

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
 Data File : BN028923.D
 Acq On : 30 Nov 2023 23:23
 Operator : MA/JU
 Sample : 05350-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20231107

Quant Time: Dec 01 00:30:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:28:34 2023
 Response via : Initial Calibration

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

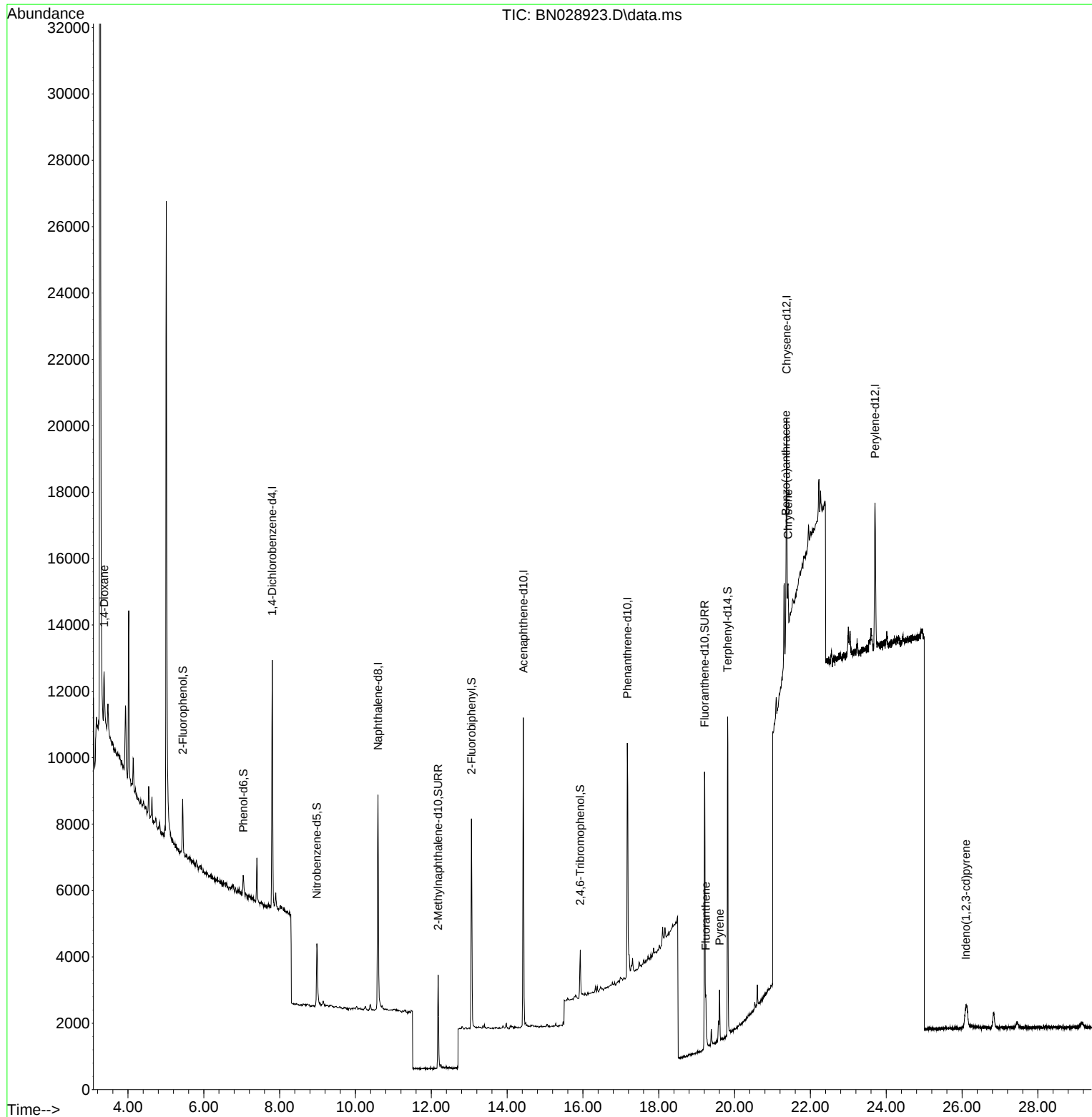
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3659	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	9219	0.400	ng	0.00
13) Acenaphthene-d10	14.428	164	5114	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	10651	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	6435	0.400	ng	# 0.00
35) Perylene-d12	23.705	264	6258	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	1239	0.112	ng	0.00
5) Phenol-d6	7.045	99	641	0.052	ng	0.00
8) Nitrobenzene-d5	8.982	82	2055	0.224	ng	0.00
11) 2-Methylnaphthalene-d10	12.181	152	3935	0.266	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	873	0.253	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	5406	0.245	ng	-0.01
27) Fluoranthene-d10	19.209	212	10002	0.357	ng	0.00
31) Terphenyl-d14	19.817	244	9673	0.481	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	1272	0.355	ng	# 78
28) Fluoranthene	19.241	202	1359	0.037	ng	95
30) Pyrene	19.603	202	1357	0.122	ng	# 95
32) Benzo(a)anthracene	21.356	228	1265	0.046	ng	# 89
33) Chrysene	21.409	228	1214	0.045	ng	# 85
36) Indeno(1,2,3-cd)pyrene	26.102	276	1202	0.044	ng	# 77

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028923.D
Acq On : 30 Nov 2023 23:23
Operator : MA/JU
Sample : 05350-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

