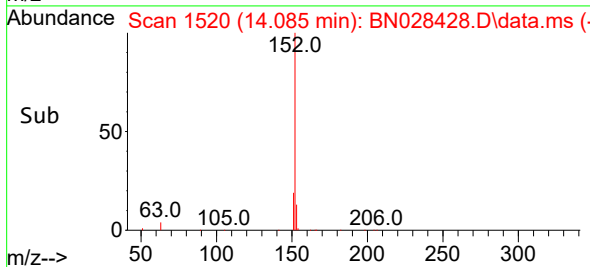
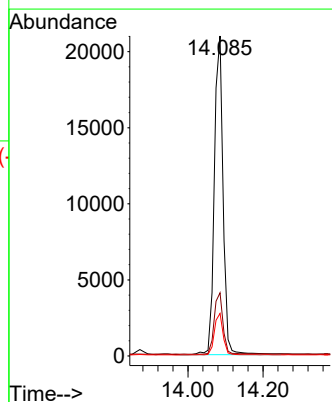
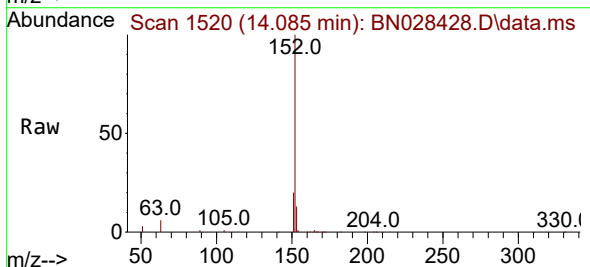
Instrument :
BNA_N
ClientSampleId :
PB156693BS

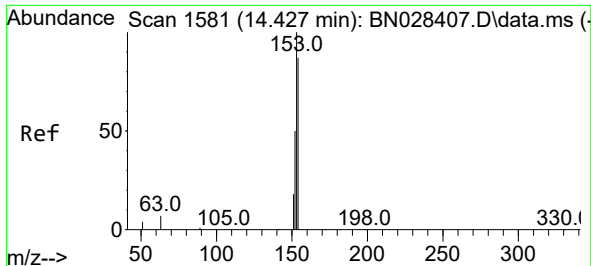
Tgt Ion:172 Resp: 5233
Ion Ratio Lower Upper
172 100
171 33.1 27.2 40.8
170 21.6 17.1 25.7



#16
Acenaphthylene
Concen: 0.435 ng
RT: 14.085 min Scan# 1520
Delta R.T. 0.001 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

Tgt Ion:152 Resp: 34044
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.5 15.7

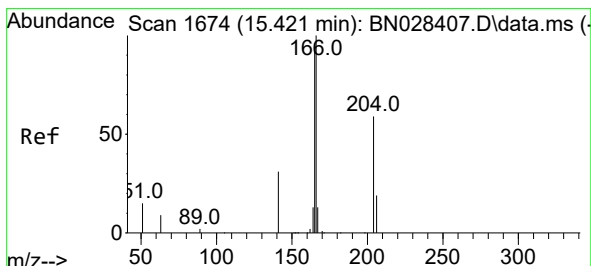
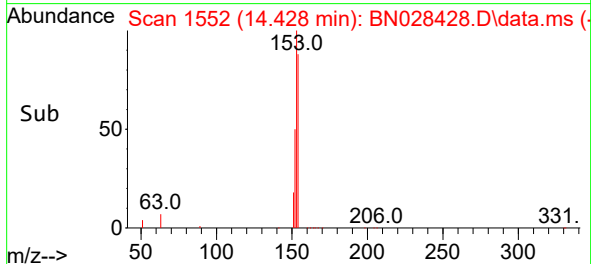
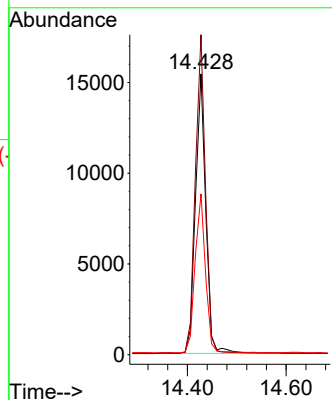
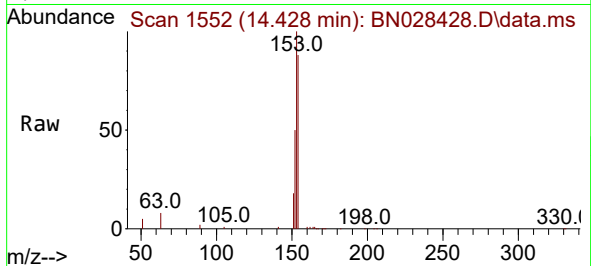




#17
Acenaphthene
Concen: 0.450 ng
RT: 14.428 min Scan# 1581
Delta R.T. 0.001 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

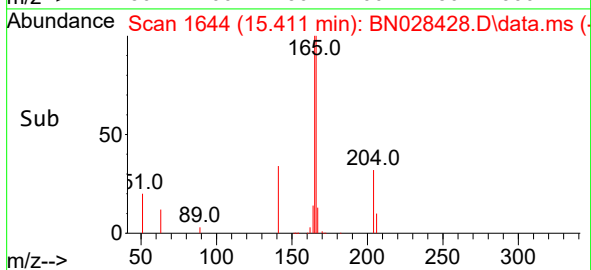
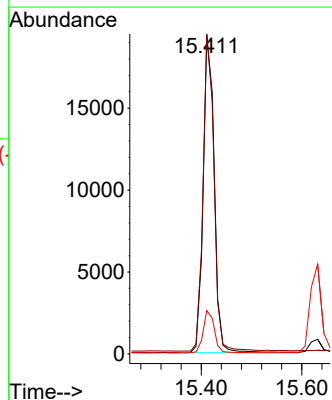
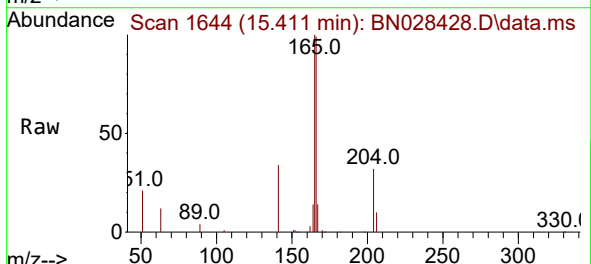
Instrument :
BNA_N
ClientSampleId :
PB156693BS

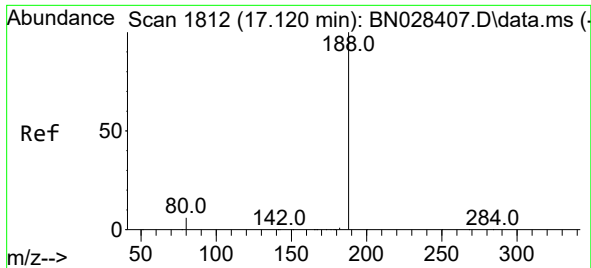
Tgt Ion:154 Resp: 22323
Ion Ratio Lower Upper
154 100
153 112.2 90.5 135.7
152 57.3 45.8 68.6



#18
Fluorene
Concen: 0.452 ng
RT: 15.411 min Scan# 1644
Delta R.T. -0.010 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

Tgt Ion:166 Resp: 30520
Ion Ratio Lower Upper
166 100
165 99.7 79.2 118.8
167 12.9 10.6 16.0

