

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
 Data File : BN028432.D
 Acq On : 02 Nov 2023 21:34
 Operator : MA/JU
 Sample : 05196-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PE-6-NORTHSIDE-BASE

Quant Time: Nov 03 01:50:24 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

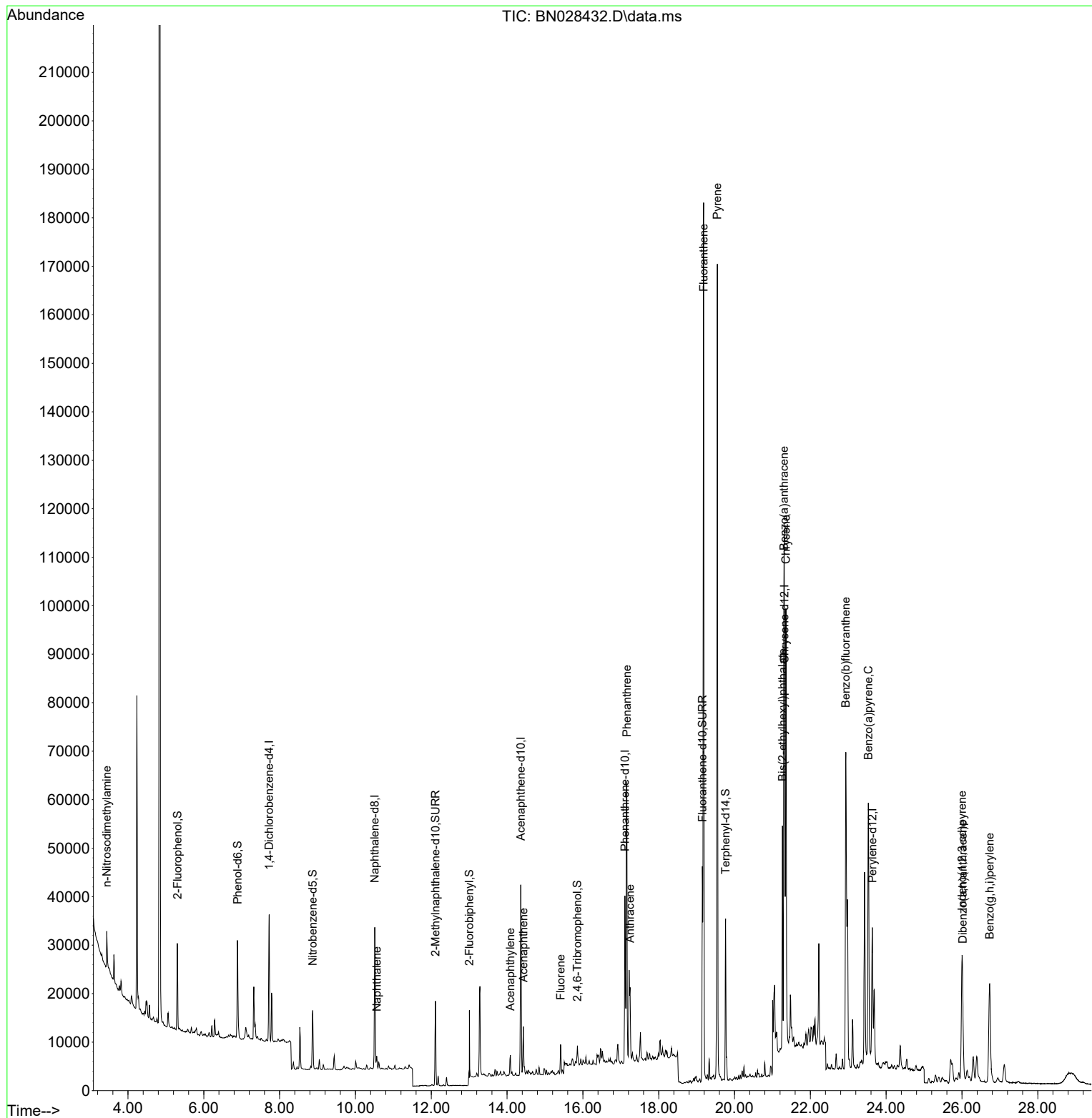
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	12233	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	37113	0.400	ng	0.00
13) Acenaphthene-d10	14.364	164	20960	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	44238	0.400	ng	#-0.01
29) Chrysene-d12	21.319	240	36346	0.400	ng	# 0.00
35) Perylene-d12	23.634	264	36744	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	14474	0.453	ng	0.00
5) Phenol-d6	6.894	99	18490	0.457	ng	0.00
8) Nitrobenzene-d5	8.875	82	9830	0.410	ng	0.00
11) 2-Methylnaphthalene-d10	12.110	152	22508	0.424	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	2043	0.250	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	5922	0.238	ng	0.00
27) Fluoranthene-d10	19.152	212	46317	0.424	ng	0.00
31) Terphenyl-d14	19.766	244	30314	0.396	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.442	42	2390	0.158	ng	# 1
9) Naphthalene	10.562	128	3171	0.032	ng	# 90
16) Acenaphthylene	14.086	152	5019	0.048	ng	98
17) Acenaphthene	14.428	154	4619	0.070	ng	94
18) Fluorene	15.411	166	3800	0.043	ng	98
25) Phenanthrene	17.158	178	70407	0.539	ng	99
26) Anthracene	17.245	178	15861	0.127	ng	97
28) Fluoranthene	19.185	202	157711	1.034	ng	100
30) Pyrene	19.547	202	148527	0.980	ng	# 95
32) Benzo(a)anthracene	21.301	228	86977	0.603	ng	97
33) Chrysene	21.355	228	79467	0.553	ng	98
34) Bis(2-ethylhexyl)phtha...	21.266	149	38604	0.518	ng	100
36) Indeno(1,2,3-cd)pyrene	26.002	276	43626	0.348	ng	94
37) Benzo(b)fluoranthene	22.935	252	103035	0.787	ng	98
39) Benzo(a)pyrene	23.529	252	73905	0.591	ng	97
40) Dibenzo(a,h)anthracene	26.020	278	11283	0.096	ng	# 81
41) Benzo(g,h,i)perylene	26.727	276	43812	0.348	ng	99

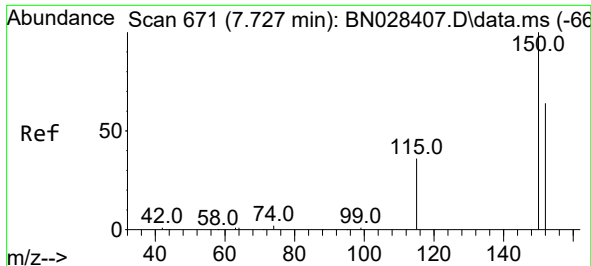
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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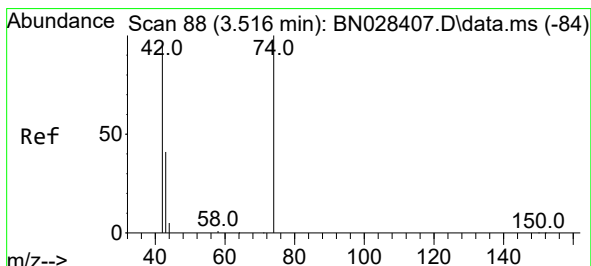
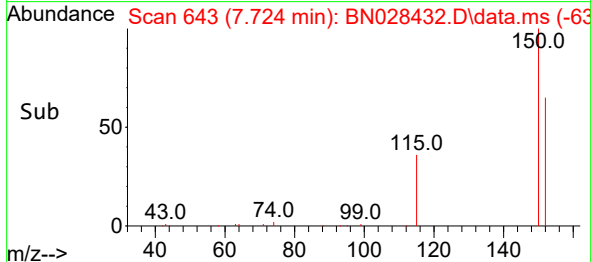
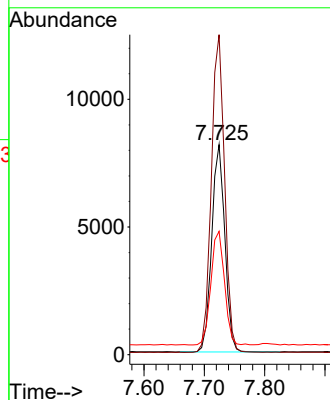
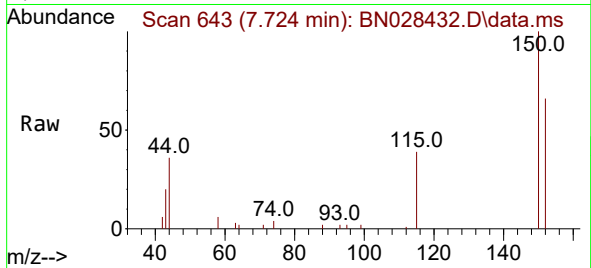




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. -0.003 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

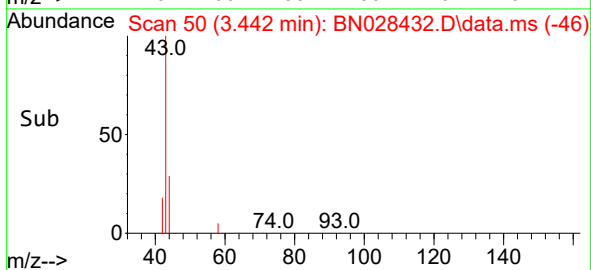
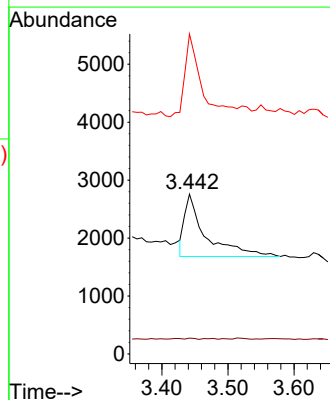
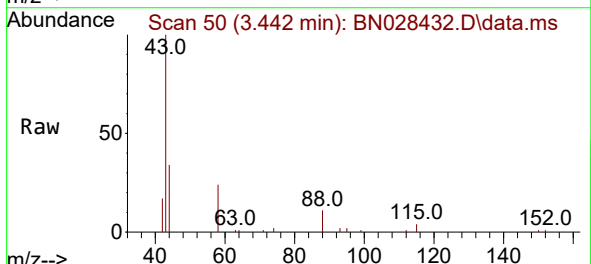
Instrument :
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PE-6-NORTHSIDE-BASE

