

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
 Data File : BN028512.D
 Acq On : 08 Nov 2023 23:19
 Operator : MA/JU
 Sample : 05196-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 09 00:13:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 00:27:19 2023
 Response via : Initial Calibration

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

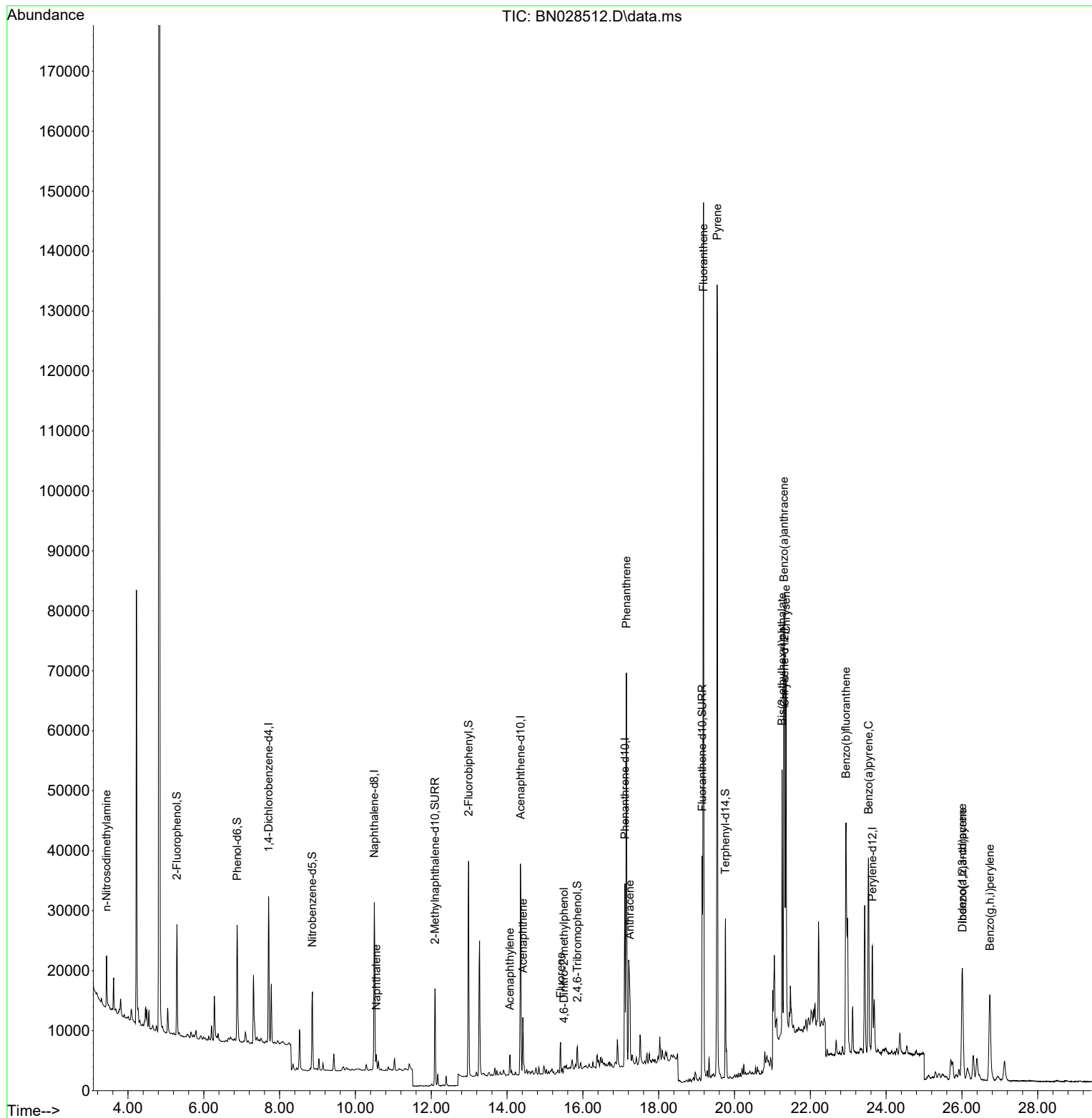
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	11320	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	35703	0.400	ng	#-0.01
13) Acenaphthene-d10	14.353	164	19826	0.400	ng	-0.01
19) Phenanthrene-d10	17.109	188	40675	0.400	ng	# 0.00
29) Chrysene-d12	21.320	240	24952	0.400	ng	# 0.00
35) Perylene-d12	23.637	264	23377	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	14019	0.414	ng	0.00
5) Phenol-d6	6.879	99	17983	0.413	ng	0.00
8) Nitrobenzene-d5	8.865	82	10709	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.098	152	21868	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	2099	0.189	ng	0.00
15) 2-Fluorobiphenyl	12.985	172	31225	0.358	ng	0.00
27) Fluoranthene-d10	19.148	212	39087	0.315	ng	0.00
31) Terphenyl-d14	19.761	244	25072	0.378	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.434	42	880	0.056	ng	# 1
9) Naphthalene	10.552	128	3109	0.028	ng	# 90
16) Acenaphthylene	14.075	152	3652	0.035	ng	97
17) Acenaphthene	14.418	154	4399	0.063	ng	96
18) Fluorene	15.412	166	3385	0.034	ng	98
20) 4,6-Dinitro-2-methylph...	15.497	198	3	0.180	ng	# 1
25) Phenanthrene	17.146	178	62094	0.460	ng	100
26) Anthracene	17.233	178	12499	0.101	ng	# 93
28) Fluoranthene	19.181	202	130001	0.804	ng	100
30) Pyrene	19.543	202	119479	1.005	ng	# 95
32) Benzo(a)anthracene	21.302	228	60557	0.581	ng	96
33) Chrysene	21.356	228	54037	0.519	ng	97
34) Bis(2-ethylhexyl)phtha...	21.257	149	36809	0.571	ng	99
36) Indeno(1,2,3-cd)pyrene	26.011	276	31146	0.330	ng	97
37) Benzo(b)fluoranthene	22.939	252	67132	0.697	ng	97
39) Benzo(a)pyrene	23.535	252	46394	0.564	ng	99
40) Dibenzo(a,h)anthracene	26.017	278	3637	0.049	ng	# 75
41) Benzo(g,h,i)perylene	26.736	276	31254	0.384	ng	97