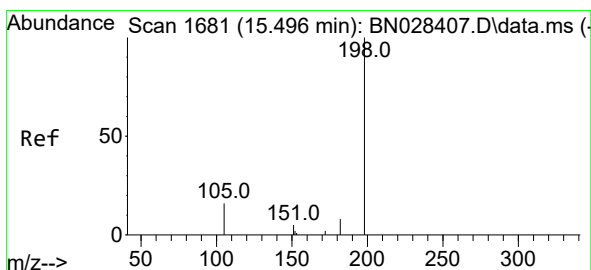
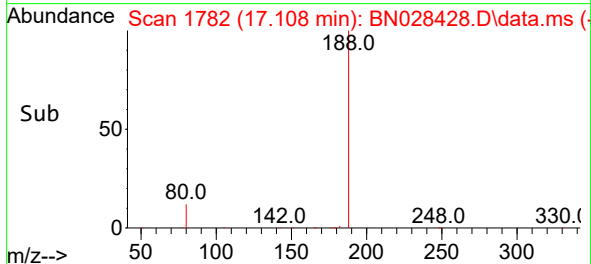
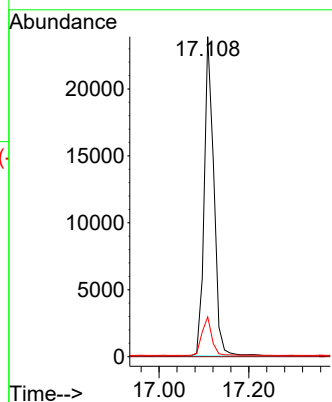
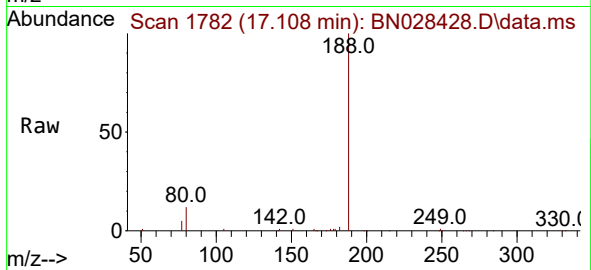




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.108 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

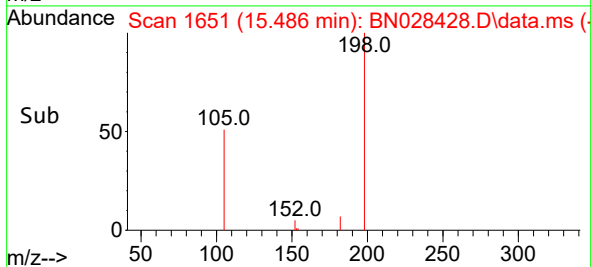
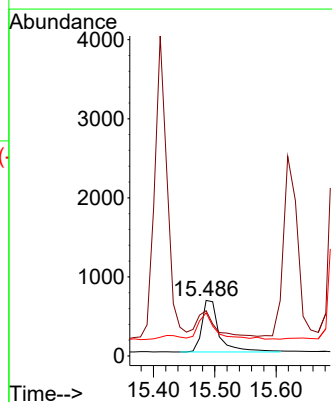
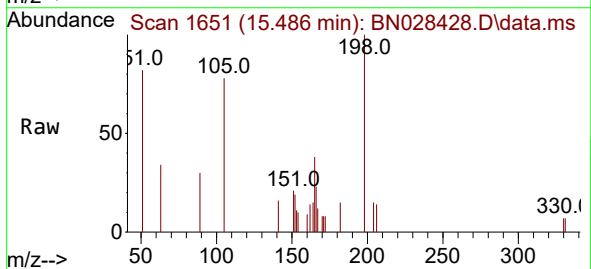
Instrument :
BNA_N
ClientSampleId :
PB156693BS

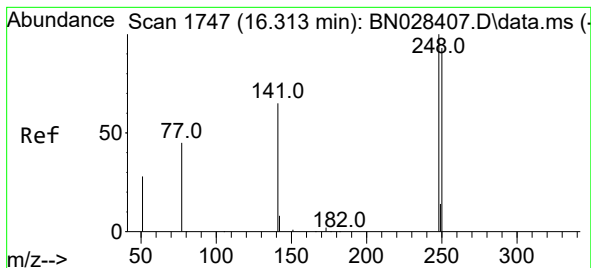
Tgt Ion:188 Resp: 35687
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 5.3 7.9#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.511 ng
RT: 15.486 min Scan# 1651
Delta R.T. -0.010 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

Tgt Ion:198 Resp: 1355
Ion Ratio Lower Upper
198 100
51 81.8 63.3 94.9
105 77.8 50.0 75.0#

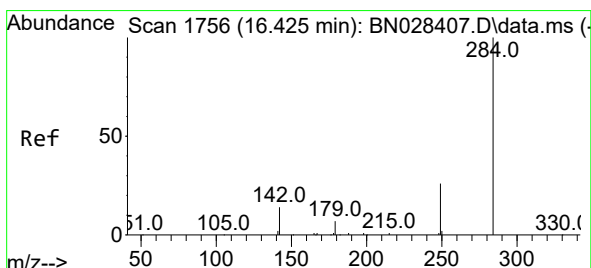
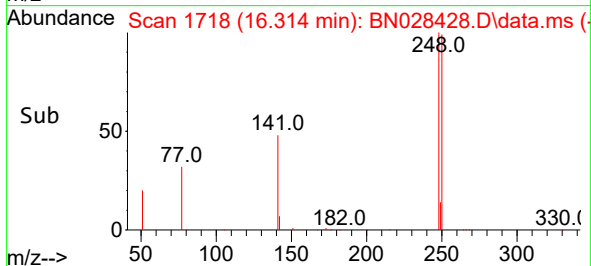
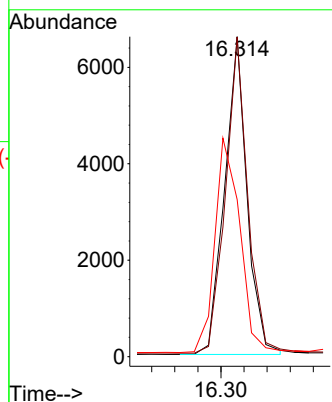
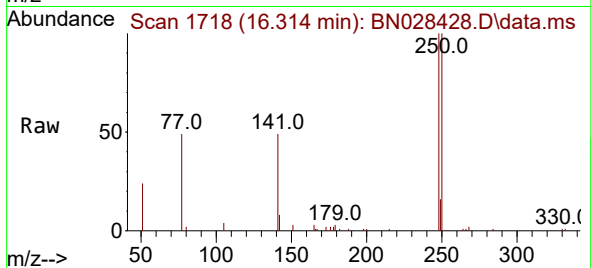




#21
4-Bromophenyl-phenylether
Concen: 0.450 ng
RT: 16.314 min Scan# 1718
Delta R.T. 0.001 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

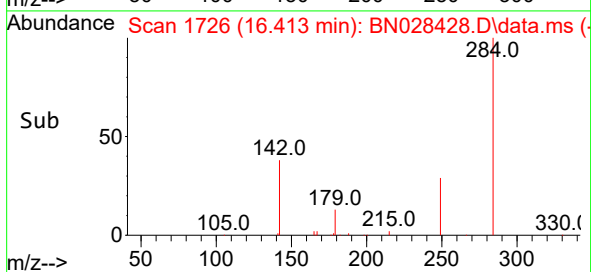
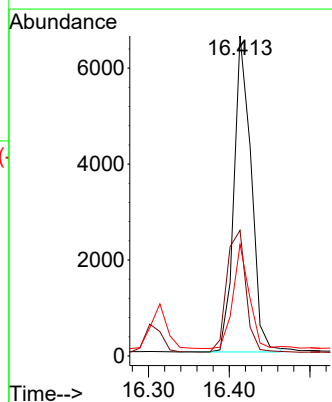
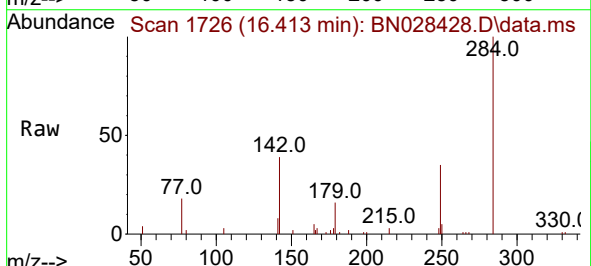
Instrument :
BNA_N
ClientSampleId :
PB156693BS