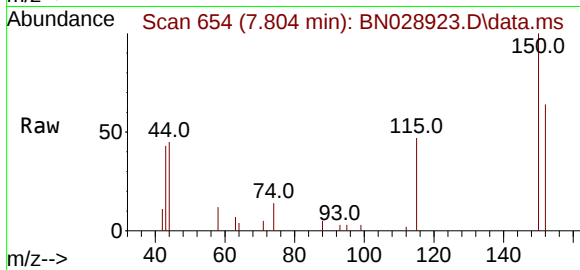
Quant Time: Dec 01 00:30:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
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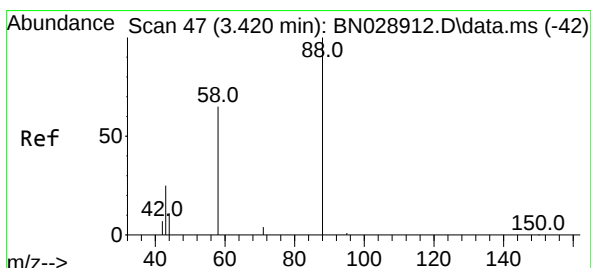
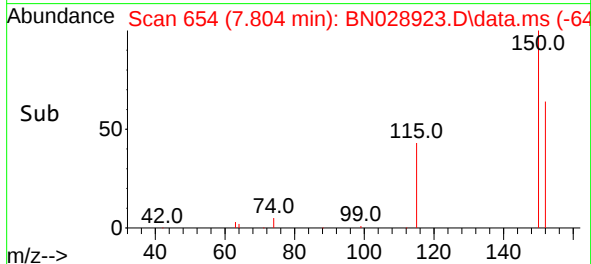
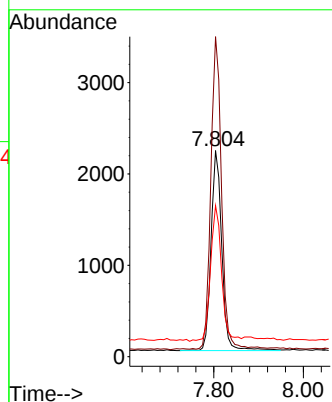
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN028923.D
 Acq: 30 Nov 2023 23:23

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20231107



Tgt Ion:152 Resp: 3659

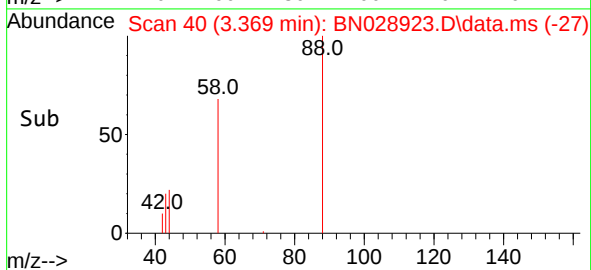
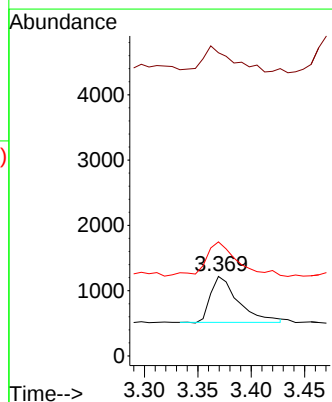
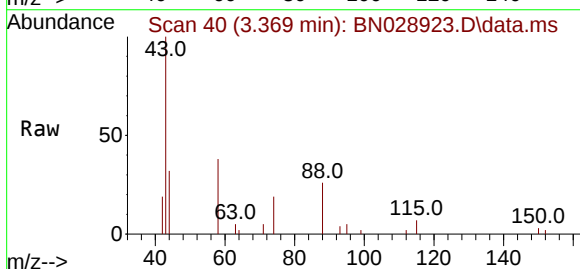
Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.4	185.2
115	73.3	59.1	88.7



#2
 1,4-Dioxane
 Concen: 0.355 ng
 RT: 3.369 min Scan# 40
 Delta R.T. -0.007 min
 Lab File: BN028923.D
 Acq: 30 Nov 2023 23:23

Tgt Ion: 88 Resp: 1272

Ion	Ratio	Lower	Upper
88	100		
43	54.1	29.9	44.9#
58	84.2	55.0	82.4#





#4

2-Fluorophenol

Concen: 0.112 ng

RT: 5.442 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

Instrument :

BNA_N

ClientSampleId :

RE117D1-20231107

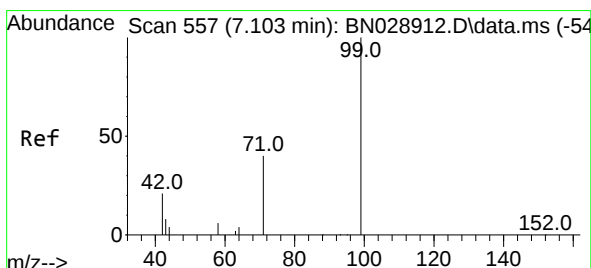
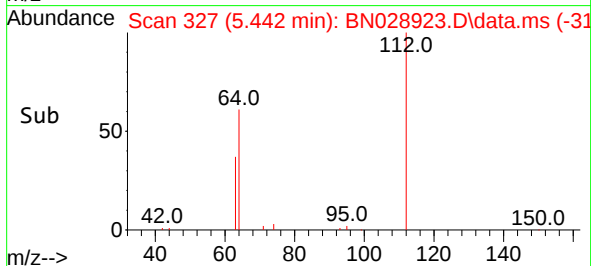
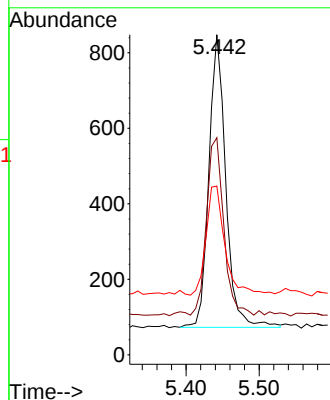
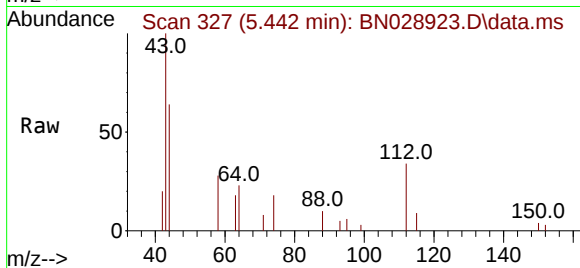
Tgt Ion:112 Resp: 1239