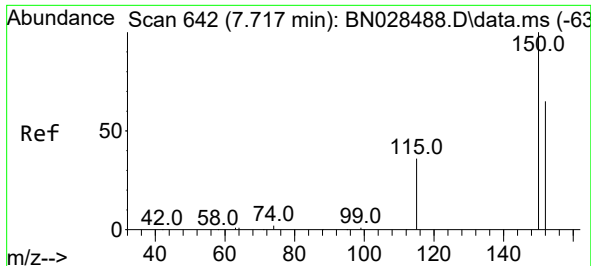
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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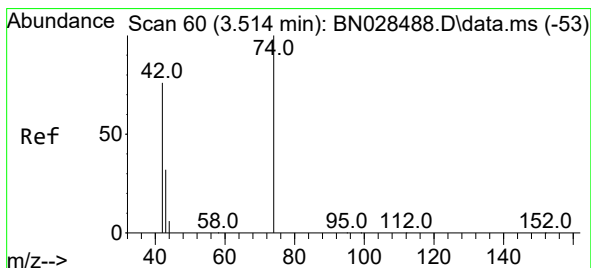
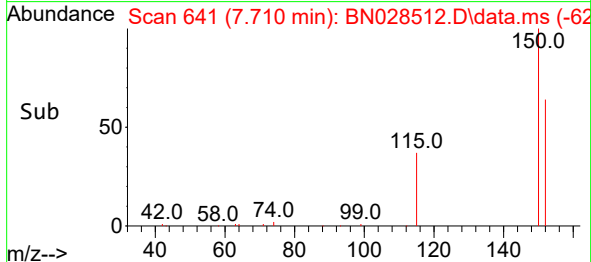
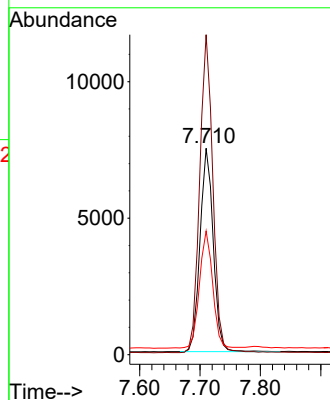
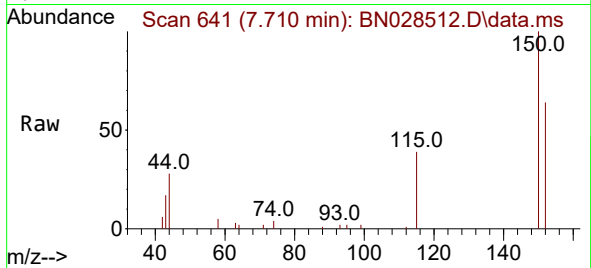




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

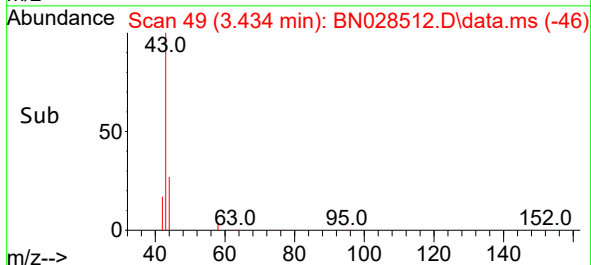
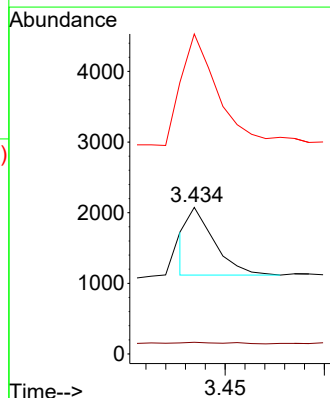
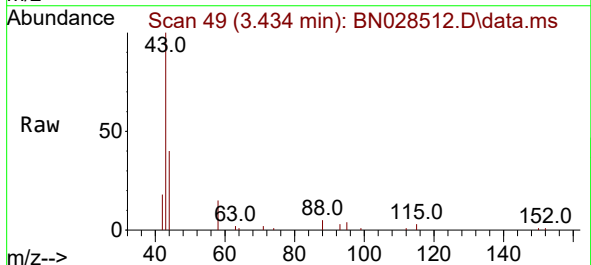
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

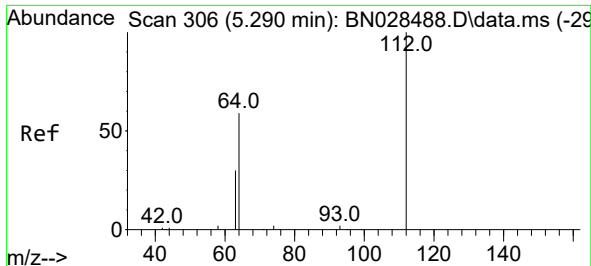
Tgt Ion:152 Resp: 11320
Ion Ratio Lower Upper
152 100
150 155.1 122.5 183.7
115 59.9 47.5 71.3



#3
n-Nitrosodimethylamine
Concen: 0.056 ng
RT: 3.434 min Scan# 49
Delta R.T. -0.079 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

Tgt Ion: 42 Resp: 880
Ion Ratio Lower Upper
42 100
74 3.3 100.8 151.2#
44 179.4 7.3 10.9#

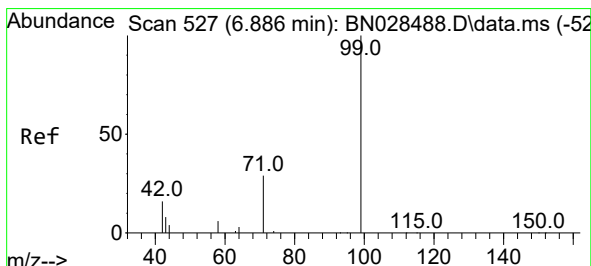
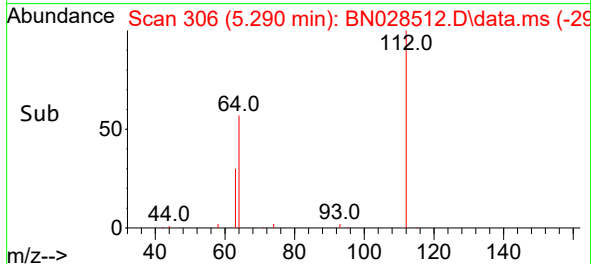
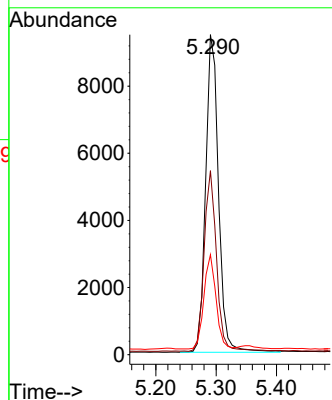
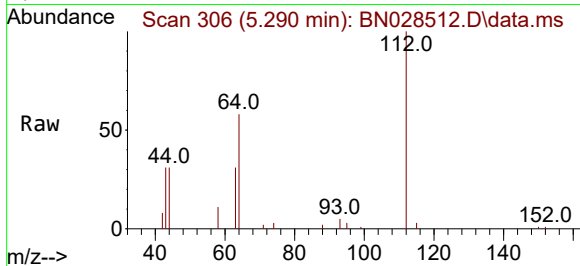