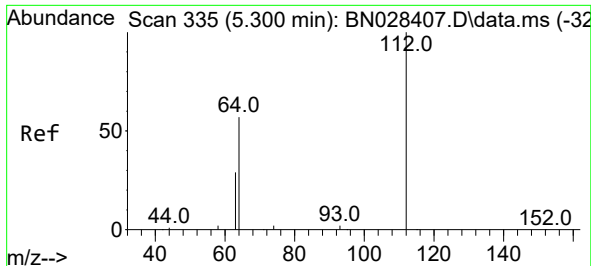
Tgt Ion:152 Resp: 12233
Ion Ratio Lower Upper
152 100
150 152.4 123.8 185.6
115 58.7 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.158 ng
RT: 3.442 min Scan# 50
Delta R.T. -0.074 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Tgt Ion: 42 Resp: 2390
Ion Ratio Lower Upper
42 100
74 0.7 100.3 150.5#
44 84.5 6.2 9.2#

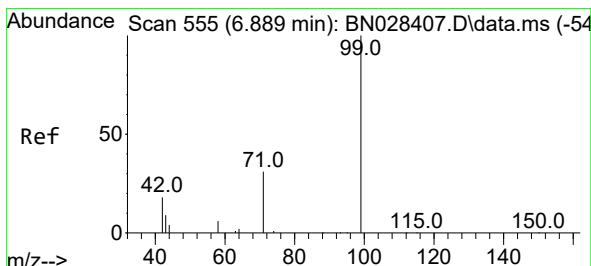
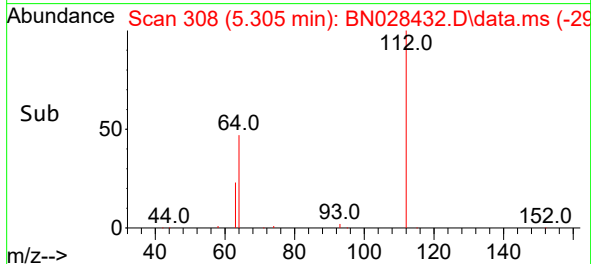
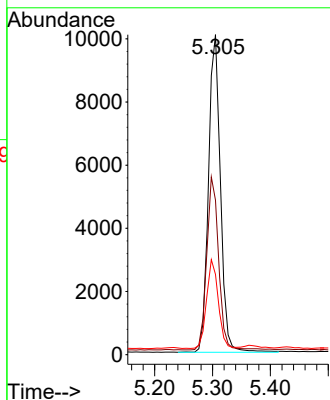
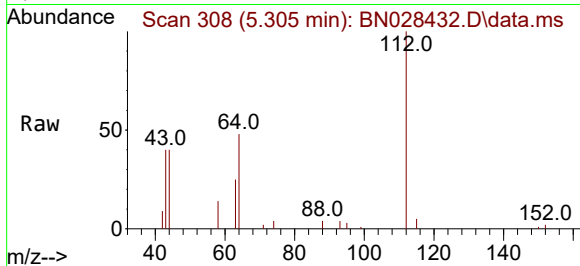




#4
2-Fluorophenol
Concen: 0.453 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.005 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

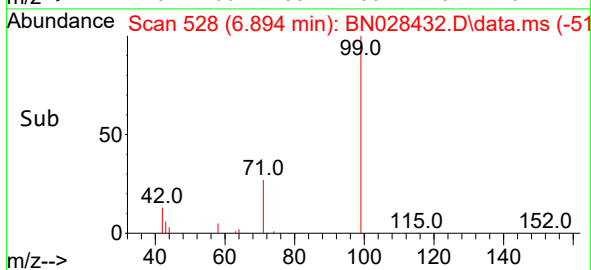
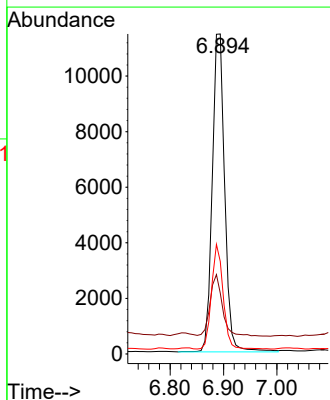
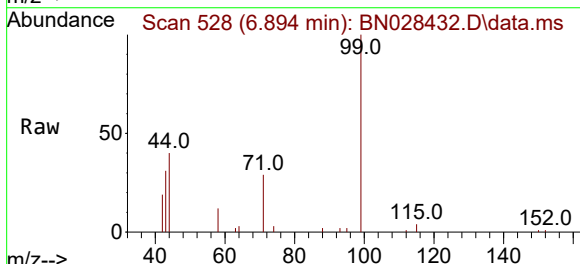
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

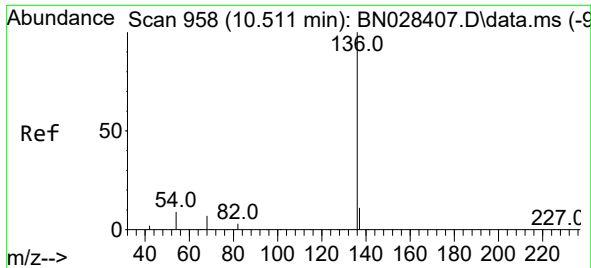
Tgt Ion:112 Resp: 14474
Ion Ratio Lower Upper
112 100
64 54.4 44.3 66.5
63 27.5 22.6 33.8



#5
Phenol-d6
Concen: 0.457 ng
RT: 6.894 min Scan# 528
Delta R.T. 0.005 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Tgt Ion: 99 Resp: 18490
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 30.8 24.4 36.6

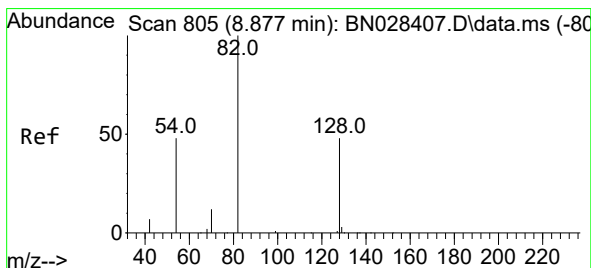
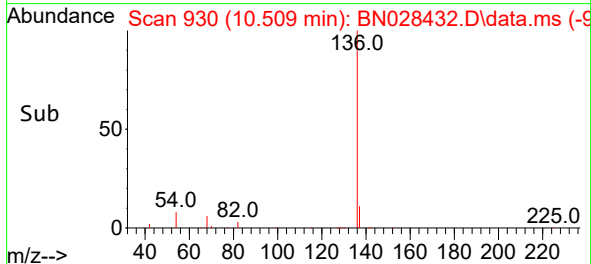
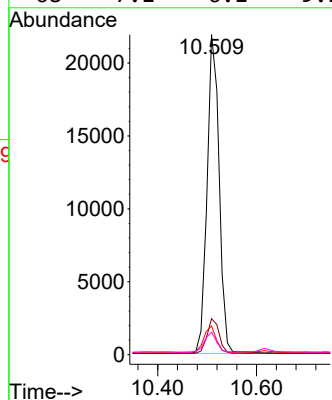
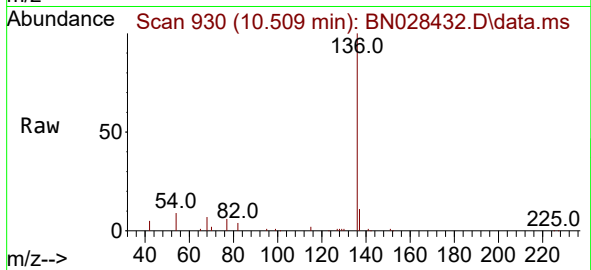




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

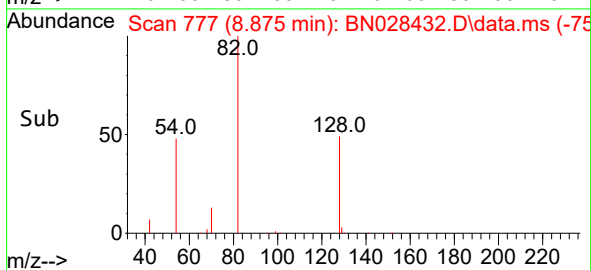
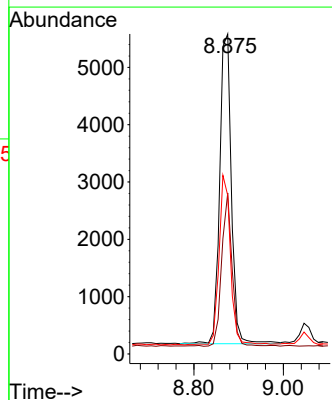
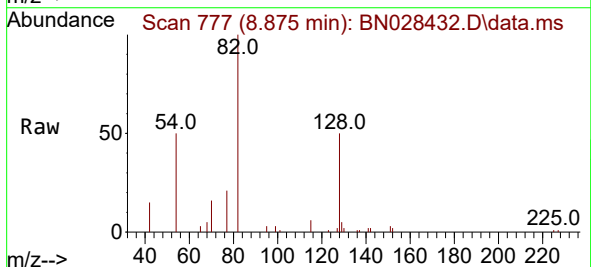
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