Ion Ratio Lower Upper

112 100

64 61.7 51.5 77.3

63 42.2 30.4 45.6



#5

Phenol-d6

Concen: 0.052 ng

RT: 7.045 min Scan# 549

Delta R.T. -0.000 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

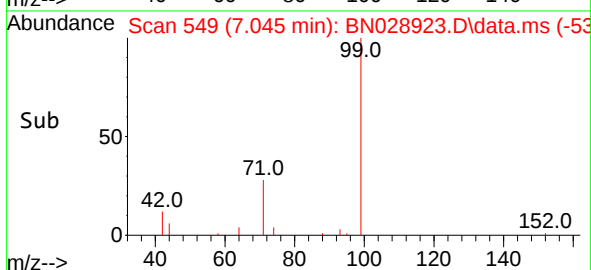
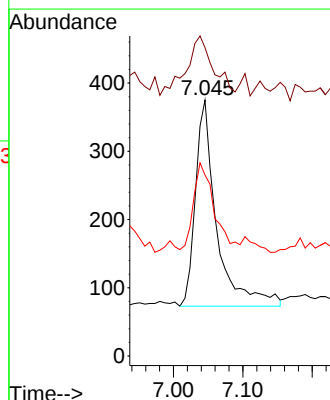
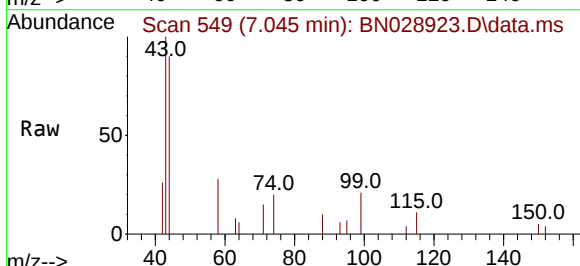
Tgt Ion: 99 Resp: 641

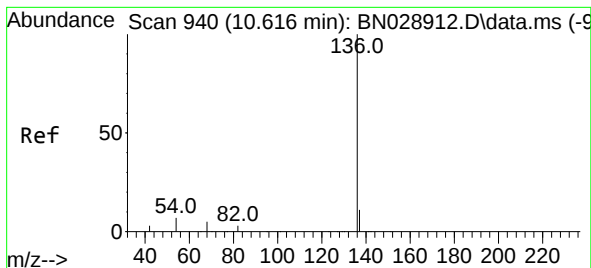
Ion Ratio Lower Upper

99 100

42 36.5 21.2 31.8#

71 43.2 35.4 53.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.594 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

Instrument :

BNA_N

ClientSampleId :

RE117D1-20231107

Tgt Ion:136 Resp: 9219

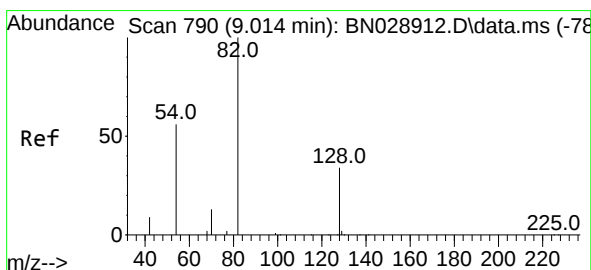
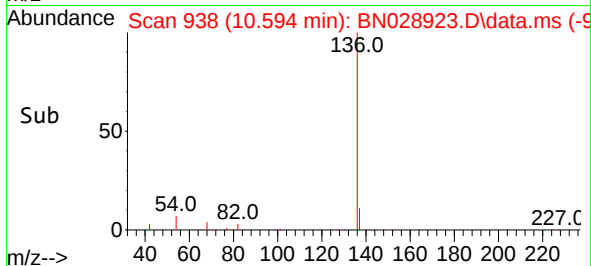
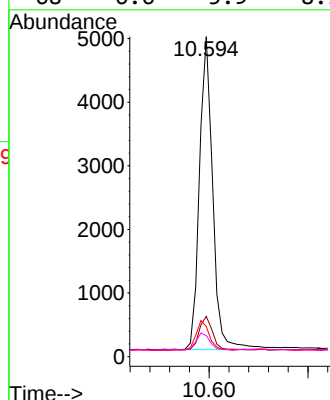
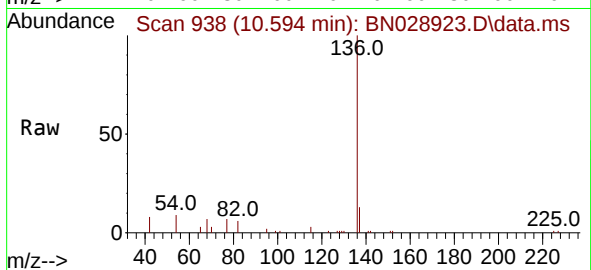
Ion Ratio Lower Upper

136 100

137 12.6 10.6 16.0

54 9.4 7.5 11.3

68 6.6 5.9 8.9



#8

Nitrobenzene-d5

Concen: 0.224 ng

RT: 8.982 min Scan# 787

Delta R.T. -0.000 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

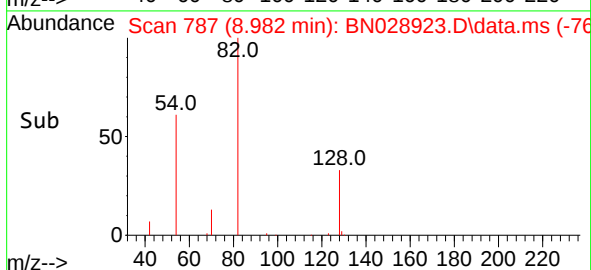
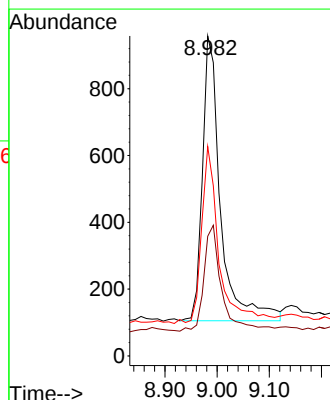
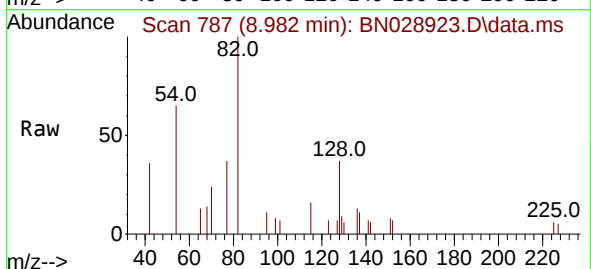
Tgt Ion: 82 Resp: 2055