#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

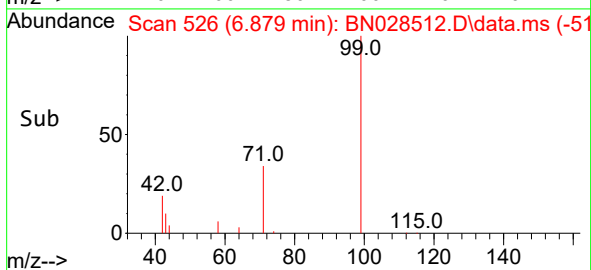
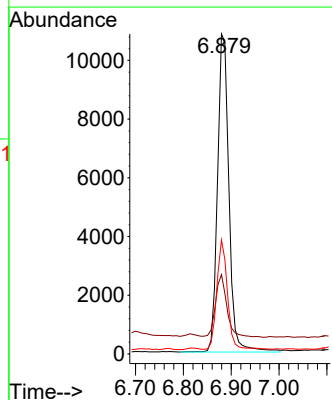
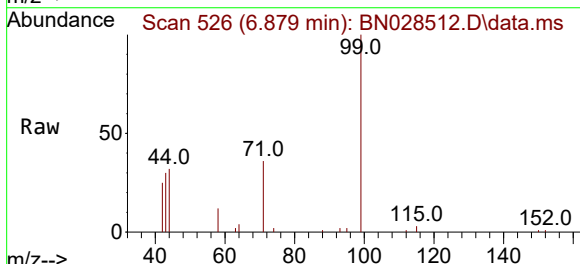
Instrument :
BNA_N
ClientSampleId :
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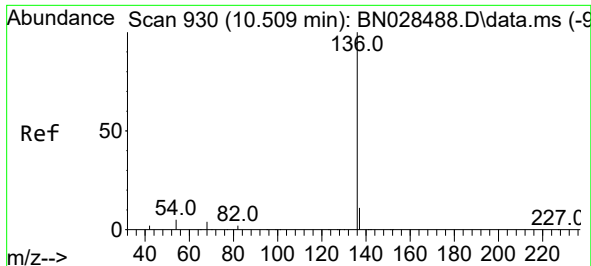
Tgt Ion:112 Resp: 14019
Ion Ratio Lower Upper
112 100
64 55.1 44.6 67.0
63 28.0 23.3 34.9



#5
Phenol-d6
Concen: 0.413 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

Tgt Ion: 99 Resp: 17983
Ion Ratio Lower Upper
99 100
42 19.6 15.8 23.8
71 32.0 25.1 37.7

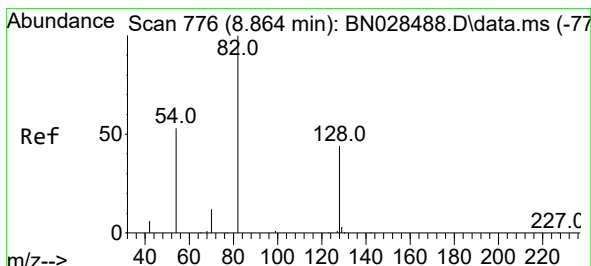
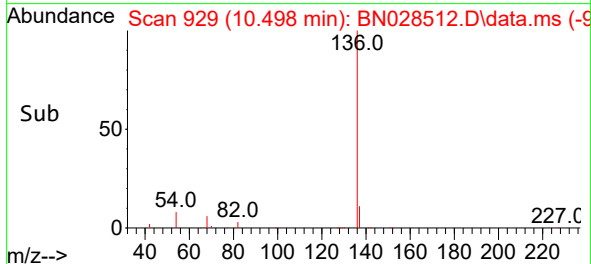
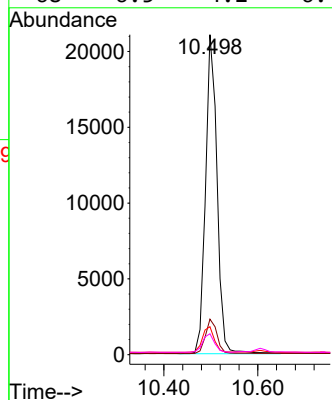
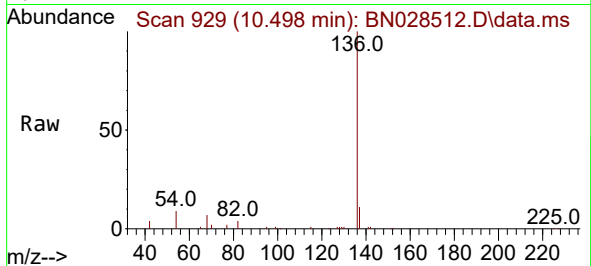




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

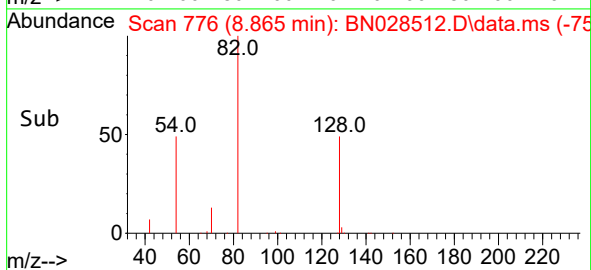
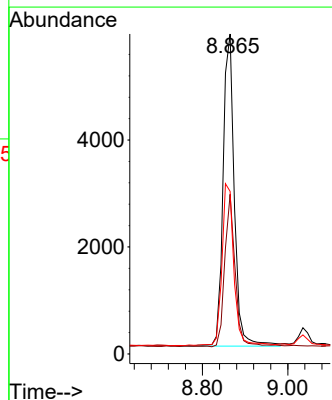
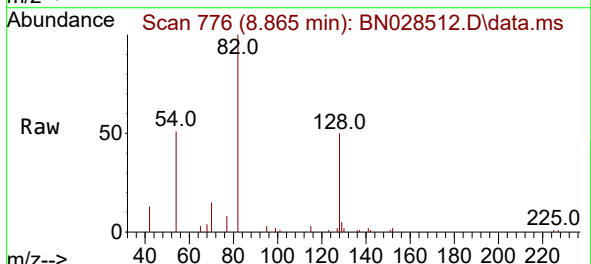
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

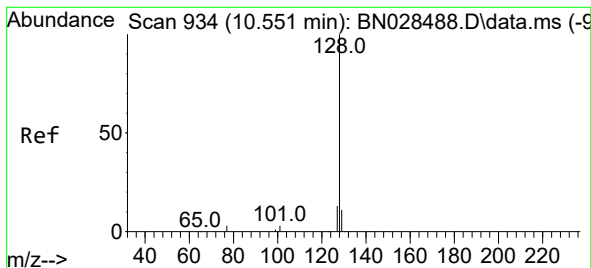
Tgt Ion:	136	Resp:	35703
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.8	5.1	7.7#
68	6.5	4.2	6.4#



#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.865 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

Tgt Ion:	82	Resp:	10709
Ion	Ratio	Lower	Upper
82	100		
128	49.9	36.5	54.7
54	50.8	43.8	65.8