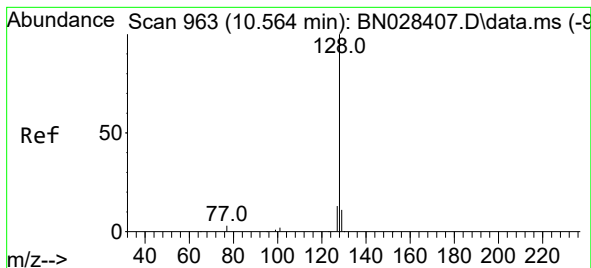
Tgt Ion:136	Resp:	37113
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	8.9	7.9 11.9
68	7.1	6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.002 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Tgt Ion: 82	Resp:	9830
Ion Ratio	Lower	Upper
82	100	
128	50.3	38.8 58.2
54	49.5	40.3 60.5





#9

Naphthalene

Concen: 0.032 ng

RT: 10.562 min Scan# 91

Delta R.T. -0.002 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE

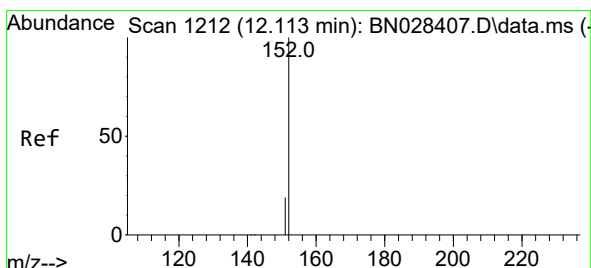
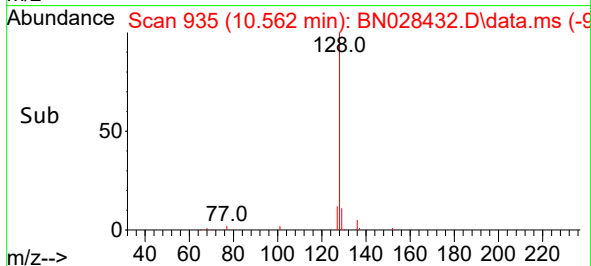
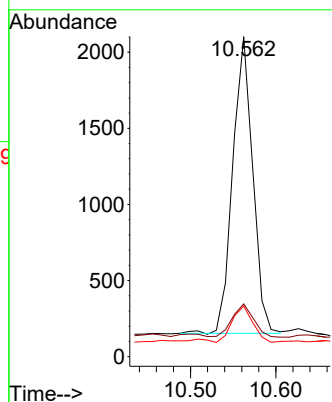
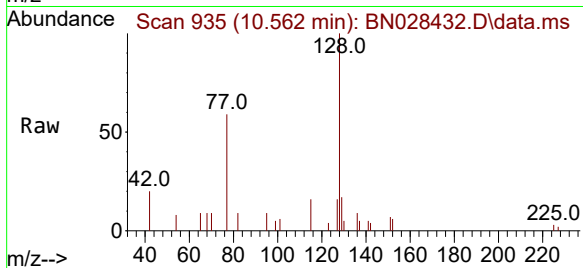
Tgt Ion:128 Resp: 3171

Ion Ratio Lower Upper

128 100

129 16.5 8.9 13.3#

127 15.8 10.4 15.6#



#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 12.110 min Scan# 1182

Delta R.T. -0.003 min

Lab File: BN028432.D

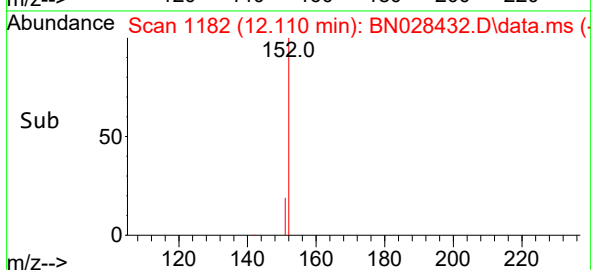
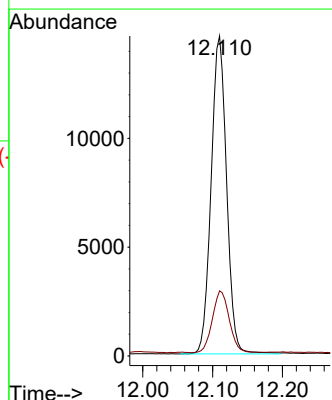
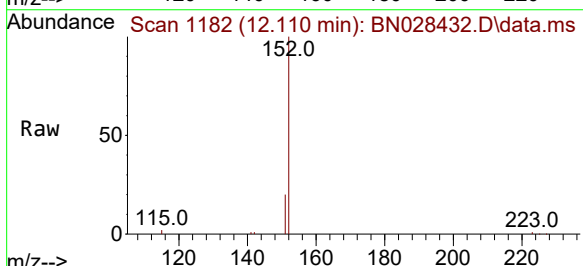
Acq: 02 Nov 2023 21:34

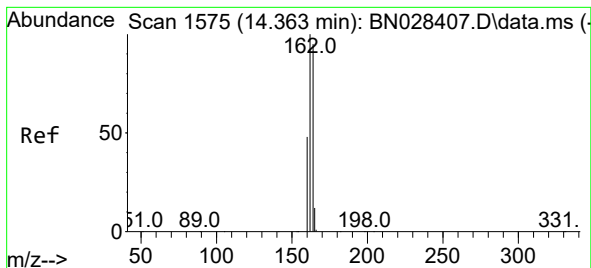
Tgt Ion:152 Resp: 22508

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.364 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

Instrument :

BNA_N

ClientSampleId :

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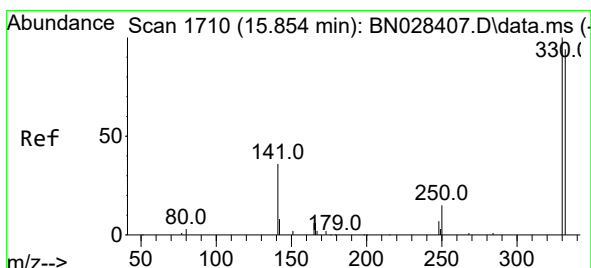
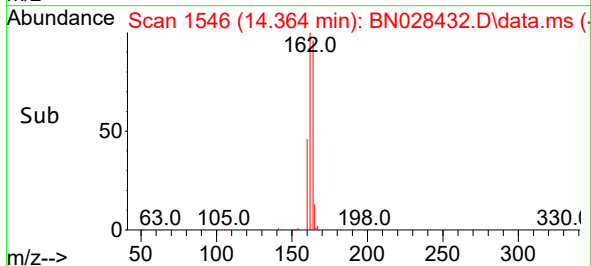
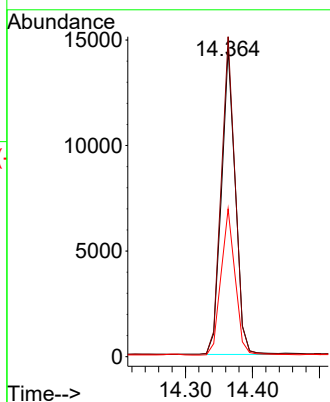
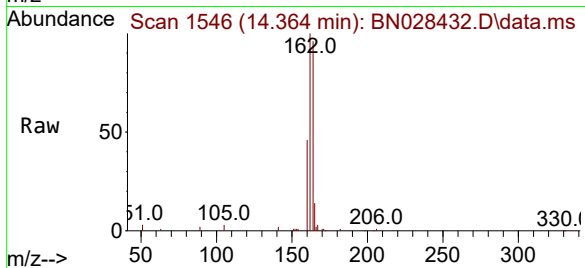
Tgt Ion:164 Resp: 20960

Ion Ratio Lower Upper

164 100

162 103.9 84.6 127.0

160 48.0 41.3 61.9



#14

2,4,6-Tribromophenol

Concen: 0.250 ng

RT: 15.855 min Scan# 1681

Delta R.T. 0.001 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

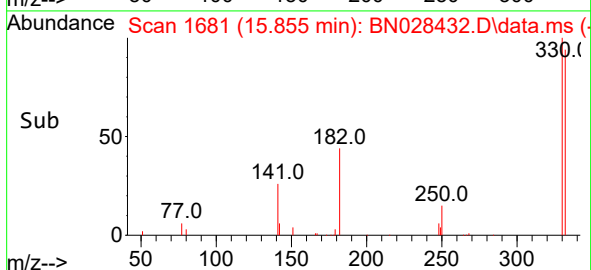
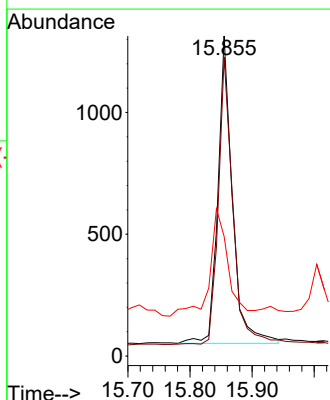
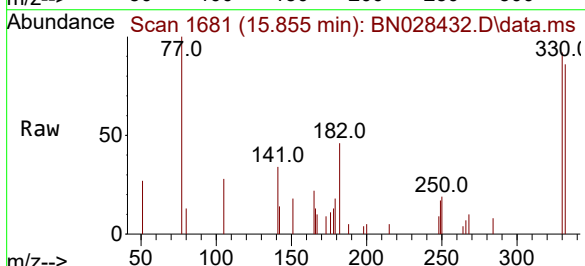
Tgt Ion:330 Resp: 2043