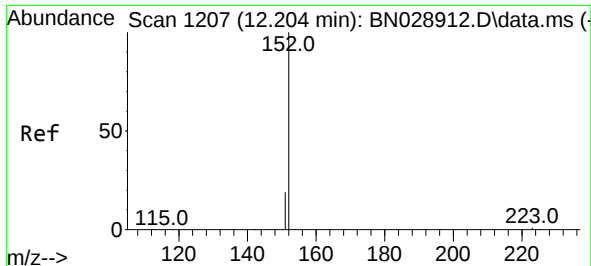
Ion Ratio Lower Upper

82 100

128 37.4 29.2 43.8

54 65.4 47.0 70.6

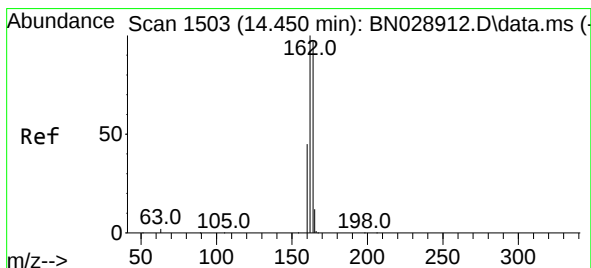
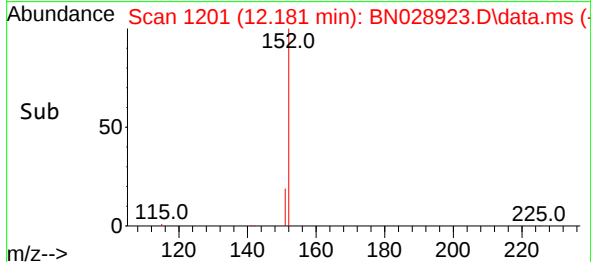
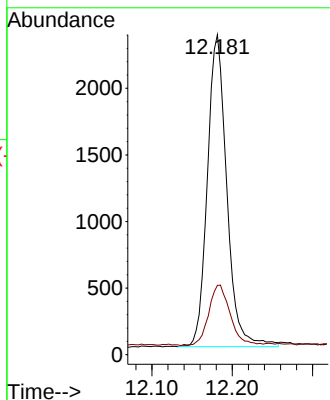
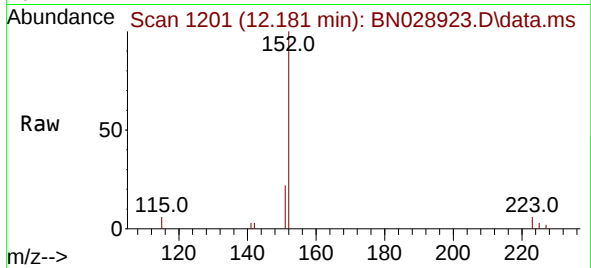




#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.181 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

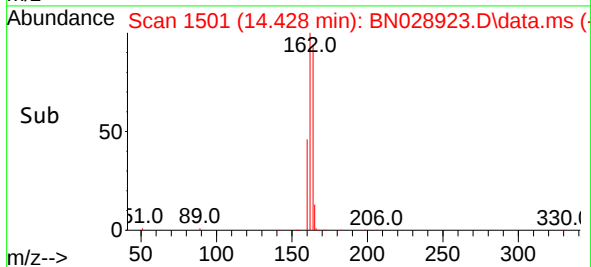
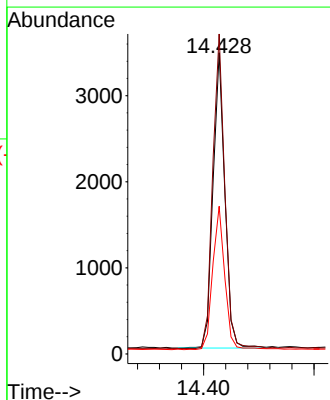
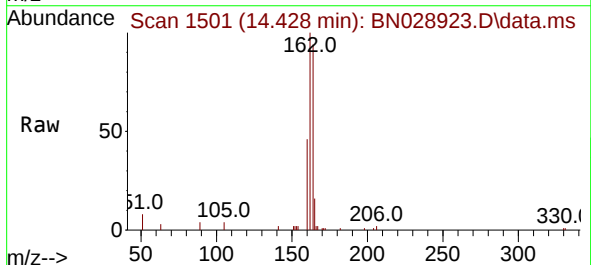
Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

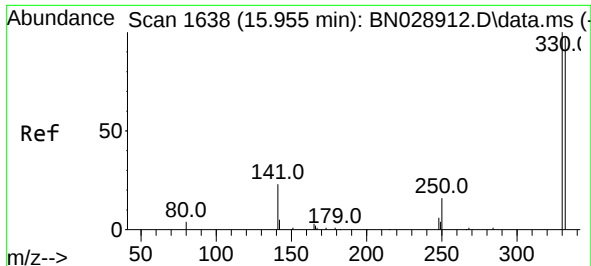
Tgt Ion:152 Resp: 3935
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.428 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion:164 Resp: 5114
Ion Ratio Lower Upper
164 100
162 106.2 81.7 122.5
160 49.0 37.0 55.6

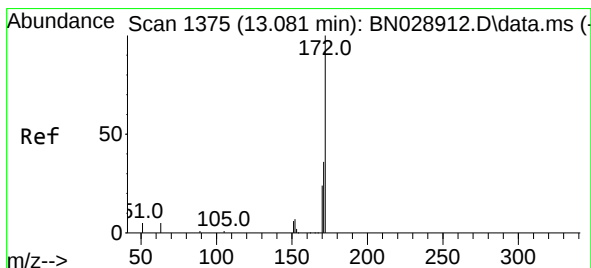
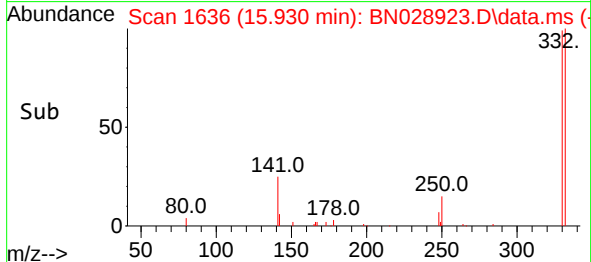
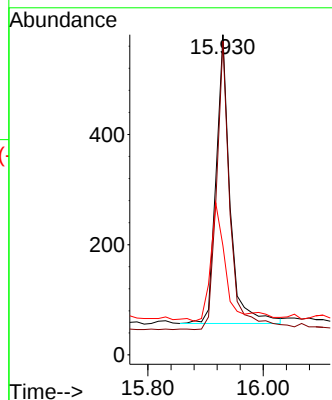
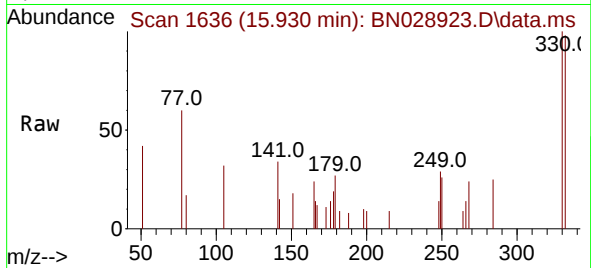