#9

Naphthalene

Concen: 0.028 ng

RT: 10.552 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN028512.D

Acq: 08 Nov 2023 23:19

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE

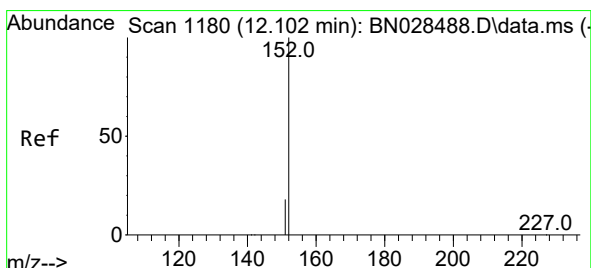
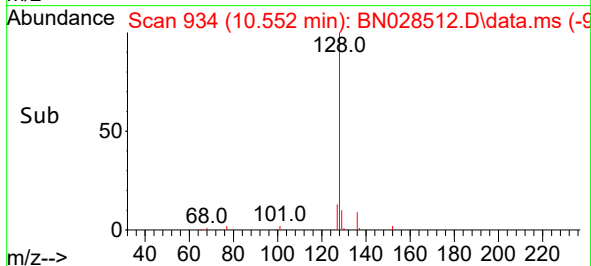
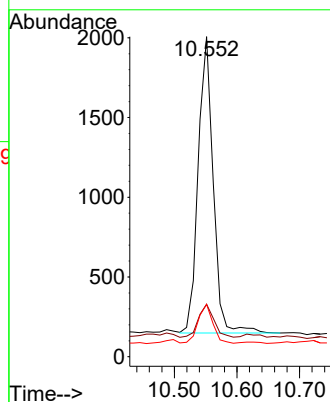
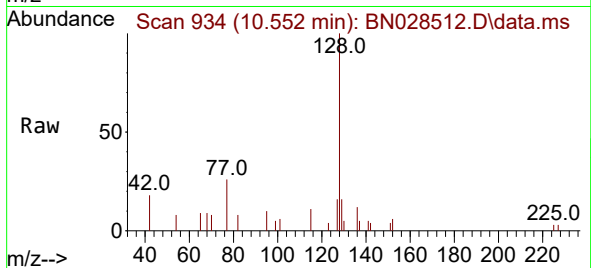
Tgt Ion:128 Resp: 3109

Ion Ratio Lower Upper

128 100

129 16.4 9.1 13.7#

127 16.3 10.6 15.8#



#11

2-Methylnaphthalene-d10

Concen: 0.353 ng

RT: 12.098 min Scan# 1179

Delta R.T. -0.004 min

Lab File: BN028512.D

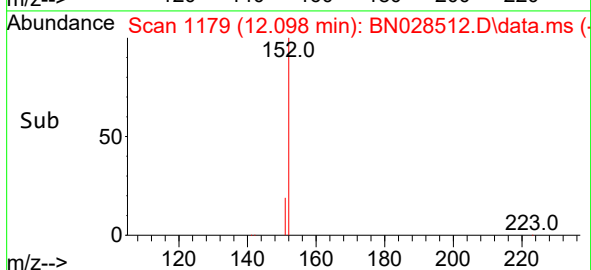
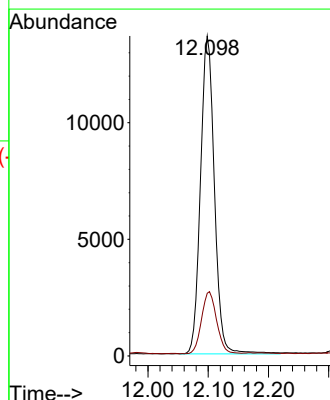
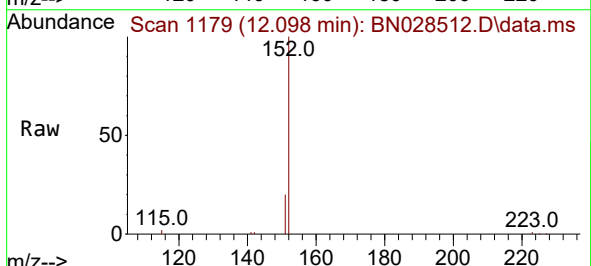
Acq: 08 Nov 2023 23:19

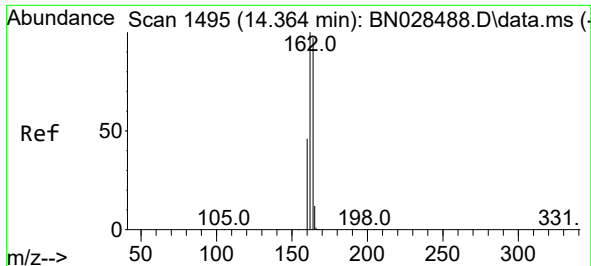
Tgt Ion:152 Resp: 21868

Ion Ratio Lower Upper

152 100

151 21.0 16.1 24.1

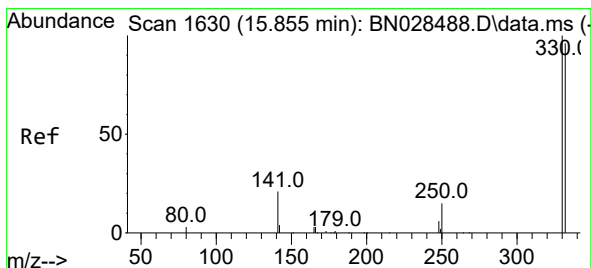
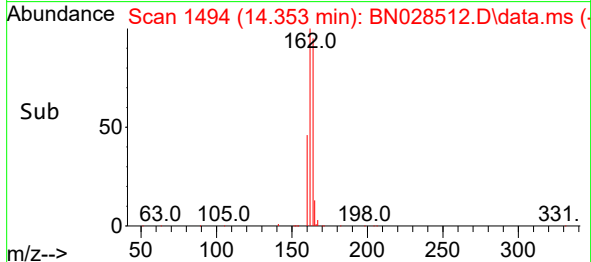
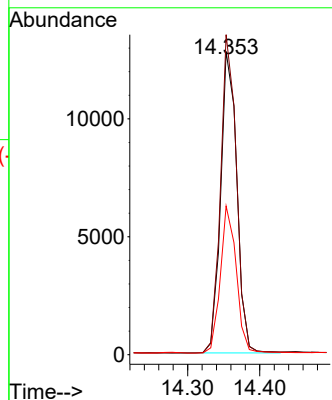
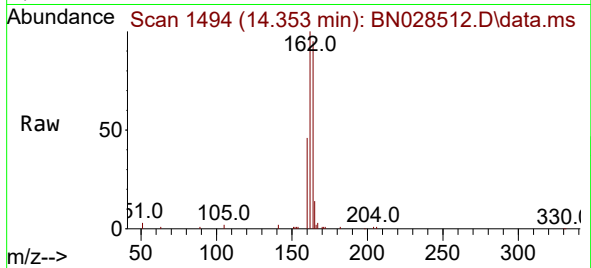




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.353 min Scan# 1494
Delta R.T. -0.011 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