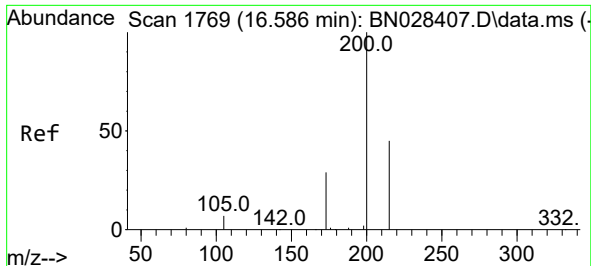
Tgt Ion:248 Resp: 8900
Ion Ratio Lower Upper
248 100
250 99.9 74.6 111.8
141 49.1 53.4 80.2#



#22
Hexachlorobenzene
Concen: 0.467 ng
RT: 16.413 min Scan# 1726
Delta R.T. -0.012 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

Tgt Ion:284 Resp: 9755
Ion Ratio Lower Upper
284 100
142 42.7 31.8 47.6
249 30.7 25.0 37.6

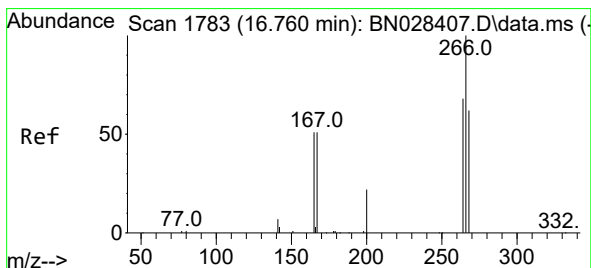
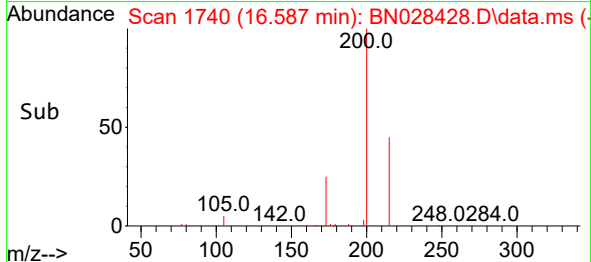
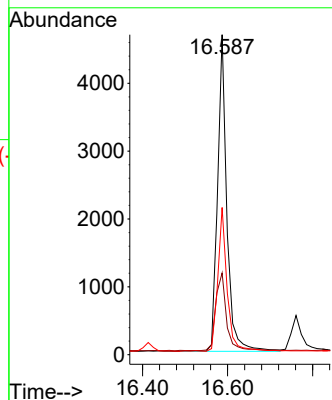
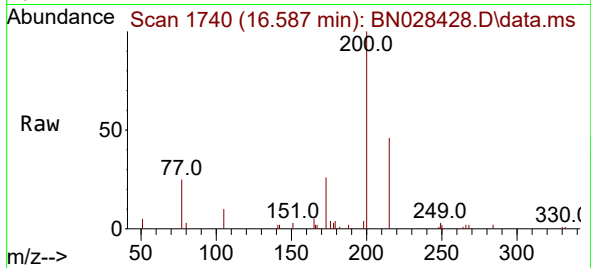




#23
 Atrazine
 Concen: 0.425 ng
 RT: 16.587 min Scan# 1754
 Delta R.T. 0.001 min
 Lab File: BN028428.D
 Acq: 02 Nov 2023 19:11

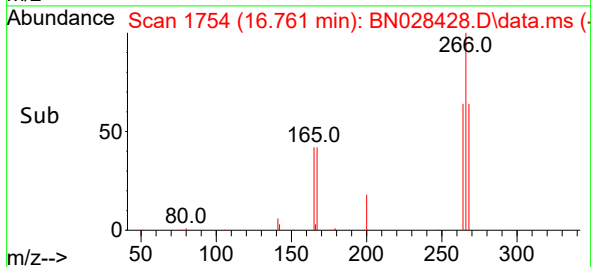
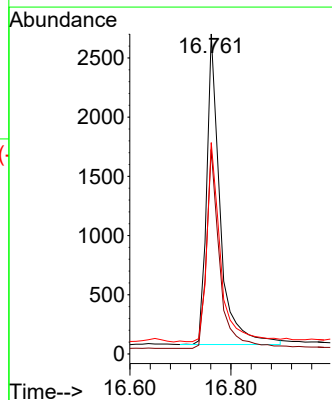
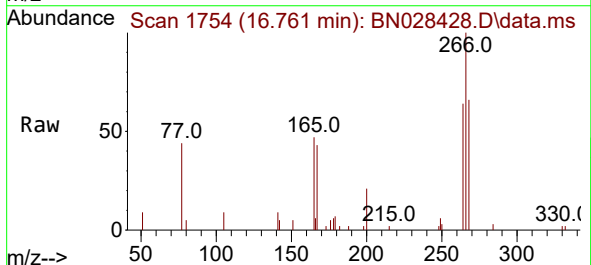
Instrument :
 BNA_N
 ClientSampleId :
 PB156693BS

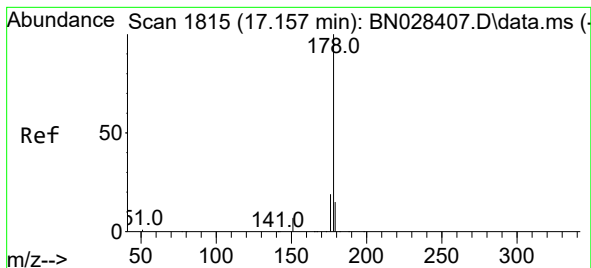
Tgt Ion:200 Resp: 7055
 Ion Ratio Lower Upper
 200 100
 173 25.6 24.3 36.5
 215 46.0 36.2 54.4



#24
 Pentachlorophenol
 Concen: 0.646 ng
 RT: 16.761 min Scan# 1754
 Delta R.T. 0.001 min
 Lab File: BN028428.D
 Acq: 02 Nov 2023 19:11

Tgt Ion:266 Resp: 4862
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.9 76.3
 268 64.9 51.0 76.4





#25

Phenanthrene

Concen: 0.458 ng

RT: 17.146 min Scan# 1793

Delta R.T. -0.012 min

Lab File: BN028428.D

Acq: 02 Nov 2023 19:11

Instrument :

BNA_N

ClientSampleId :