#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.930 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

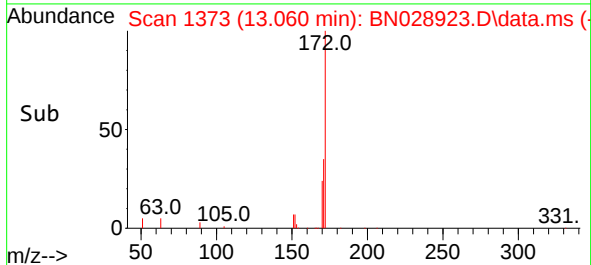
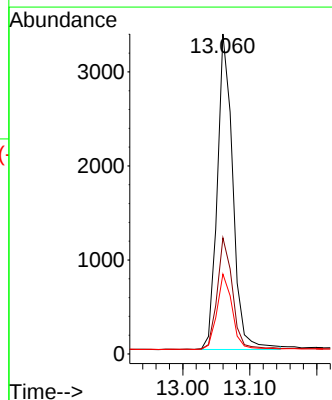
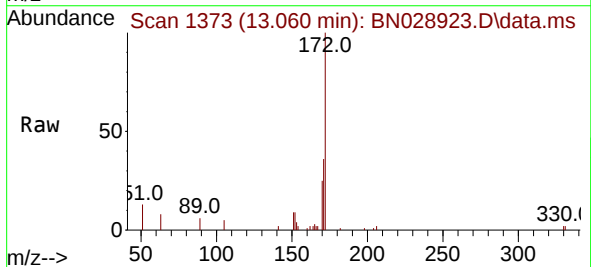
Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

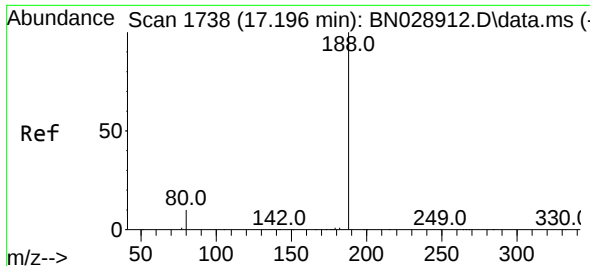
Tgt Ion:330 Resp: 873
Ion Ratio Lower Upper
330 100
332 96.9 75.4 113.2
141 46.3 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.245 ng
RT: 13.060 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion:172 Resp: 5406
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 25.0 19.7 29.5

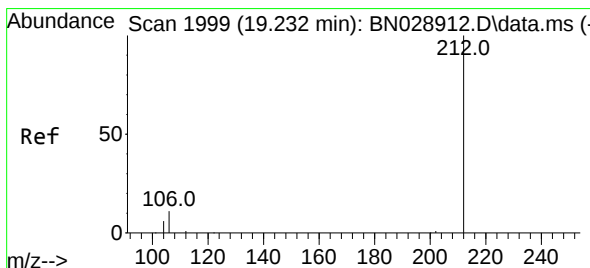
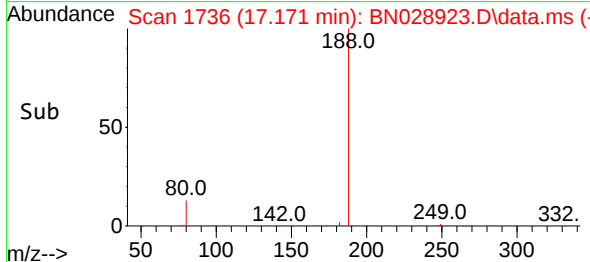
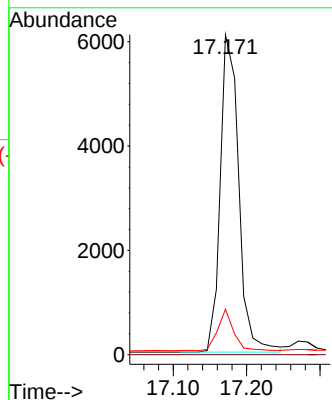
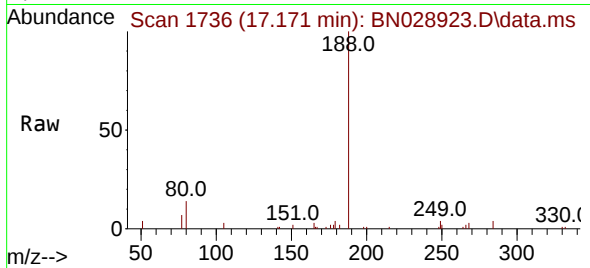