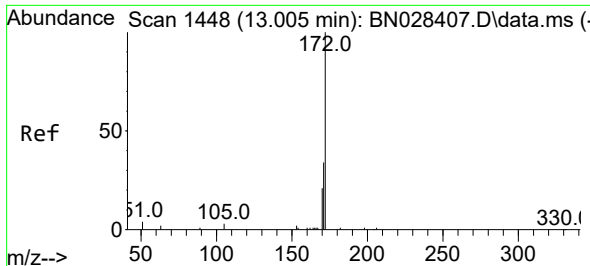
Ion Ratio Lower Upper

330 100

332 93.1 76.2 114.2

141 35.0 32.8 49.2

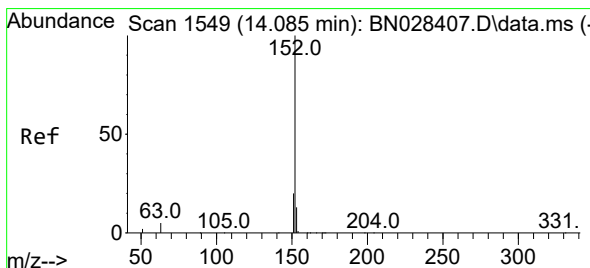
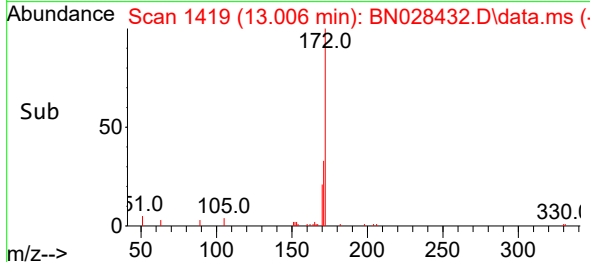
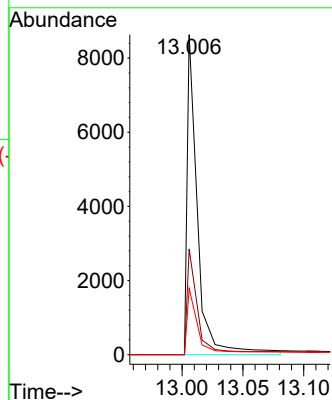
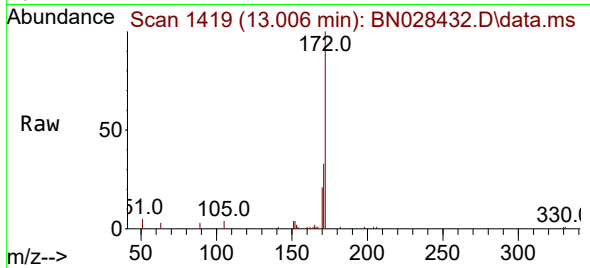




#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 13.006 min Scan# 1448
Delta R.T. 0.001 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

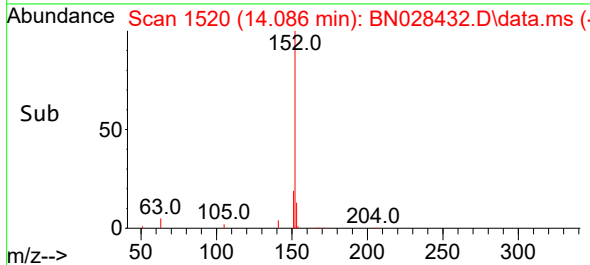
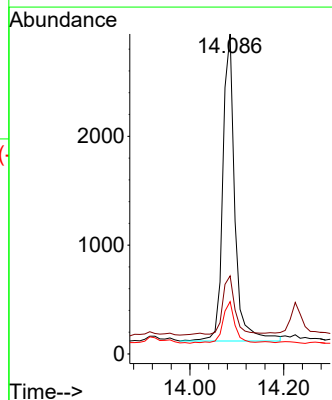
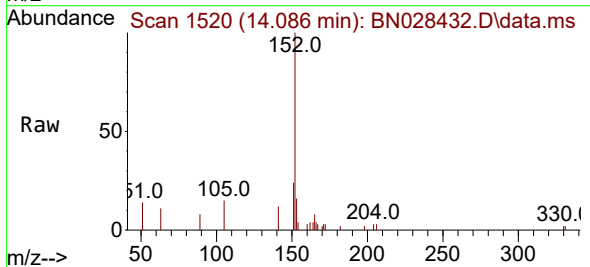
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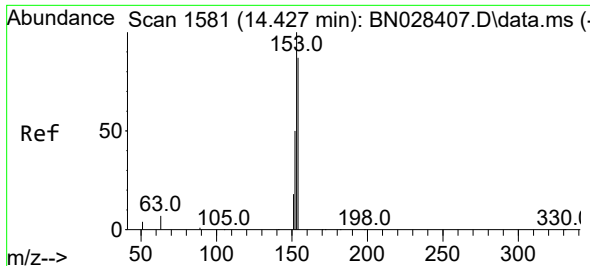
Tgt Ion:172 Resp: 5922
Ion Ratio Lower Upper
172 100
171 33.0 27.2 40.8
170 20.7 17.1 25.7



#16
Acenaphthylene
Concen: 0.048 ng
RT: 14.086 min Scan# 1520
Delta R.T. 0.001 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Tgt Ion:152 Resp: 5019
Ion Ratio Lower Upper
152 100
151 18.8 15.7 23.5
153 13.9 10.5 15.7

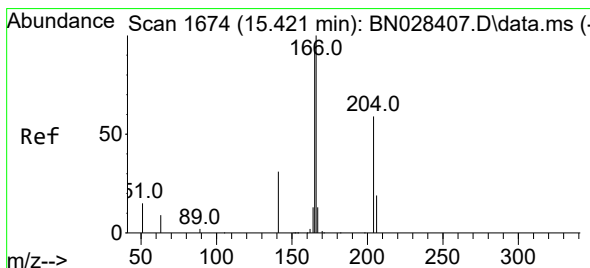
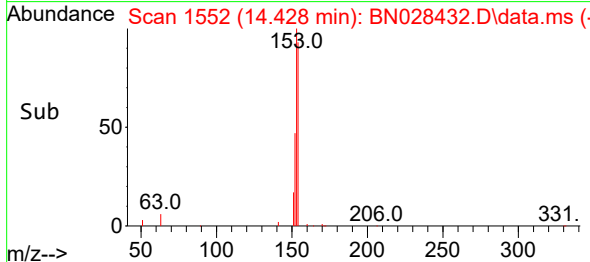
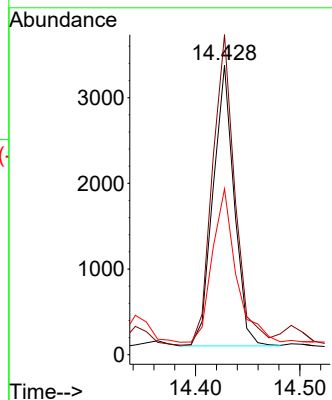
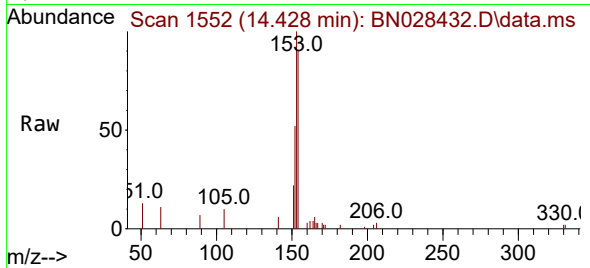




#17
Acenaphthene
Concen: 0.070 ng
RT: 14.428 min Scan# 1581
Delta R.T. 0.001 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

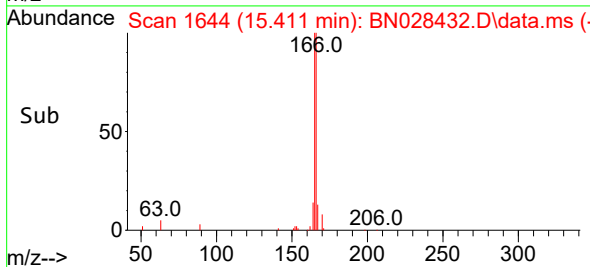
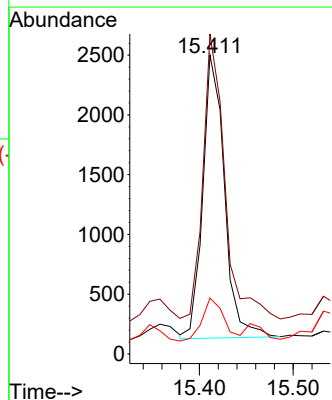
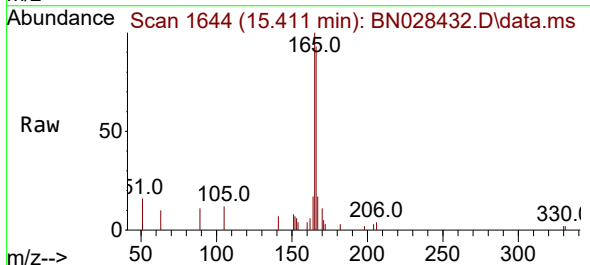
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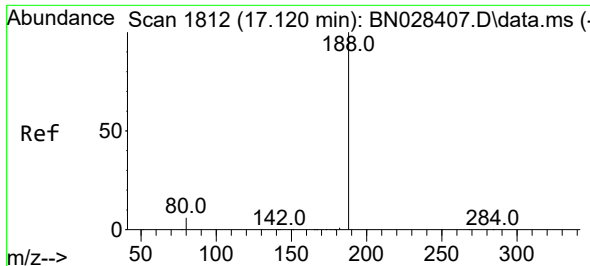
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Ion Ratio Lower Upper
154 100
153 117.8 90.5 135.7
152 63.1 45.8 68.6