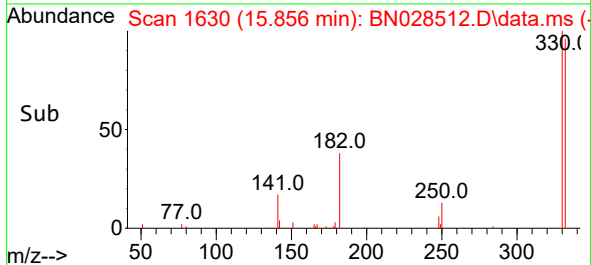
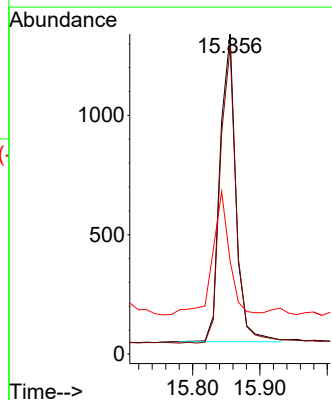
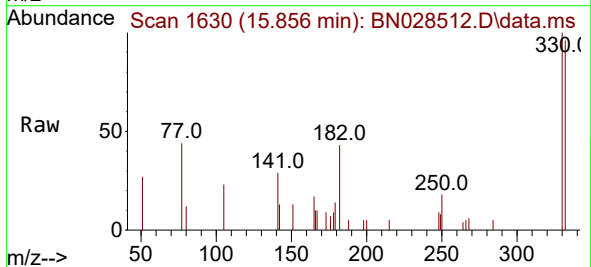
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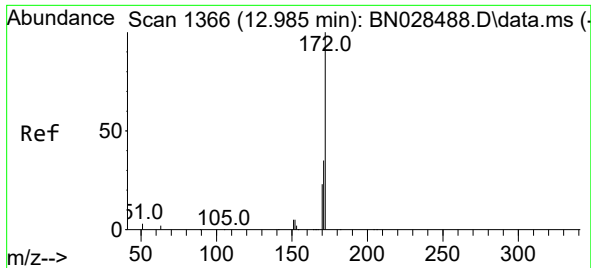
Tgt Ion:164 Resp: 19826
Ion Ratio Lower Upper
164 100
162 105.6 82.5 123.7
160 49.1 38.1 57.1



#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 15.856 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

Tgt Ion:330 Resp: 2099
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.4
141 42.0 32.6 49.0

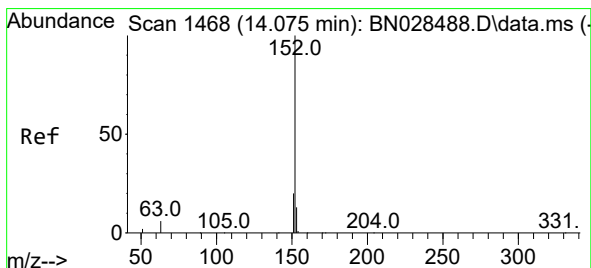
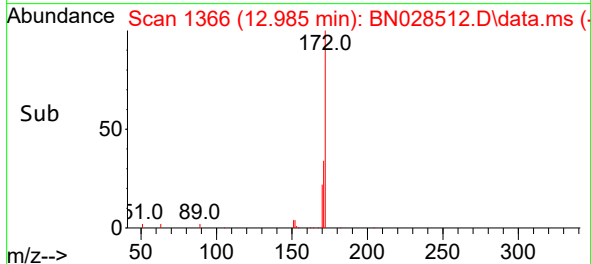
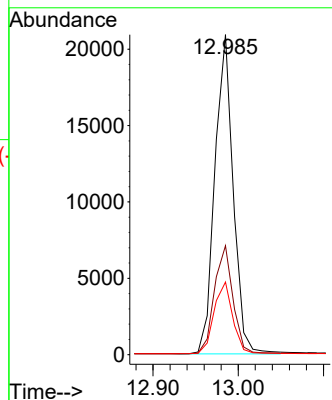
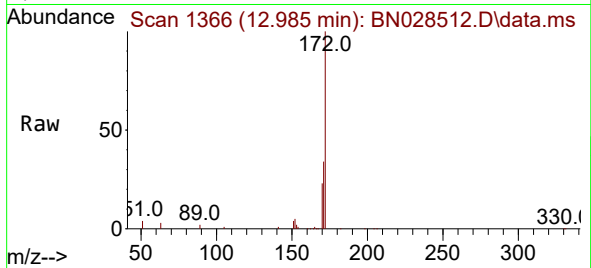




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.985 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

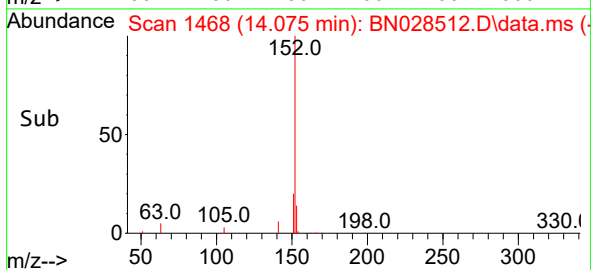
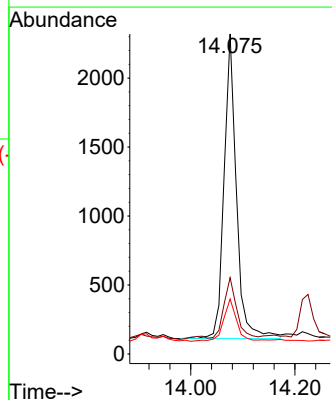
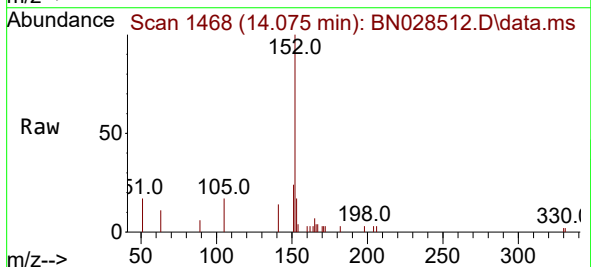
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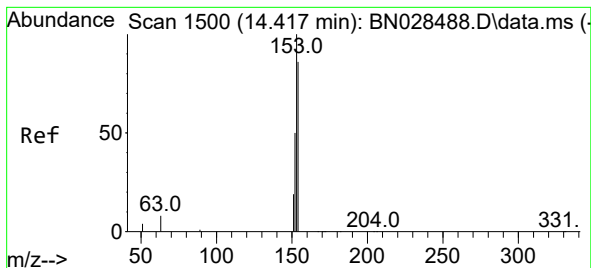
Tgt Ion:172 Resp: 31225
Ion Ratio Lower Upper
172 100
171 34.0 27.9 41.9
170 22.7 18.9 28.3



#16
Acenaphthylene
Concen: 0.035 ng
RT: 14.075 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

Tgt Ion:152 Resp: 3652
Ion Ratio Lower Upper
152 100
151 20.5 15.4 23.0
153 14.8 10.5 15.7