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

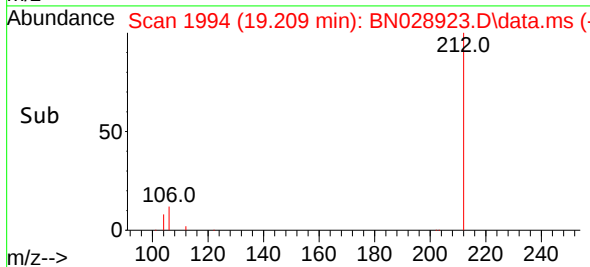
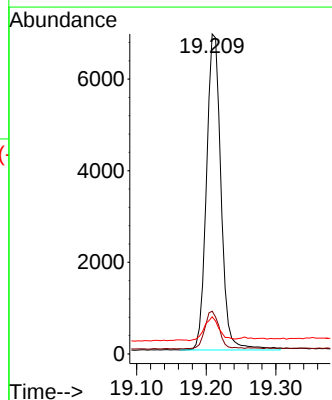
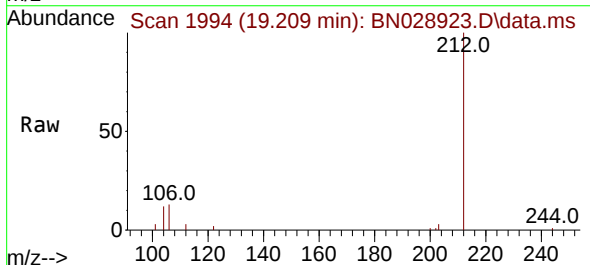
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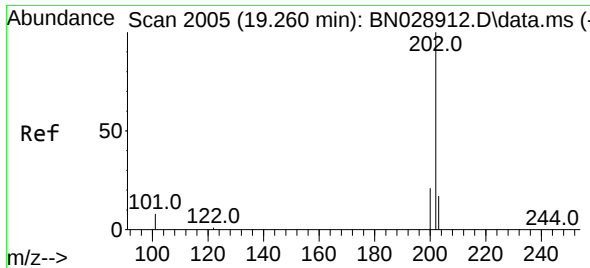
Tgt Ion:188 Resp: 10651
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 9.0 13.6#



#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.209 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion:212 Resp: 10002
Ion Ratio Lower Upper
212 100
106 11.8 9.4 14.2
104 7.7 6.2 9.2

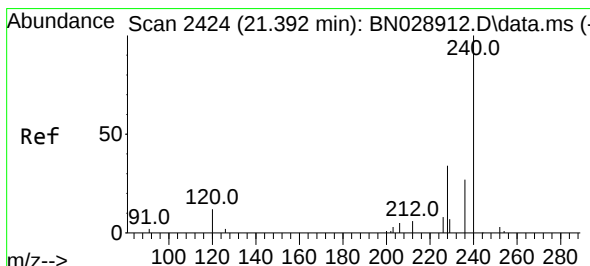
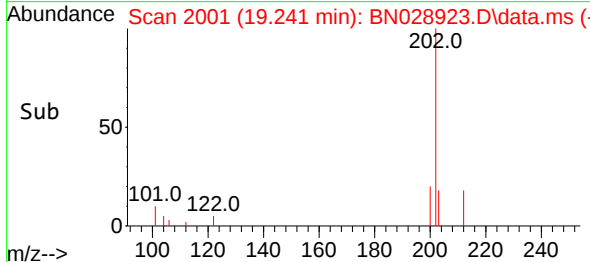
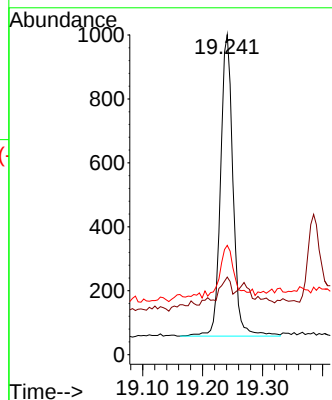
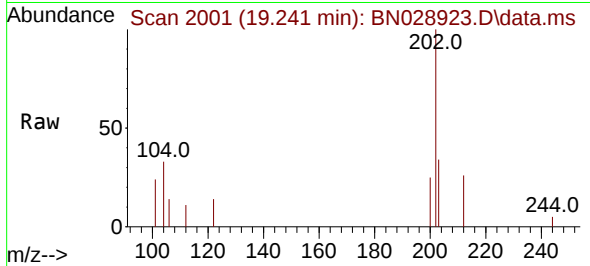




#28
Fluoranthene
Concen: 0.037 ng
RT: 19.241 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

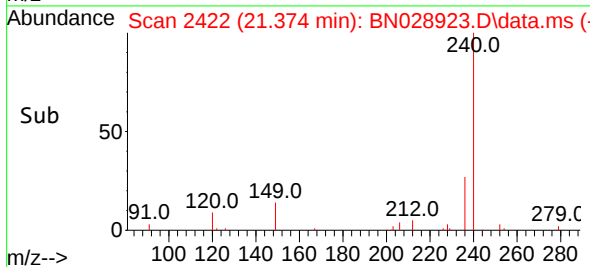
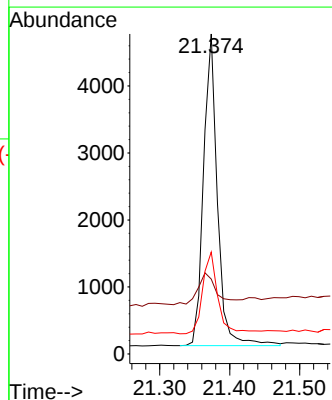
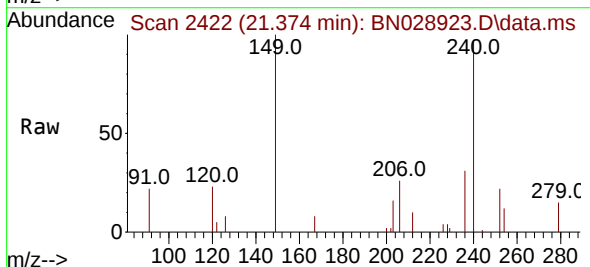
Instrument :
BNA_N
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RE117D1-20231107

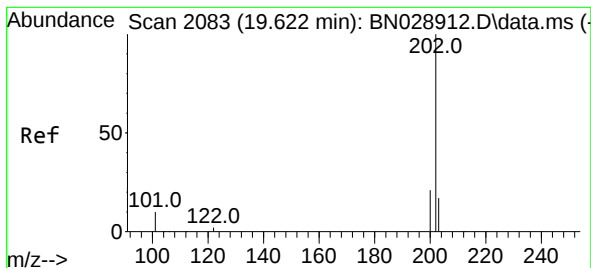
Tgt Ion:202 Resp: 1359
Ion Ratio Lower Upper
202 100
101 7.9 7.3 10.9
203 20.5 14.1 21.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.374 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion:240 Resp: 6435
Ion Ratio Lower Upper
240 100
120 23.4 37.1 55.7#
236 31.8 32.4 48.6#