PB156693BS

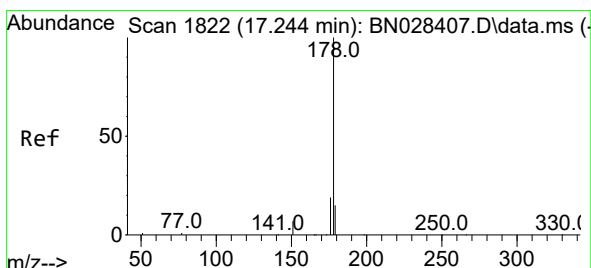
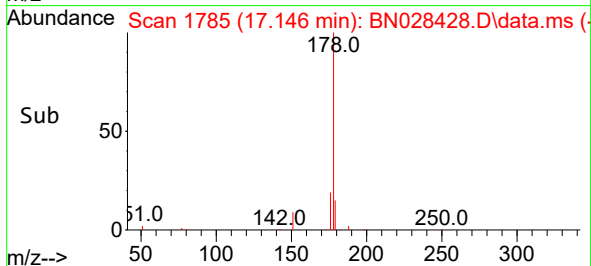
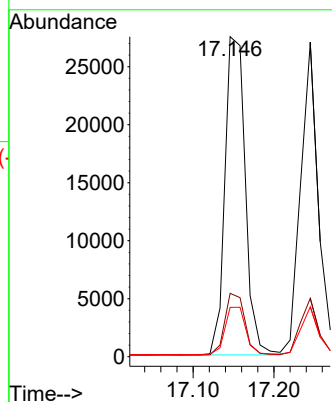
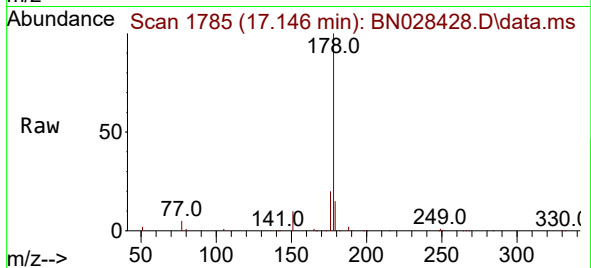
Tgt Ion:178 Resp: 48281

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.3 12.2 18.2



#26

Anthracene

Concen: 0.415 ng

RT: 17.245 min Scan# 1793

Delta R.T. 0.001 min

Lab File: BN028428.D

Acq: 02 Nov 2023 19:11

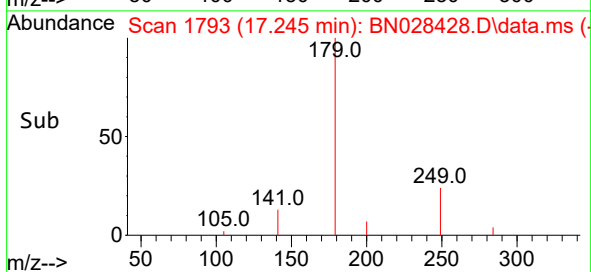
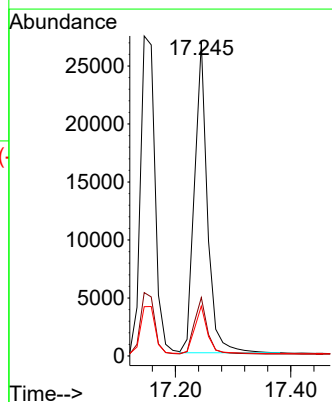
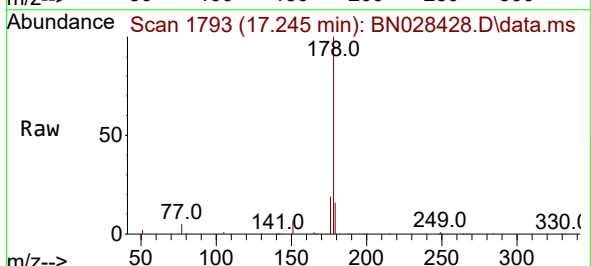
Tgt Ion:178 Resp: 41735

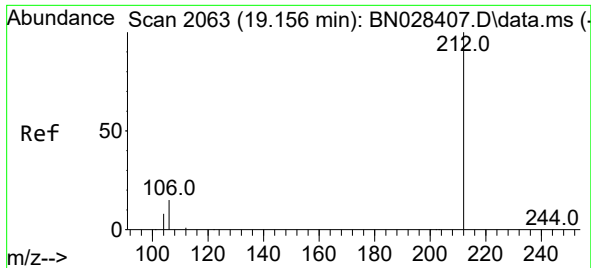
Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

179 15.2 12.2 18.4

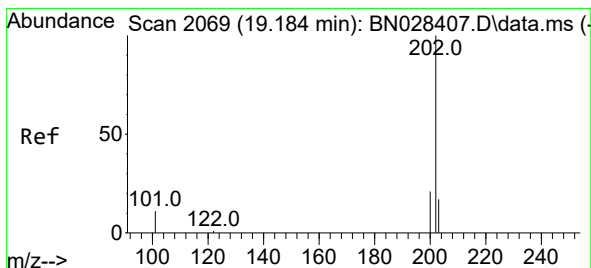
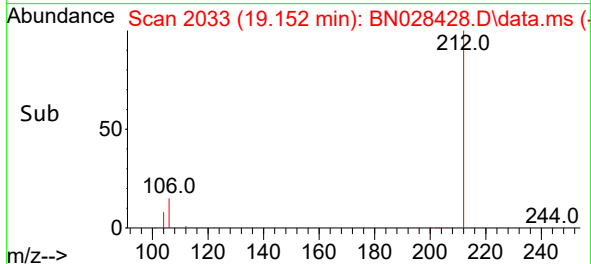
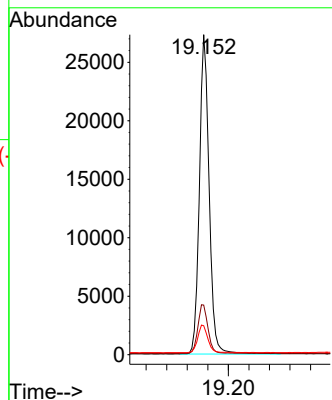
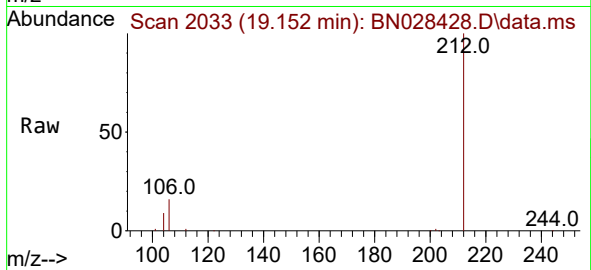




#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.152 min Scan# 2063
Delta R.T. -0.004 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

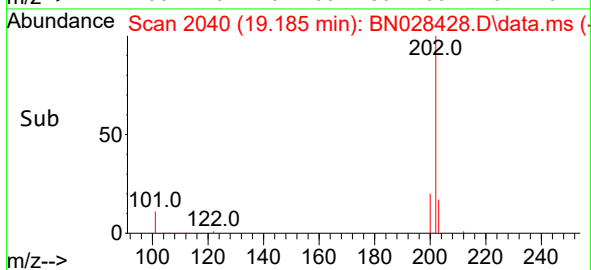
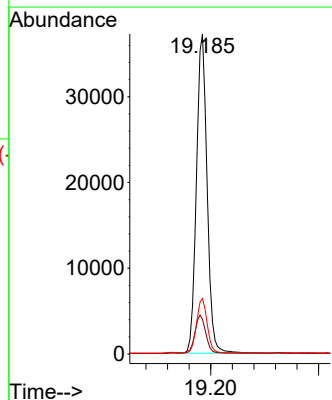
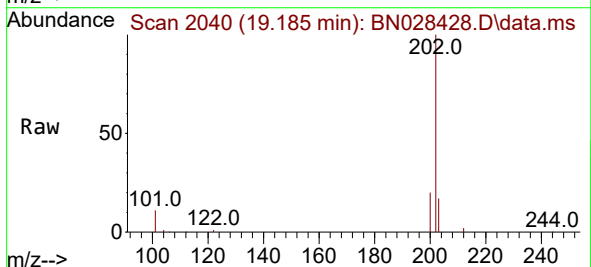
Instrument :
BNA_N
ClientSampleId :
PB156693BS