#17

Acenaphthene

Concen: 0.063 ng

RT: 14.418 min Scan# 1500

Delta R.T. 0.000 min

Lab File: BN028512.D

Acq: 08 Nov 2023 23:19

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE

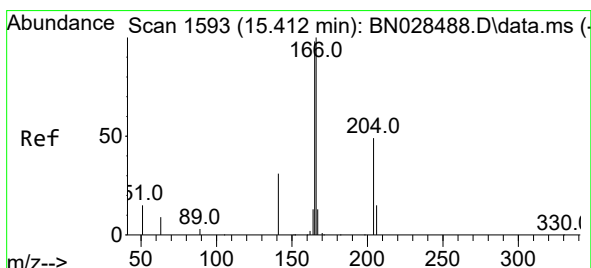
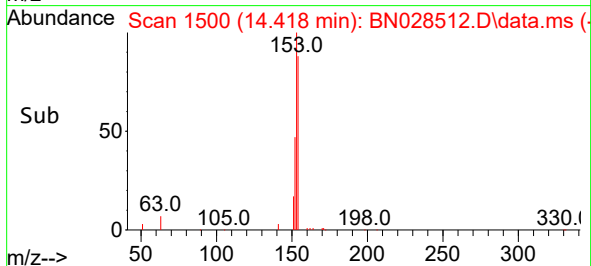
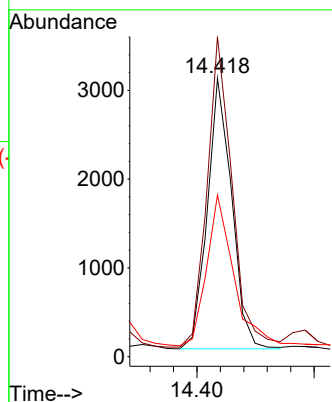
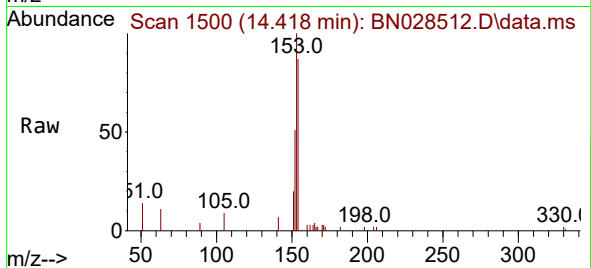
Tgt Ion:154 Resp: 4399

Ion Ratio Lower Upper

154 100

153 117.1 92.0 138.0

152 62.6 45.4 68.0



#18

Fluorene

Concen: 0.034 ng

RT: 15.412 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BN028512.D

Acq: 08 Nov 2023 23:19

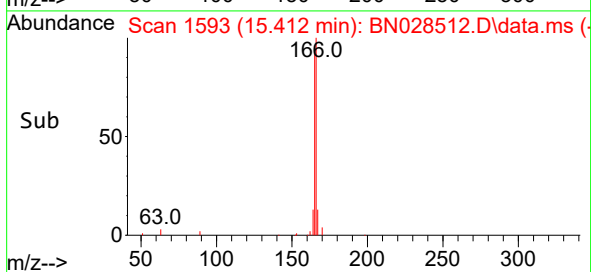
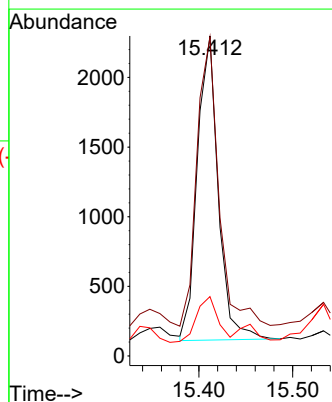
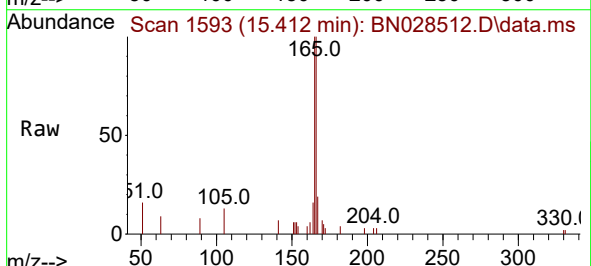
Tgt Ion:166 Resp: 3385

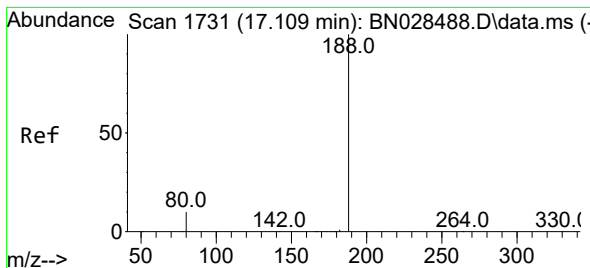
Ion Ratio Lower Upper

166 100

165 99.6 78.5 117.7

167 15.5 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN028512.D

Acq: 08 Nov 2023 23:19

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE

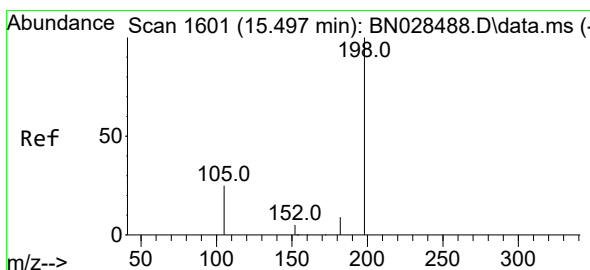
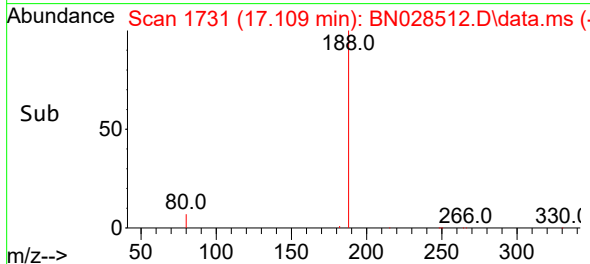
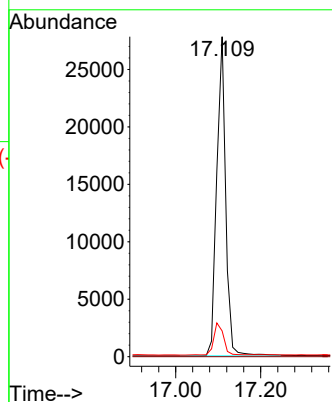
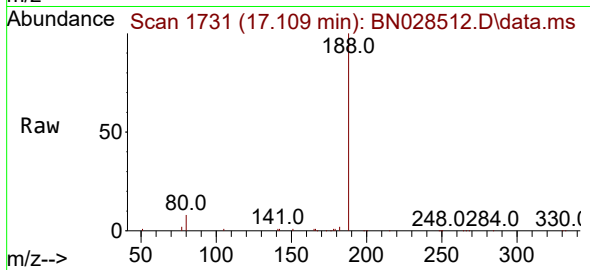
Tgt Ion:188 Resp: 40675

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 8.3 12.5#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.180 ng