#30

Pyrene

Concen: 0.122 ng

RT: 19.603 min Scan# 20

Delta R.T. -0.005 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

Instrument :

BNA_N

ClientSampleId :

RE117D1-20231107

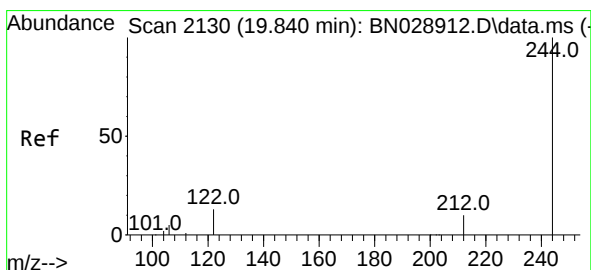
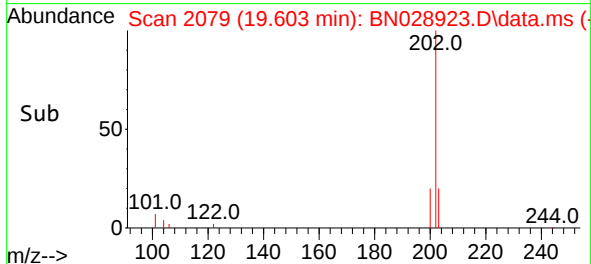
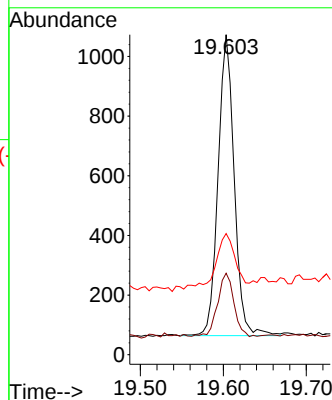
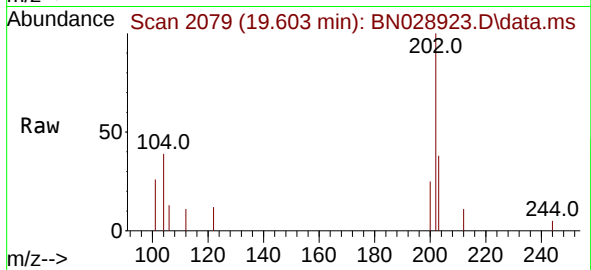
Tgt Ion:202 Resp: 1357

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 22.6 14.8 22.2#



#31

Terphenyl-d14

Concen: 0.481 ng

RT: 19.817 min Scan# 2125

Delta R.T. -0.005 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

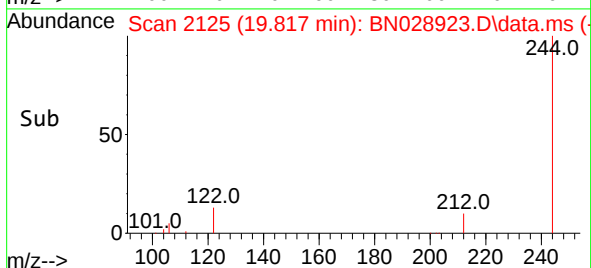
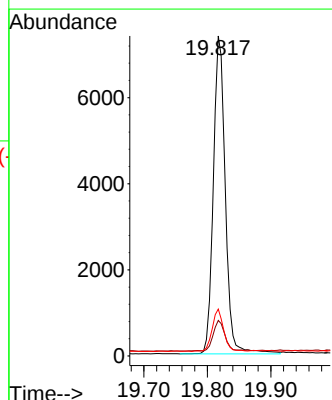
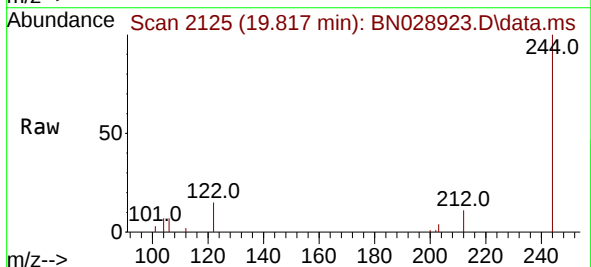
Tgt Ion:244 Resp: 9673

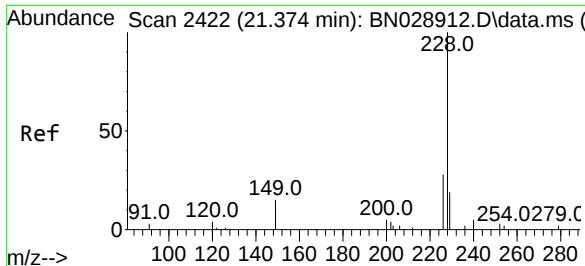
Ion Ratio Lower Upper

244 100

212 11.1 11.5 17.3#

122 14.7 13.2 19.8

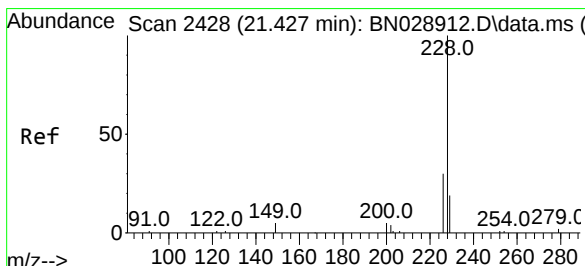
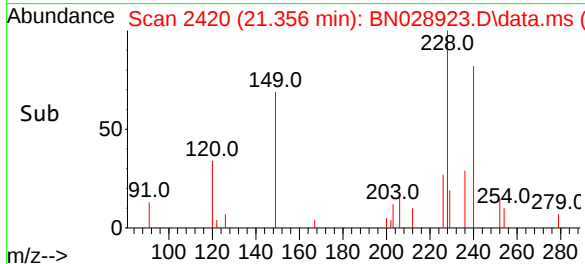
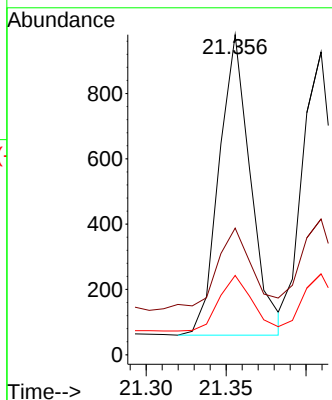
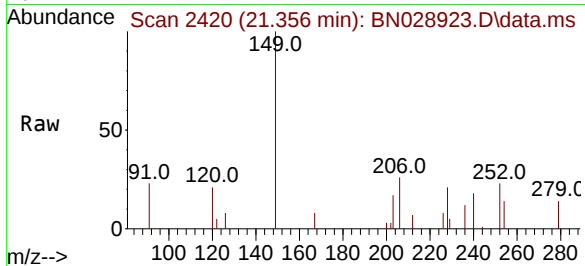