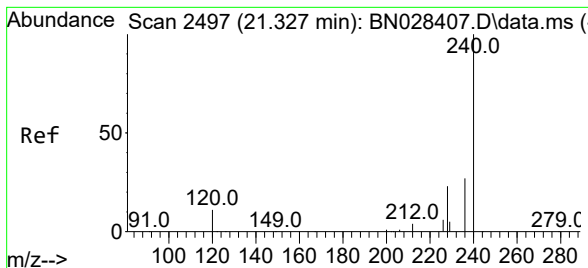
Tgt Ion:212 Resp: 36038
Ion Ratio Lower Upper
212 100
106 16.0 11.9 17.9
104 8.9 6.7 10.1



#28
Fluoranthene
Concen: 0.414 ng
RT: 19.185 min Scan# 2040
Delta R.T. 0.001 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

Tgt Ion:202 Resp: 50948
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
203 16.9 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.319 min Scan# 2497

Delta R.T. -0.008 min

Lab File: BN028428.D

Acq: 02 Nov 2023 19:11

Instrument :

BNA_N

ClientSampleId :

PB156693BS

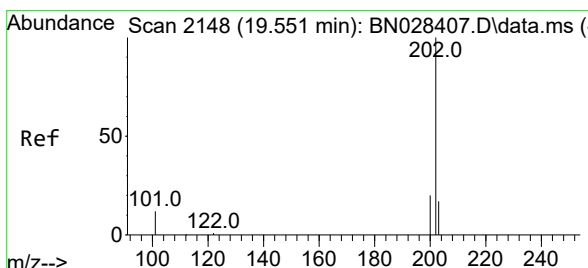
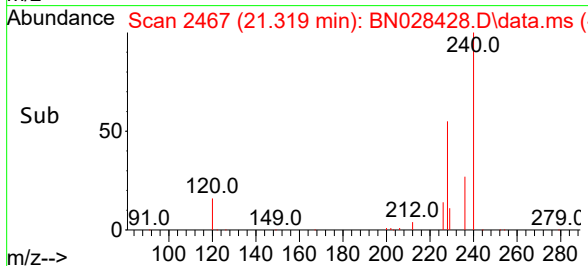
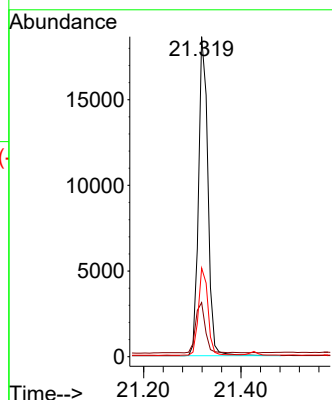
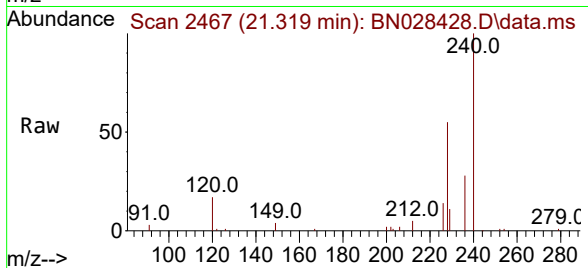
Tgt Ion:240 Resp: 24821

Ion Ratio Lower Upper

240 100

120 16.9 9.8 14.6#

236 27.7 22.2 33.2



#30

Pyrene

Concen: 0.492 ng

RT: 19.547 min Scan# 2118

Delta R.T. -0.004 min

Lab File: BN028428.D

Acq: 02 Nov 2023 19:11

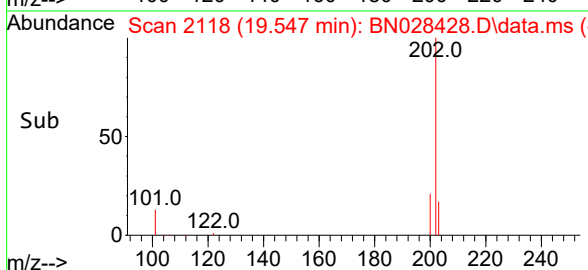
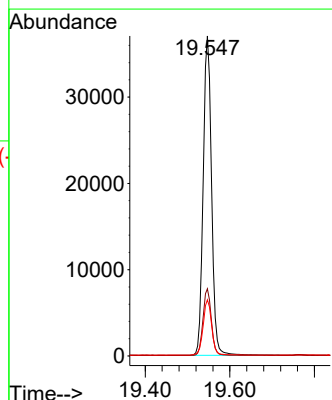
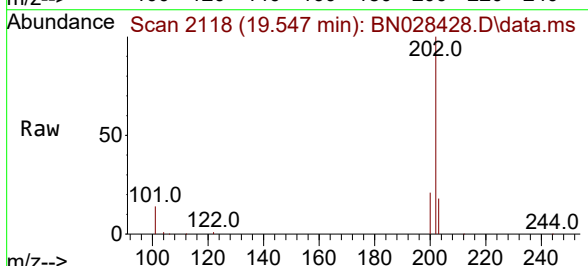
Tgt Ion:202 Resp: 50943

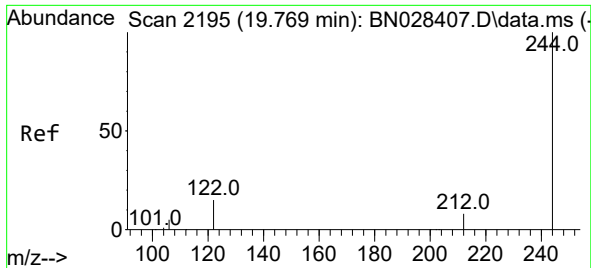
Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

203 17.6 14.2 21.2

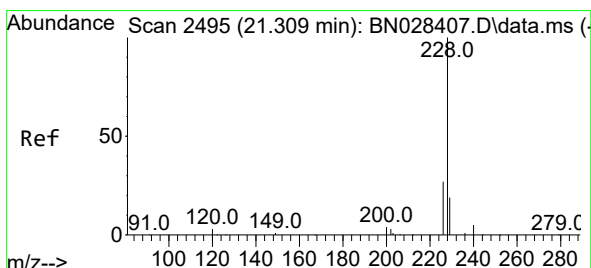
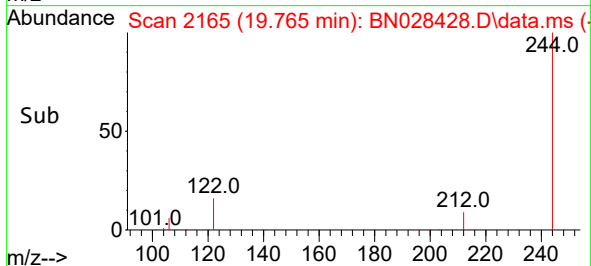
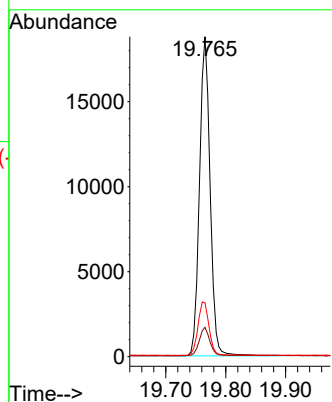
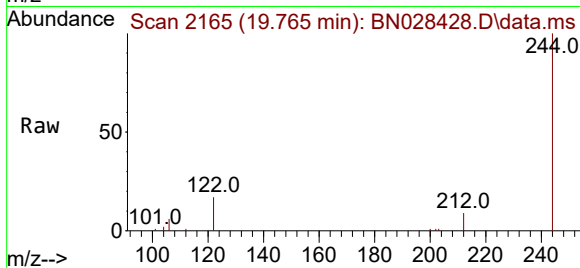