#18
Fluorene
Concen: 0.043 ng
RT: 15.411 min Scan# 1644
Delta R.T. -0.010 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Tgt Ion:166 Resp: 3800
Ion Ratio Lower Upper
166 100
165 100.8 79.2 118.8
167 15.3 10.6 16.0

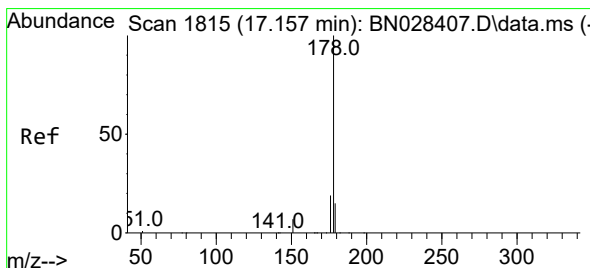
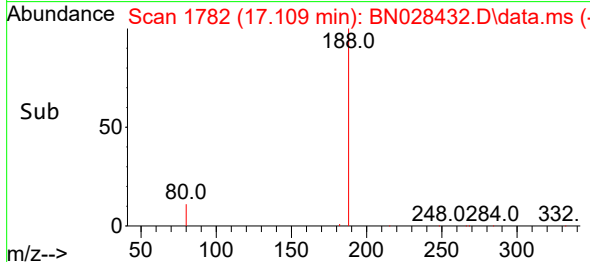
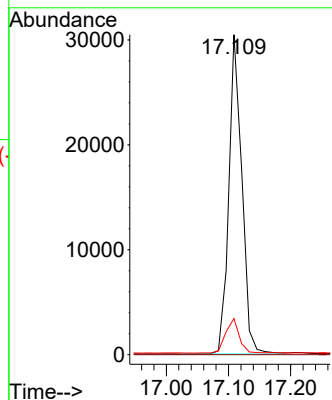
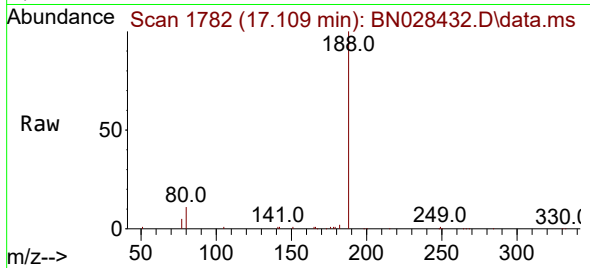




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

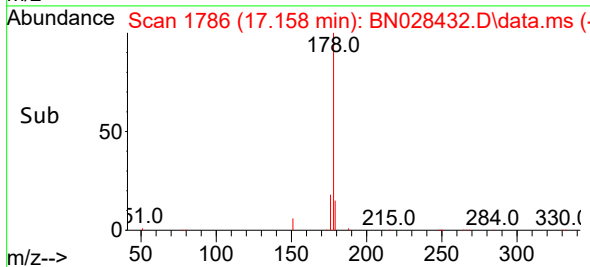
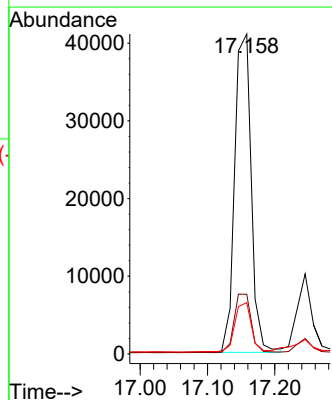
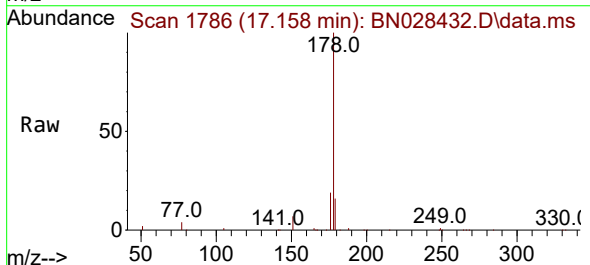
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

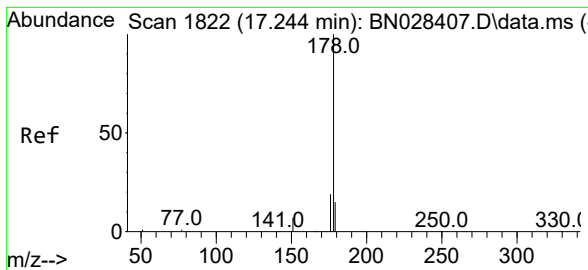
Tgt Ion:188 Resp: 44238
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 5.3 7.9#



#25
Phenanthrene
Concen: 0.539 ng
RT: 17.158 min Scan# 1786
Delta R.T. 0.001 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Tgt Ion:178 Resp: 70407
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.2 18.2





#26

Anthracene

Concen: 0.127 ng

RT: 17.245 min Scan# 11

Delta R.T. 0.001 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE

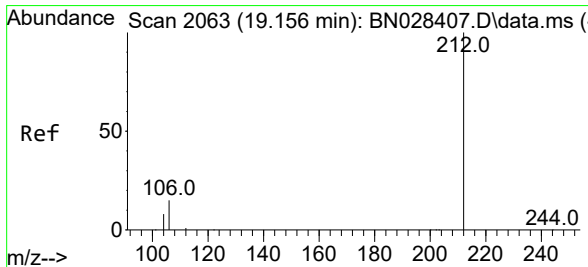
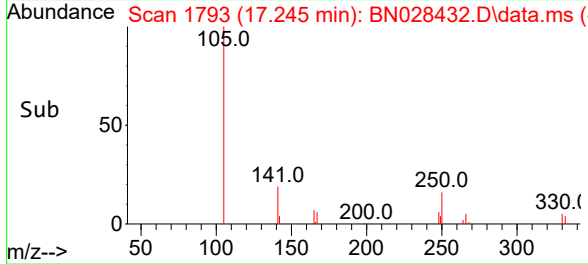
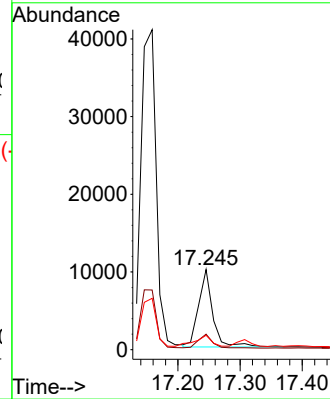
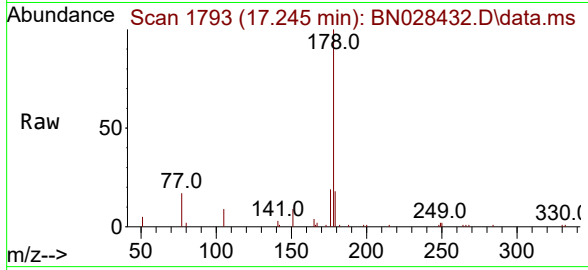
Tgt Ion:178 Resp: 15861

Ion Ratio Lower Upper

178 100

176 17.3 14.9 22.3

179 16.3 12.2 18.4



#27

Fluoranthene-d10

Concen: 0.424 ng

RT: 19.152 min Scan# 2033

Delta R.T. -0.004 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

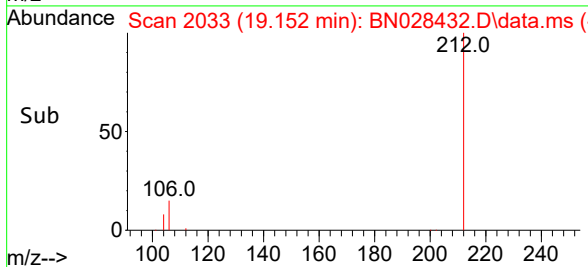
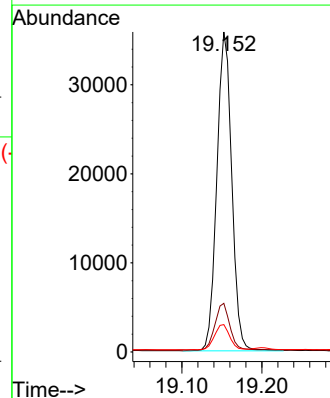
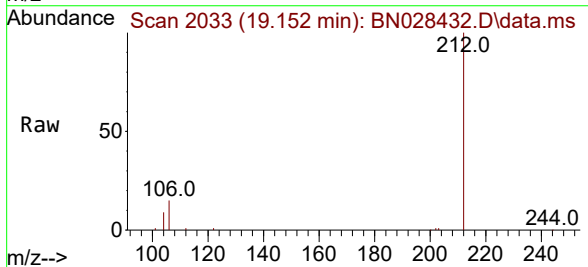
Tgt Ion:212 Resp: 46317