#32
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.356 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

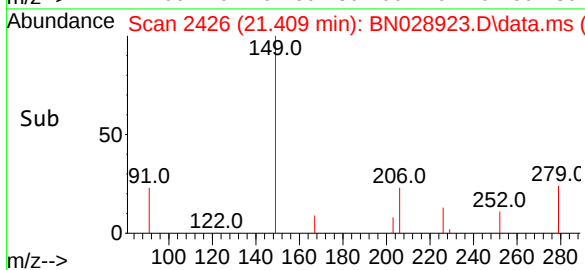
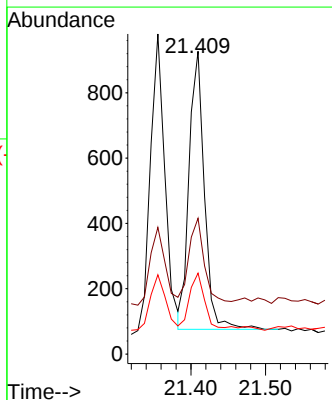
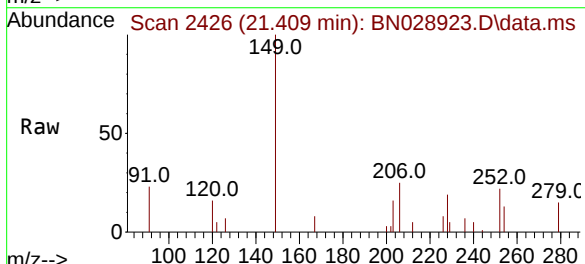
Instrument :
BNA_N
ClientSampleId :
RE117D1-20231107

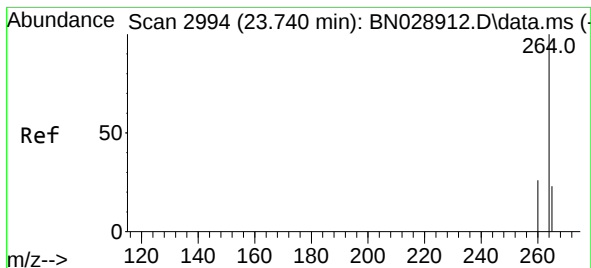
Tgt Ion:228 Resp: 1265
Ion Ratio Lower Upper
228 100
226 39.6 26.5 39.7
229 24.8 16.4 24.6#



#33
Chrysene
Concen: 0.045 ng
RT: 21.409 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN028923.D
Acq: 30 Nov 2023 23:23

Tgt Ion:228 Resp: 1214
Ion Ratio Lower Upper
228 100
226 44.9 28.3 42.5#
229 26.8 16.4 24.6#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.705 min Scan# 2994

Delta R.T. -0.009 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

Instrument :

BNA_N

ClientSampleId :

RE117D1-20231107

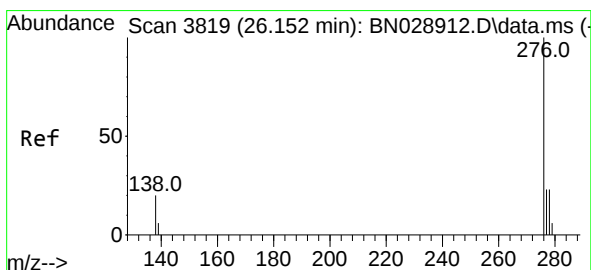
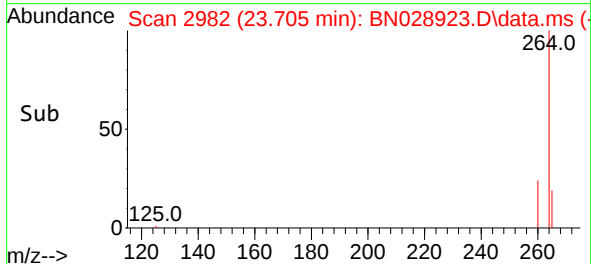
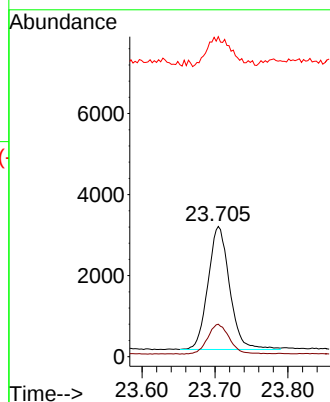
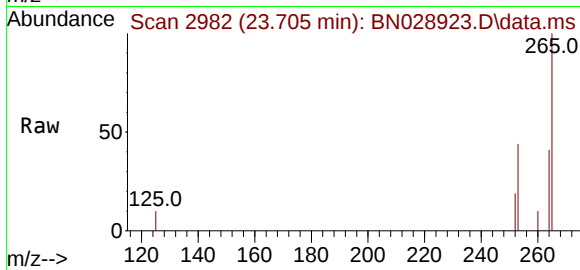
Tgt Ion:264 Resp: 6258

Ion Ratio Lower Upper

264 100

260 24.9 20.6 30.8

265 245.6 464.5 696.7#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.044 ng

RT: 26.102 min Scan# 3802

Delta R.T. -0.009 min

Lab File: BN028923.D

Acq: 30 Nov 2023 23:23

Tgt Ion:276 Resp: 1202

Ion Ratio Lower Upper

276 100

138 13.5 20.9 31.3#

277 15.1 20.2 30.4#