#31
 Terphenyl-d14
 Concen: 0.441 ng
 RT: 19.765 min Scan# 2195
 Delta R.T. -0.004 min
 Lab File: BN028428.D
 Acq: 02 Nov 2023 19:11

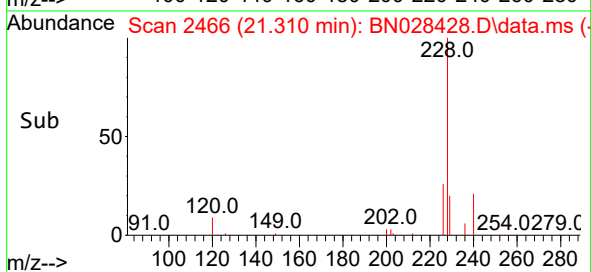
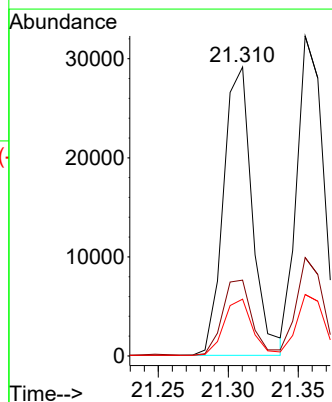
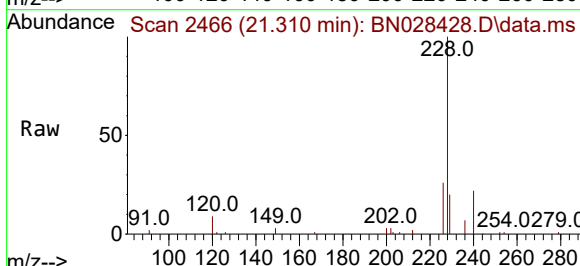
Instrument :
 BNA_N
 ClientSampleId :
 PB156693BS

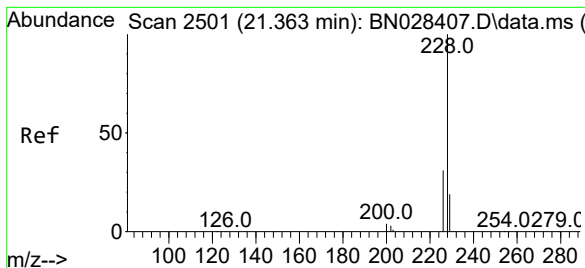
Tgt Ion:244 Resp: 23058
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.6 10.0
 122 16.9 12.6 19.0



#32
 Benzo(a)anthracene
 Concen: 0.424 ng
 RT: 21.310 min Scan# 2466
 Delta R.T. 0.001 min
 Lab File: BN028428.D
 Acq: 02 Nov 2023 19:11

Tgt Ion:228 Resp: 41752
 Ion Ratio Lower Upper
 228 100
 226 26.2 21.8 32.8
 229 19.7 15.5 23.3





#33

Chrysene

Concen: 0.440 ng

RT: 21.355 min Scan# 2461

Delta R.T. -0.008 min

Lab File: BN028428.D

Acq: 02 Nov 2023 19:11

Instrument :

BNA_N

ClientSampleId :

PB156693BS

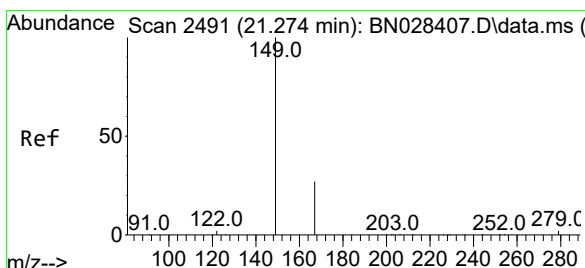
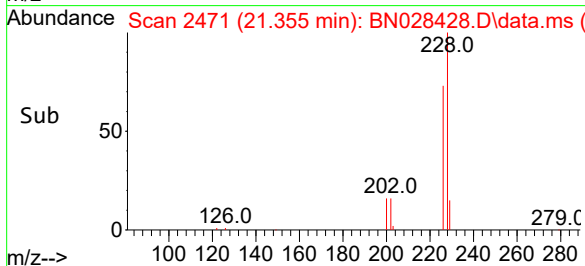
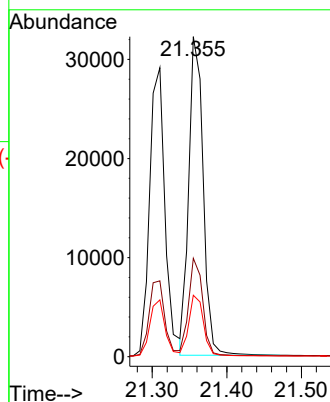
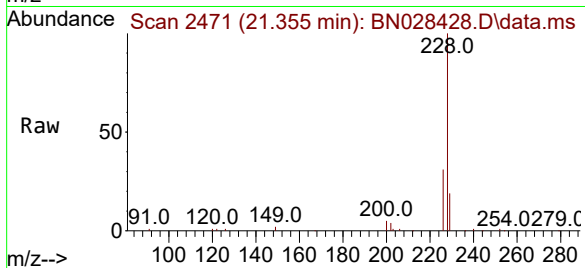
Tgt Ion:228 Resp: 43204

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

229 19.2 15.7 23.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.345 ng

RT: 21.265 min Scan# 2461

Delta R.T. -0.009 min

Lab File: BN028428.D

Acq: 02 Nov 2023 19:11

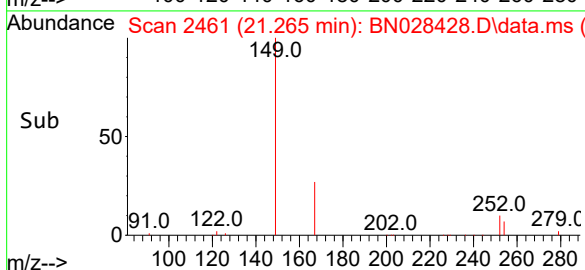
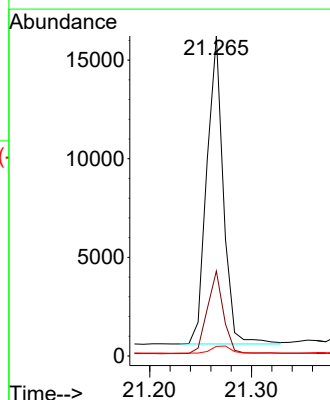
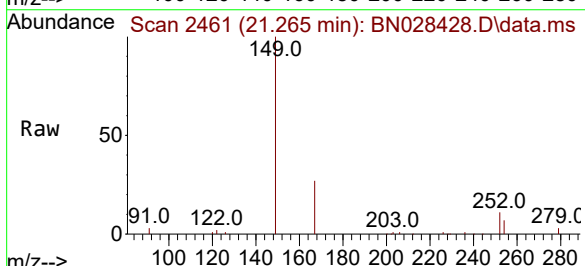
Tgt Ion:149 Resp: 17588