RT: 15.497 min Scan# 1601

Delta R.T. 0.000 min

Lab File: BN028512.D

Acq: 08 Nov 2023 23:19

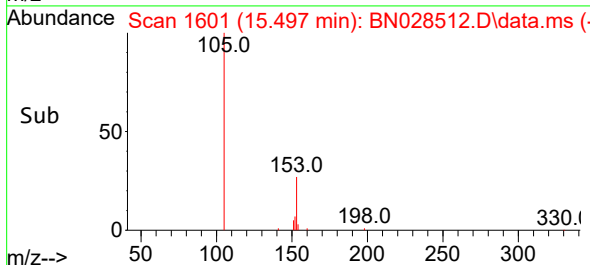
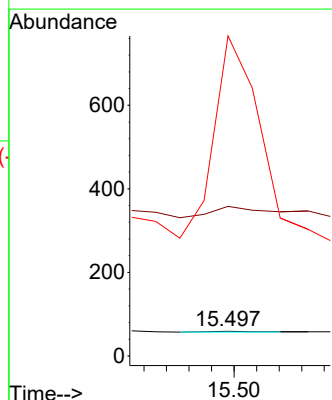
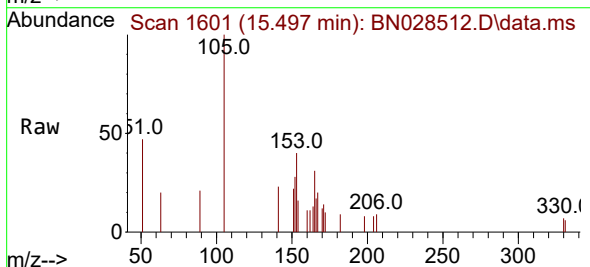
Tgt Ion:198 Resp: 3

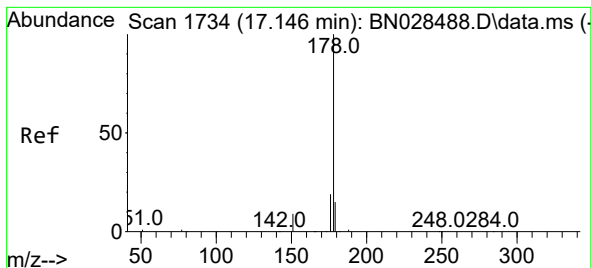
Ion Ratio Lower Upper

198 100

51 606.8 42.1 63.1#

105 1298.3 32.6 48.8#





#25

Phenanthrene

Concen: 0.460 ng

RT: 17.146 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN028512.D

Acq: 08 Nov 2023 23:19

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE

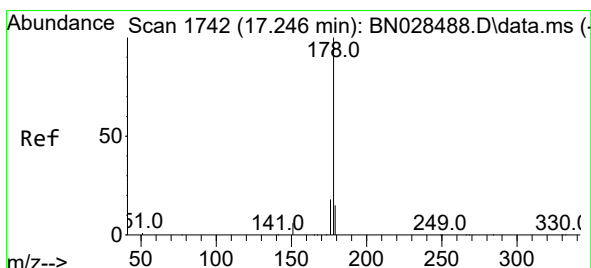
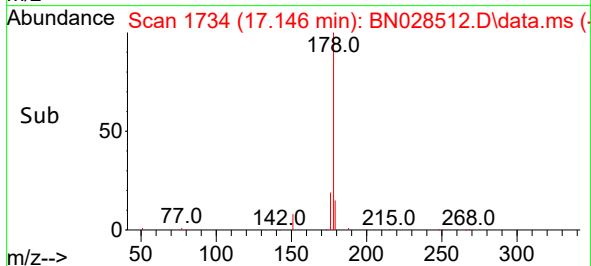
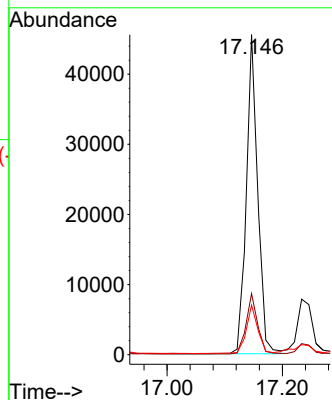
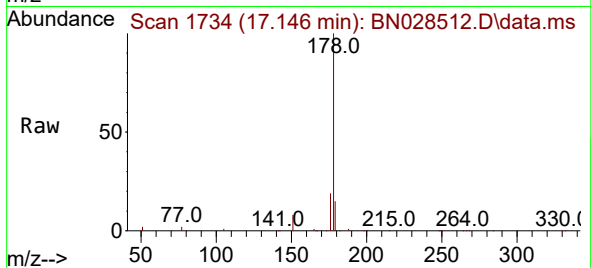
Tgt Ion:178 Resp: 62094

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.4 12.5 18.7



#26

Anthracene

Concen: 0.101 ng

RT: 17.233 min Scan# 1741

Delta R.T. -0.012 min

Lab File: BN028512.D

Acq: 08 Nov 2023 23:19

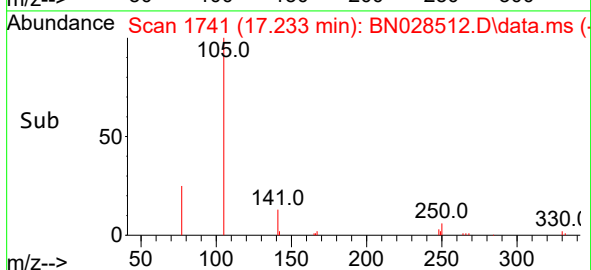
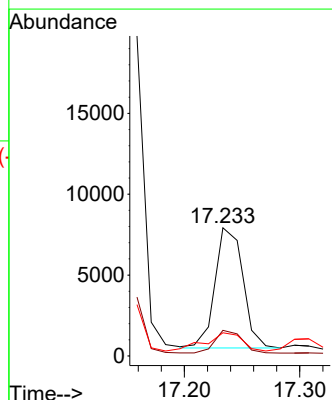
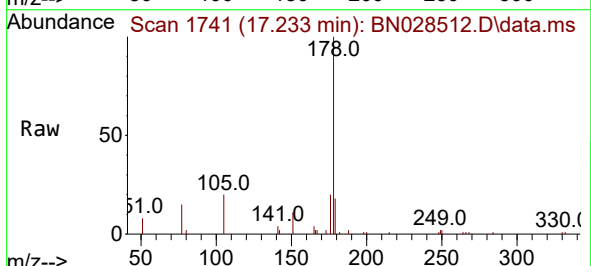
Tgt Ion:178 Resp: 12499