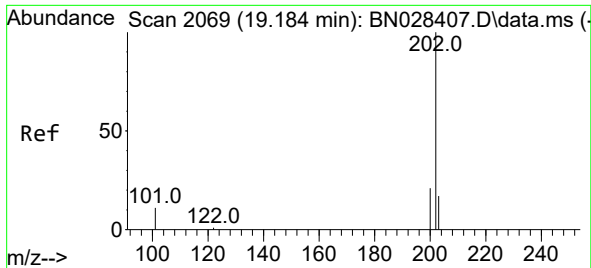
Ion Ratio Lower Upper

212 100

106 14.7 11.9 17.9

104 8.2 6.7 10.1

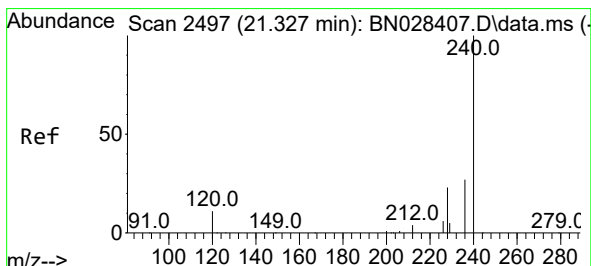
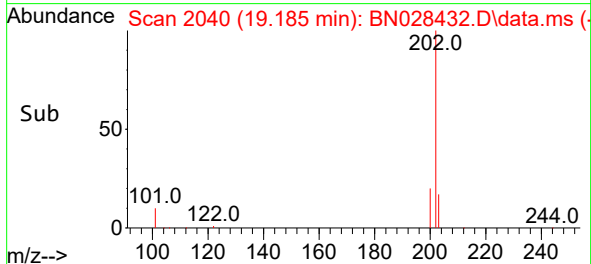
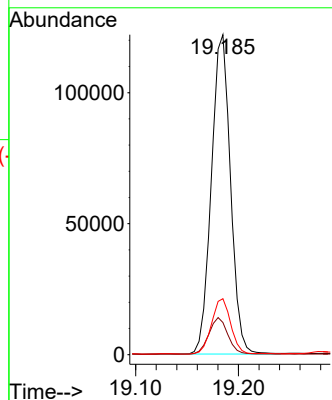
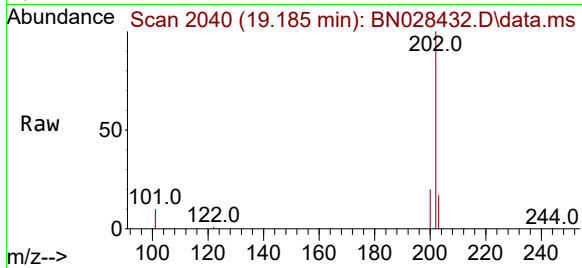




#28
Fluoranthene
Concen: 1.034 ng
RT: 19.185 min Scan# 2069
Delta R.T. 0.001 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

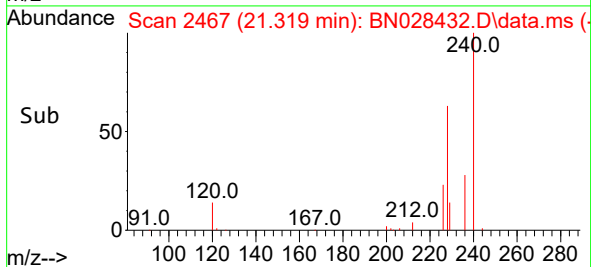
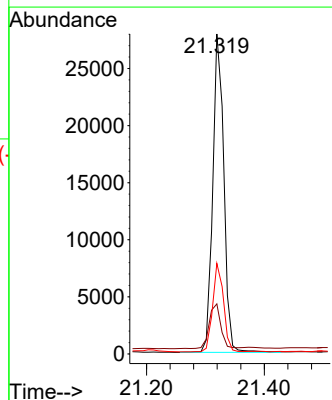
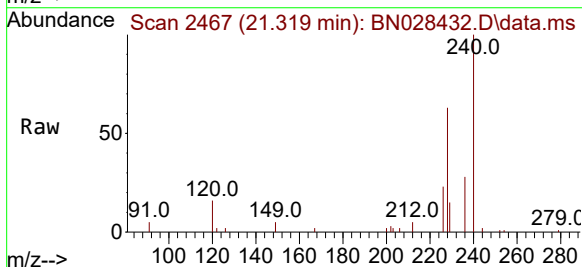
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

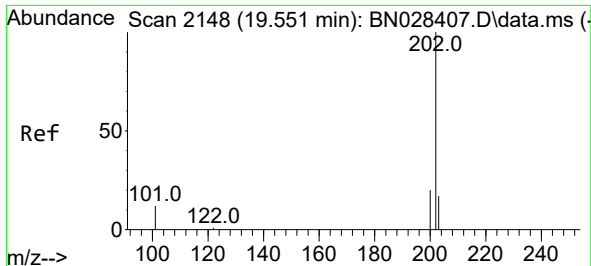
Tgt Ion:202 Resp: 157711
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
203 17.3 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.319 min Scan# 2467
Delta R.T. -0.008 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Tgt Ion:240 Resp: 36346
Ion Ratio Lower Upper
240 100
120 15.6 9.8 14.6#
236 28.3 22.2 33.2

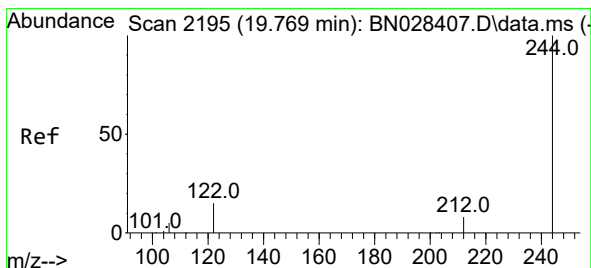
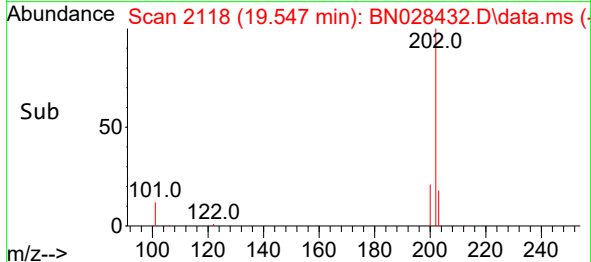
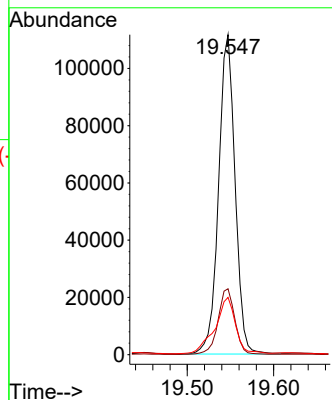
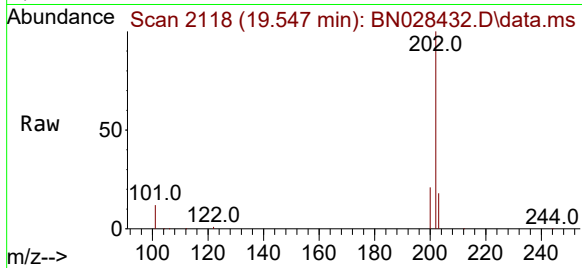




#30
 Pyrene
 Concen: 0.980 ng
 RT: 19.547 min Scan# 2118
 Delta R.T. -0.004 min
 Lab File: BN028432.D
 Acq: 02 Nov 2023 21:34

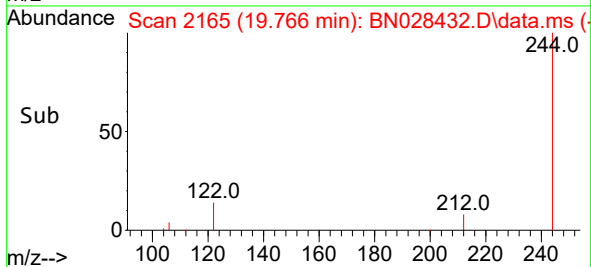
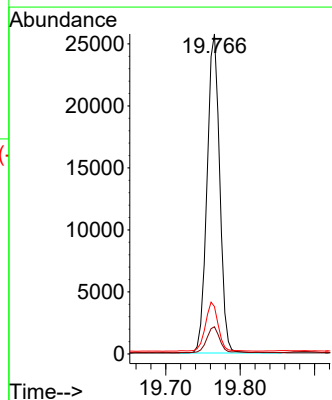
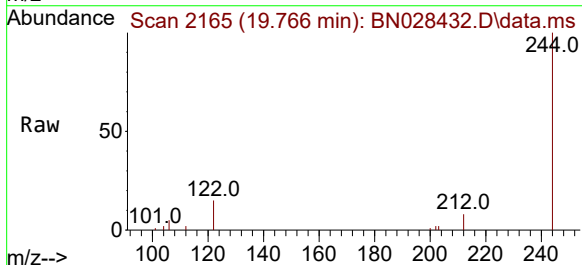
Instrument :
 BNA_N
 ClientSampleId :
 PE-6-NORTHSIDE-BASE

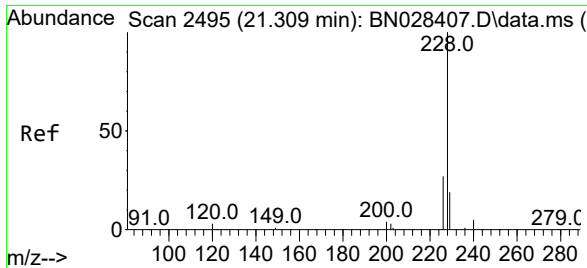
Tgt Ion:202 Resp: 148527
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 25.0
 203 22.1 14.2 21.2#



#31
 Terphenyl-d14
 Concen: 0.396 ng
 RT: 19.766 min Scan# 2165
 Delta R.T. -0.004 min
 Lab File: BN028432.D
 Acq: 02 Nov 2023 21:34

Tgt Ion:244 Resp: 30314
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 10.0
 122 14.8 12.6 19.0