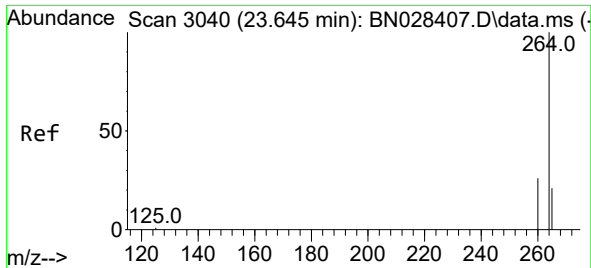
Ion Ratio Lower Upper

149 100

167 26.3 21.4 32.0

279 2.8 2.3 3.5

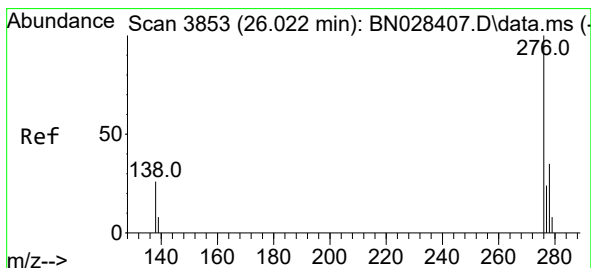
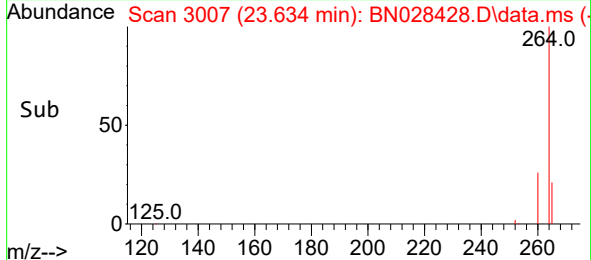
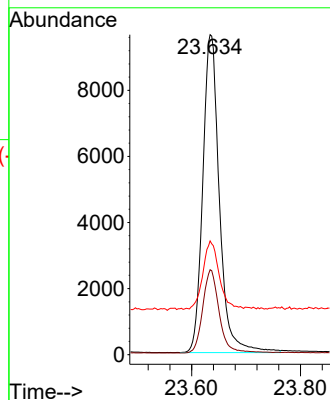
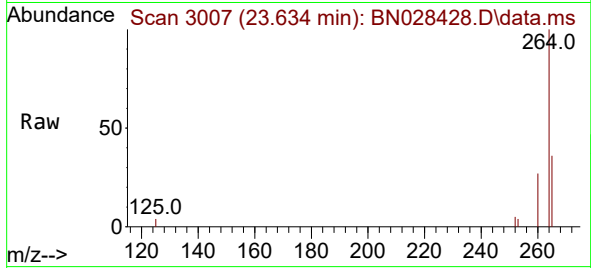




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.634 min Scan# 3040
Delta R.T. -0.011 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

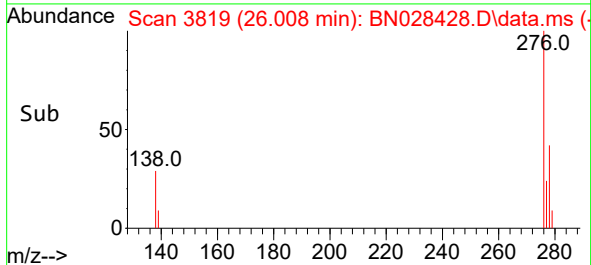
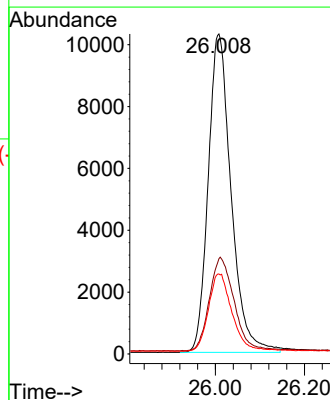
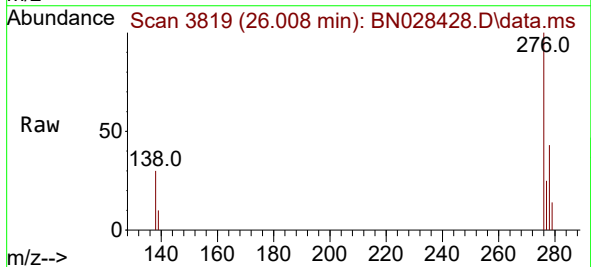
Instrument :
BNA_N
ClientSampleId :
PB156693BS

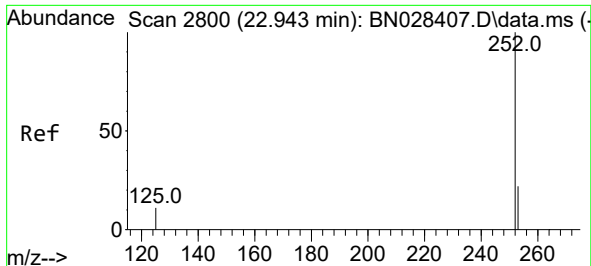
Tgt Ion:264 Resp: 20378
Ion Ratio Lower Upper
264 100
260 26.5 20.8 31.2
265 35.5 21.7 32.5#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.504 ng
RT: 26.008 min Scan# 3819
Delta R.T. -0.014 min
Lab File: BN028428.D
Acq: 02 Nov 2023 19:11

Tgt Ion:276 Resp: 36753
Ion Ratio Lower Upper
276 100
138 31.2 24.1 36.1
277 24.9 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.555 ng

RT: 22.935 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN028428.D

Acq: 02 Nov 2023 19:11

Instrument :

BNA_N

ClientSampleId :

PB156693BS

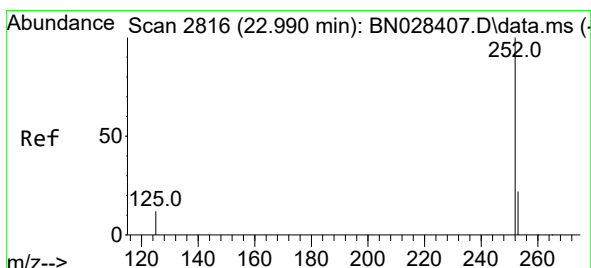
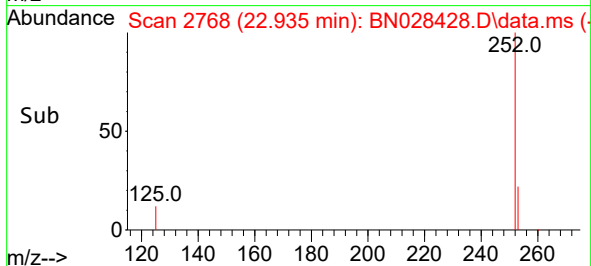
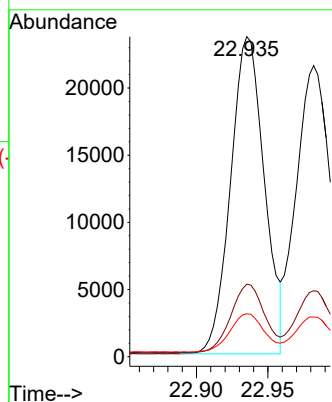
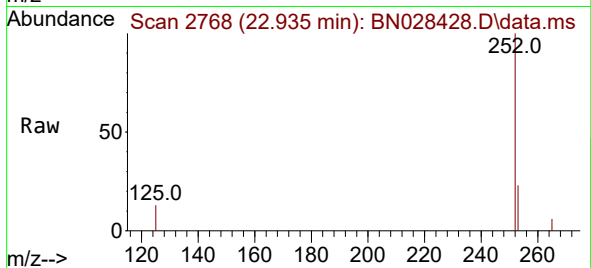
Tgt Ion:252 Resp: 38779

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

125 13.4 10.0 15.0



#38

Benzo(k)fluoranthene

Concen: 0.463 ng

RT: 22.982 min Scan# 2784

Delta R.T. -0.008 min

Lab File: BN028428.D

Acq: 02 Nov 2023 19:11

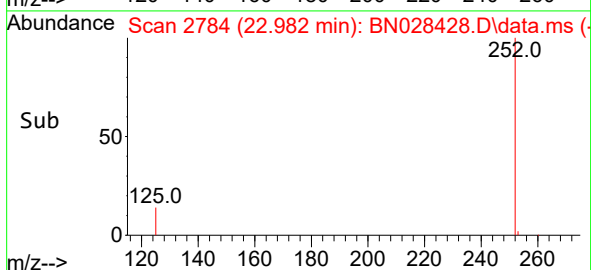
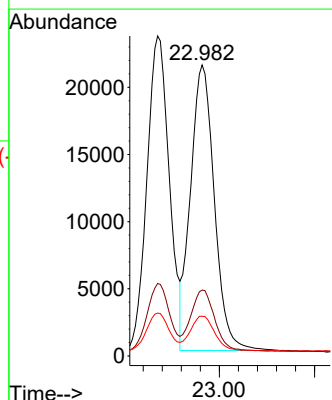
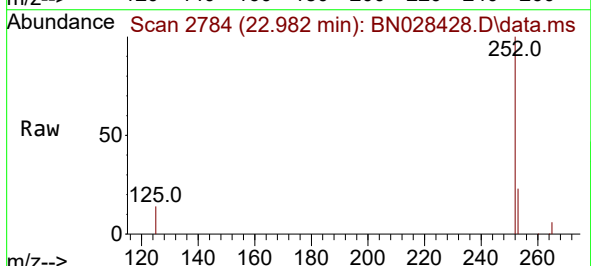
Tgt Ion:252 Resp: 36944

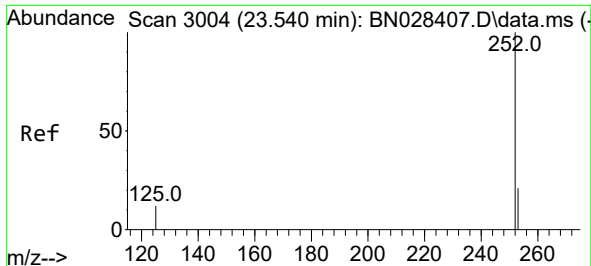
Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 13.7 10.2 15.2





#39

Benzo(a)pyrene

Concen: 0.402 ng

RT: 23.532 min Scan# 2972

Delta R.T. -0.008 min

Lab File: BN028428.D

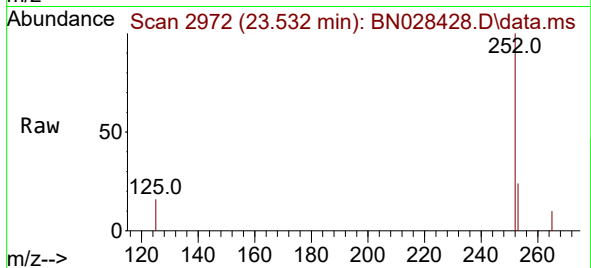
Acq: 02 Nov 2023 19:11

Instrument :

BNA_N

ClientSampleId :

PB156693BS



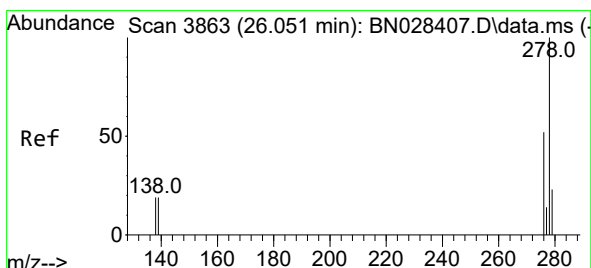
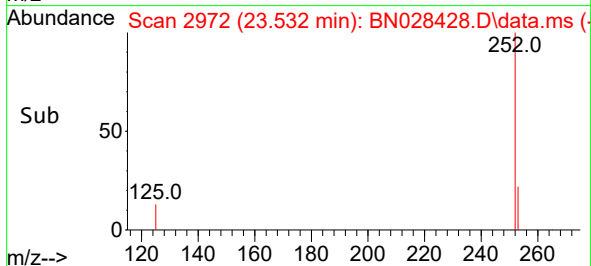
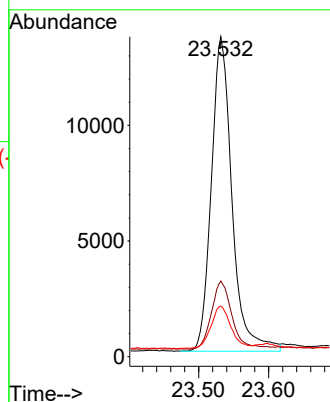
Tgt Ion:252 Resp: 27902

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 15.8 11.0 16.6



#40

Dibenzo(a,h)anthracene

Concen: 0.456 ng

RT: 26.034 min Scan# 3828

Delta R.T. -0.017 min

Lab File: BN028428.D

Acq: 02 Nov 2023 19:11

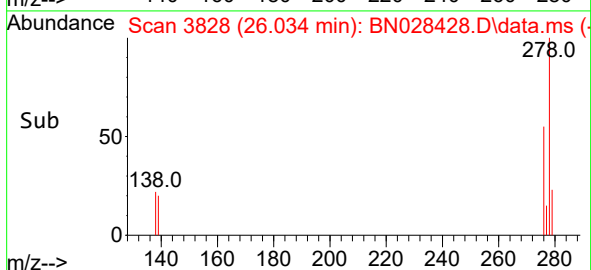
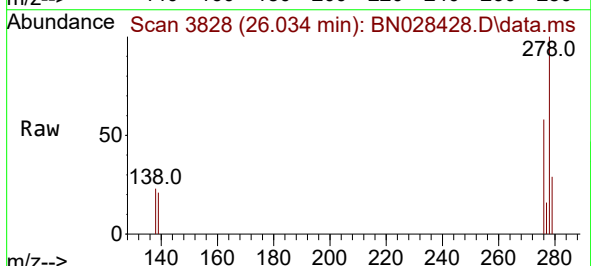
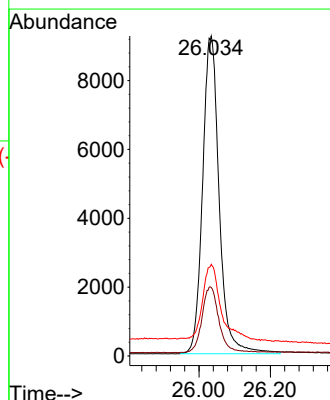
Tgt Ion:278 Resp: 29730

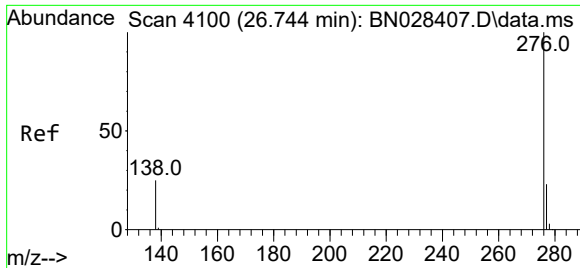
Ion Ratio Lower Upper

278 100

139 21.4 15.8 23.8

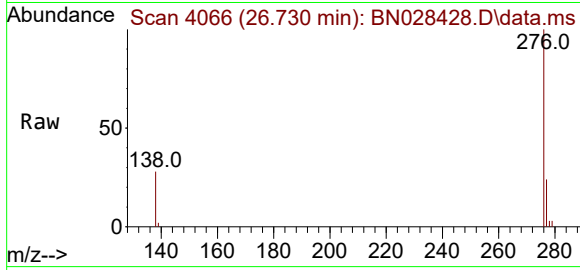
279 28.6 19.7 29.5





#41
 Benzo(g,h,i)perylene
 Concen: 0.450 ng
 RT: 26.730 min Scan# 4066
 Delta R.T. -0.014 min
 Lab File: BN028428.D
 Acq: 02 Nov 2023 19:11

Instrument :
 BNA_N
 ClientSampleId :
 PB156693BS



Tgt Ion:276 Resp: 31379
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.0 28.4
 138 27.9 21.1 31.7