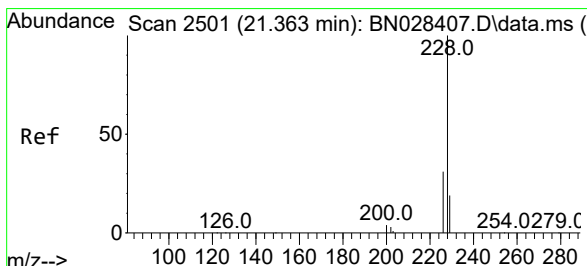
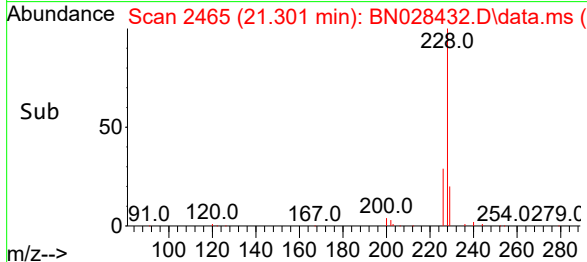
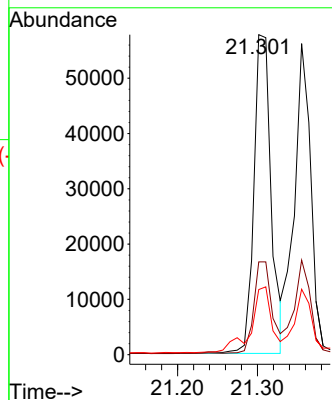
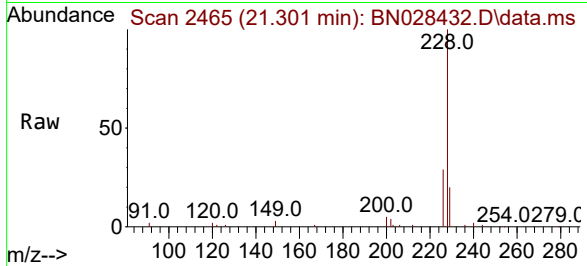




#32
Benzo(a)anthracene
Concen: 0.603 ng
RT: 21.301 min Scan# 2465
Delta R.T. -0.008 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

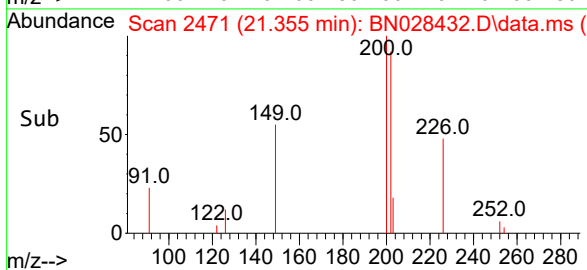
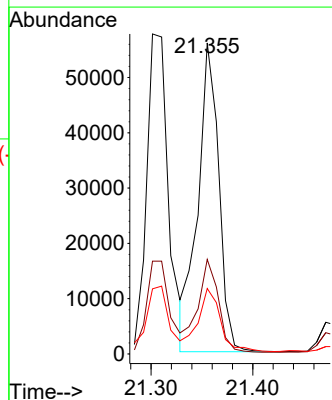
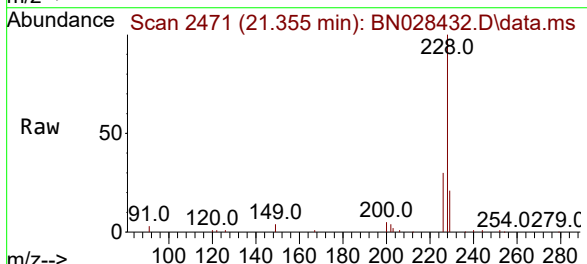
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

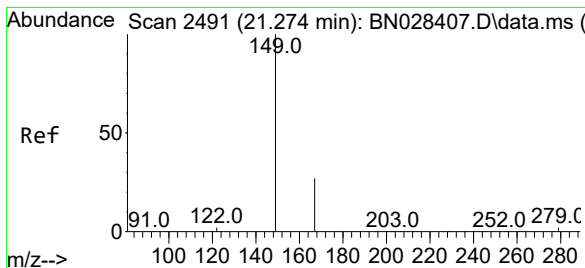
Tgt Ion:228 Resp: 86977
Ion Ratio Lower Upper
228 100
226 29.0 21.8 32.8
229 20.3 15.5 23.3



#33
Chrysene
Concen: 0.553 ng
RT: 21.355 min Scan# 2471
Delta R.T. -0.008 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Tgt Ion:228 Resp: 79467
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 21.0 15.7 23.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.518 ng

RT: 21.266 min Scan# 24

Delta R.T. -0.008 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE

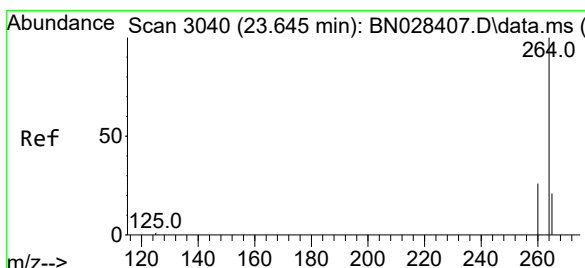
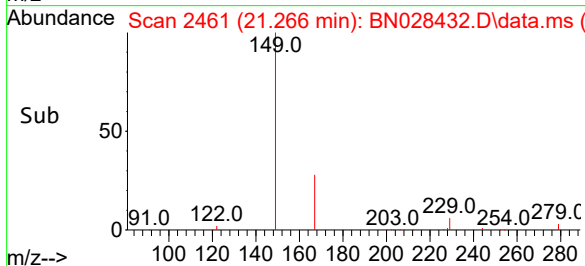
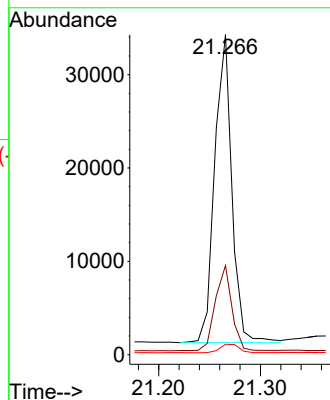
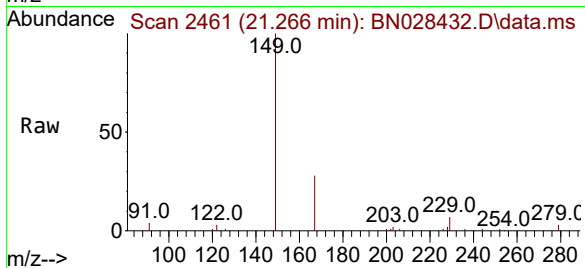
Tgt Ion:149 Resp: 38604

Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.1 2.3 3.5



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.634 min Scan# 3007

Delta R.T. -0.011 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

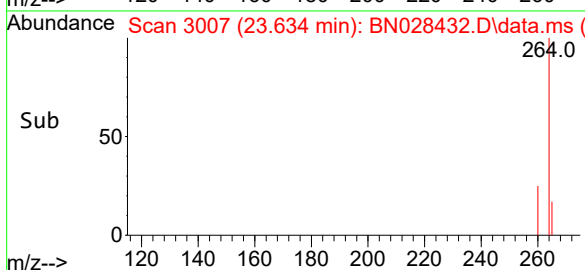
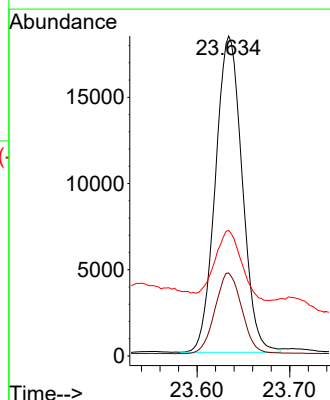
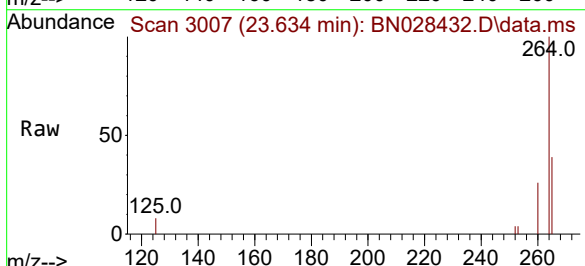
Tgt Ion:264 Resp: 36744

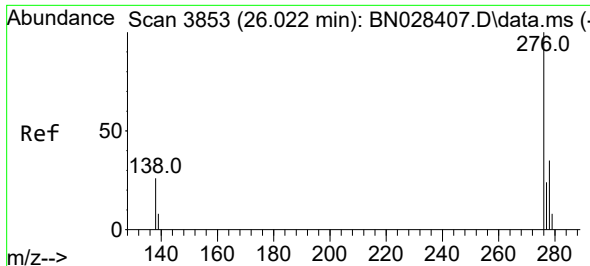
Ion Ratio Lower Upper

264 100

260 25.9 20.8 31.2

265 39.3 21.7 32.5#

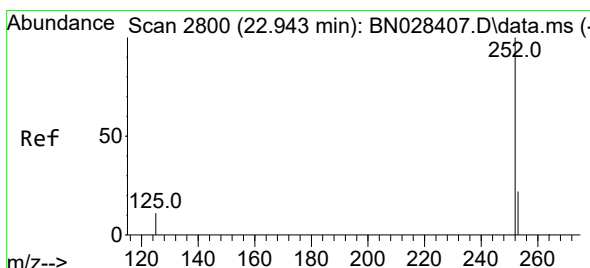
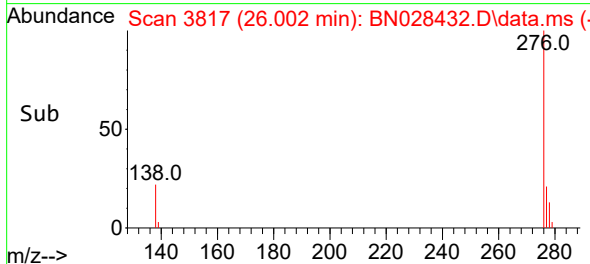
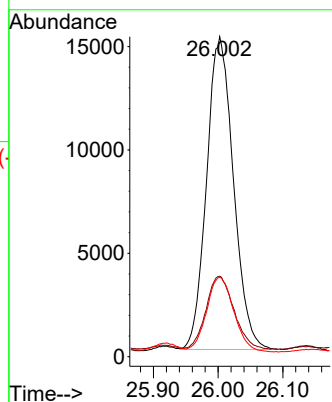
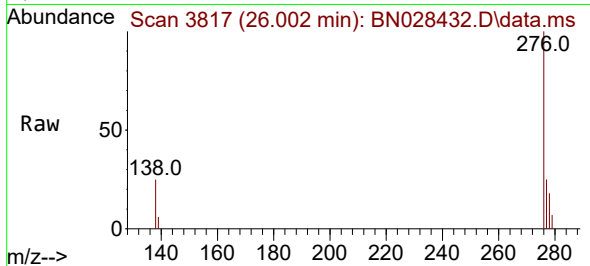




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng
RT: 26.002 min Scan# 31
Delta R.T. -0.020 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

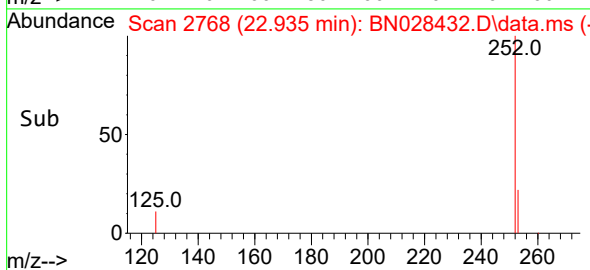
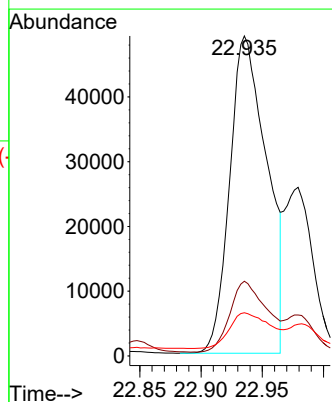
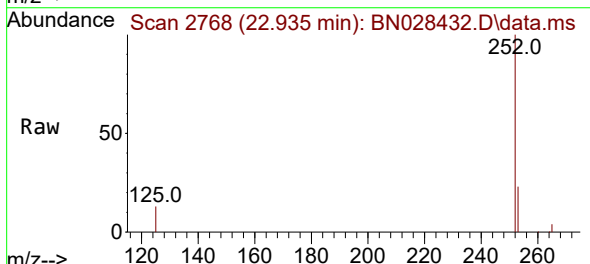
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

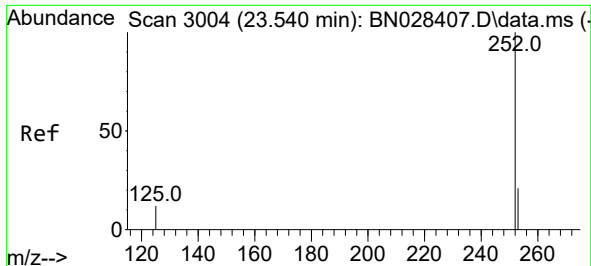
Tgt Ion:276 Resp: 43626
Ion Ratio Lower Upper
276 100
138 24.3 24.1 36.1
277 24.3 19.7 29.5



#37
Benzo(b)fluoranthene
Concen: 0.787 ng
RT: 22.935 min Scan# 2768
Delta R.T. -0.008 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Tgt Ion:252 Resp: 103035
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 13.5 10.0 15.0





#39

Benzo(a)pyrene

Concen: 0.591 ng

RT: 23.529 min Scan# 2971

Delta R.T. -0.011 min

Lab File: BN028432.D

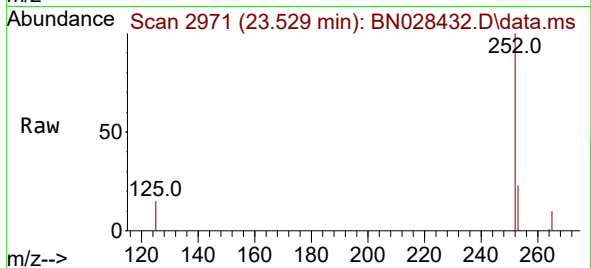
Acq: 02 Nov 2023 21:34

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE



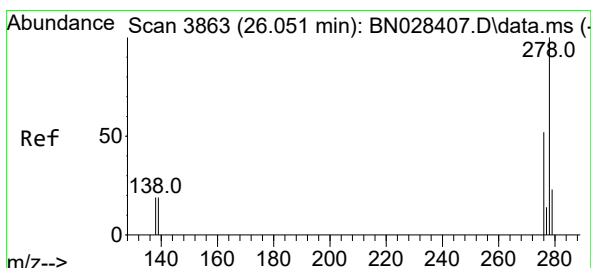
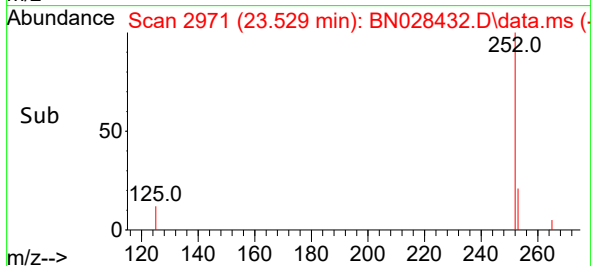
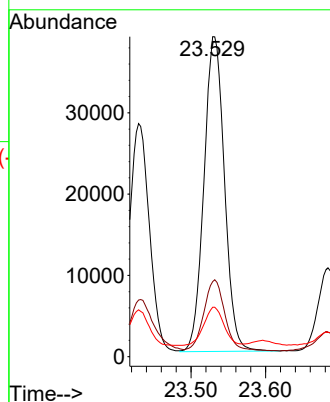
Tgt Ion:252 Resp: 73905

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

125 15.4 11.0 16.6



#40

Dibenzo(a,h)anthracene

Concen: 0.096 ng

RT: 26.020 min Scan# 3823

Delta R.T. -0.031 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

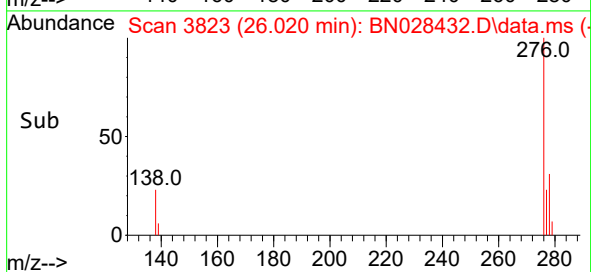
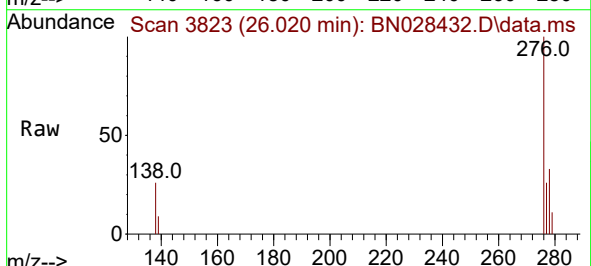
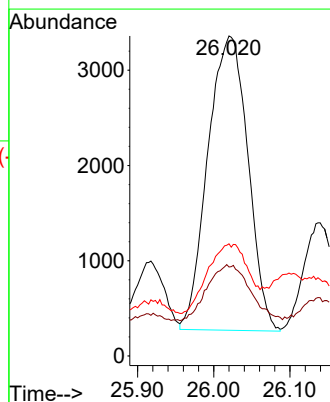
Tgt Ion:278 Resp: 11283

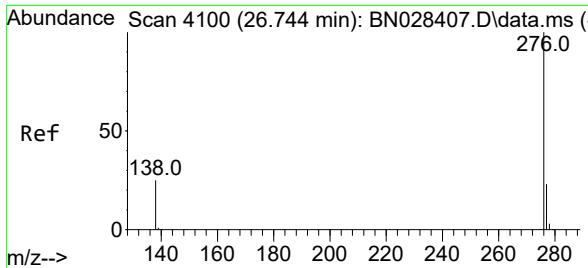
Ion Ratio Lower Upper

278 100

139 27.8 15.8 23.8#

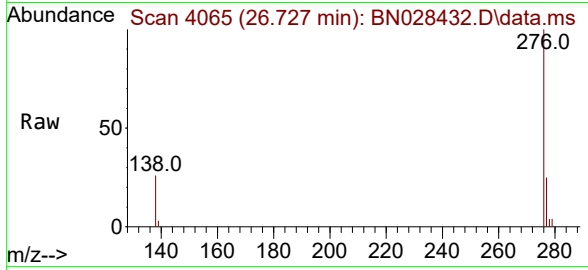
279 35.1 19.7 29.5#





#41
Benzo(g,h,i)perylene
Concen: 0.348 ng
RT: 26.727 min Scan# 4065
Delta R.T. -0.017 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE



Tgt Ion:	276	Resp:	43812
Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	26.3	21.1	31.7