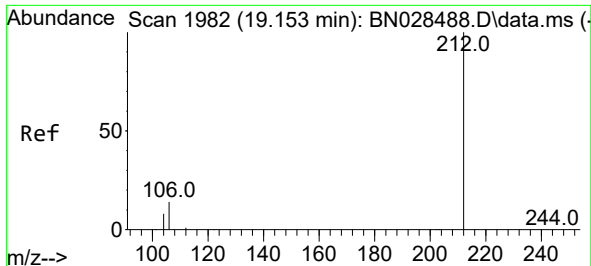
Ion Ratio Lower Upper

178 100

176 20.0 14.8 22.2

179 20.0 12.2 18.4#

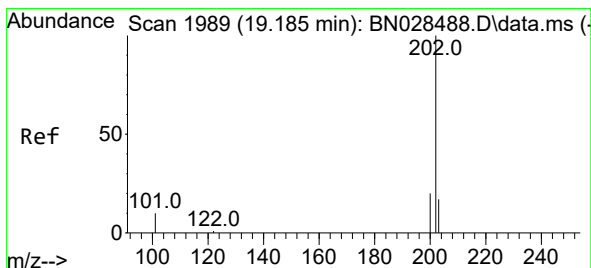
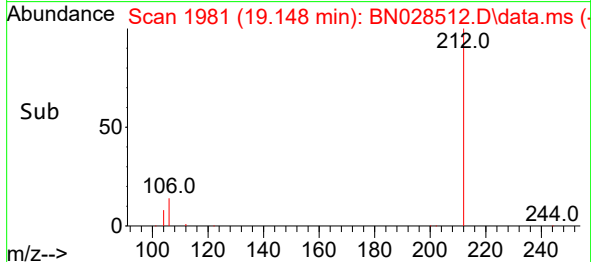
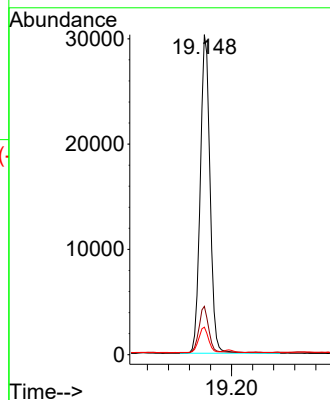
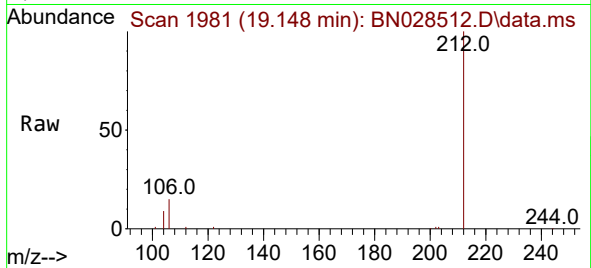




#27
Fluoranthene-d10
Concen: 0.315 ng
RT: 19.148 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

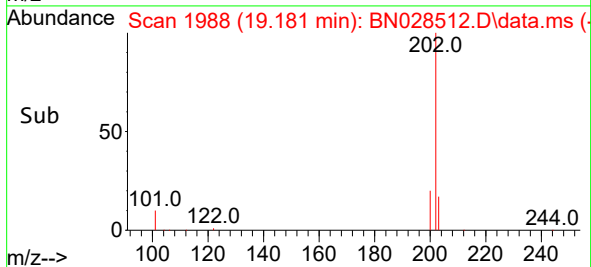
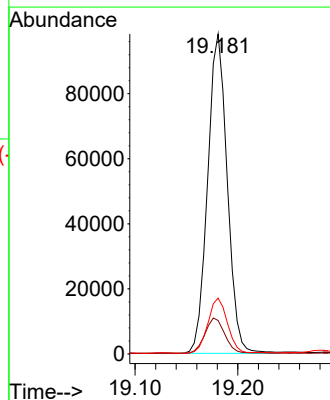
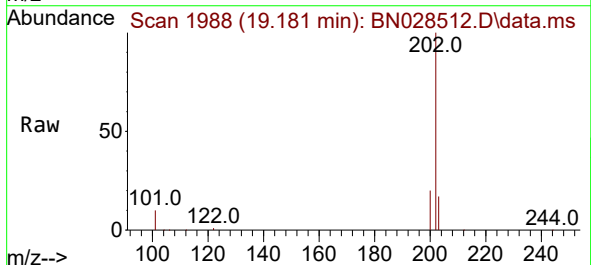
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

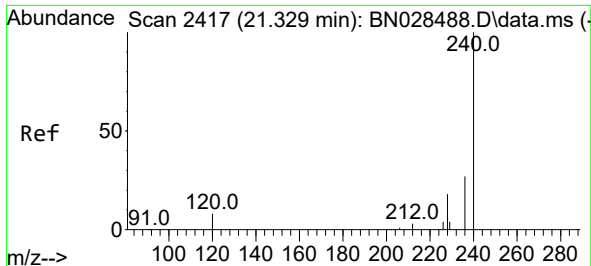
Tgt Ion:212 Resp: 39087
Ion Ratio Lower Upper
212 100
106 14.5 11.5 17.3
104 8.1 6.4 9.6



#28
Fluoranthene
Concen: 0.804 ng
RT: 19.181 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

Tgt Ion:202 Resp: 130001
Ion Ratio Lower Upper
202 100
101 11.3 9.1 13.7
203 17.3 13.7 20.5

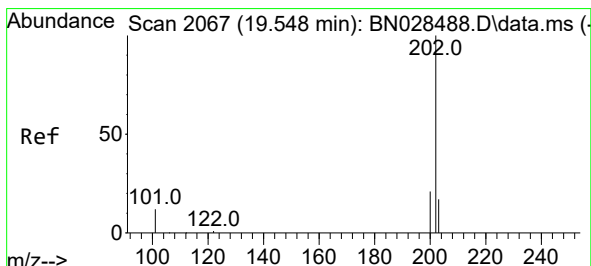
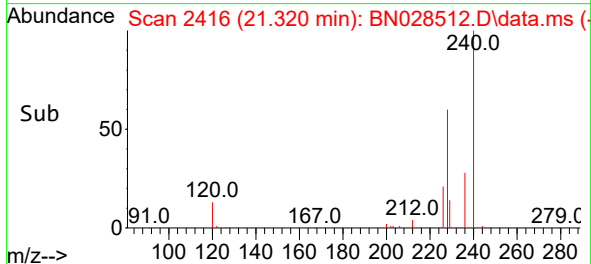
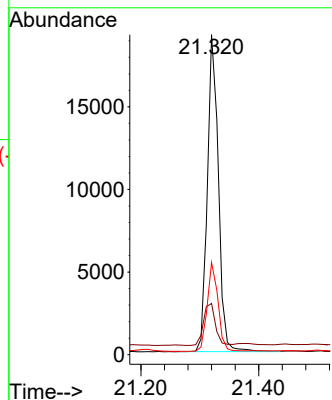
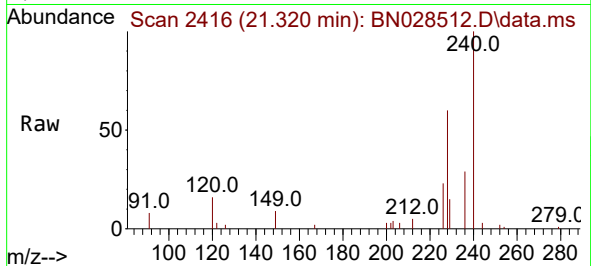




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.320 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

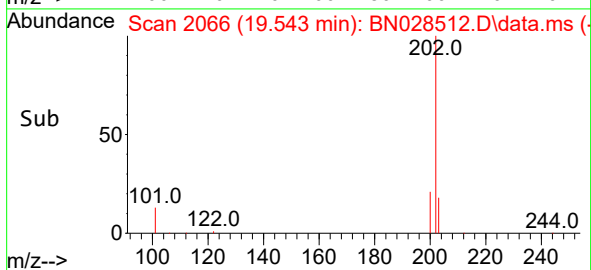
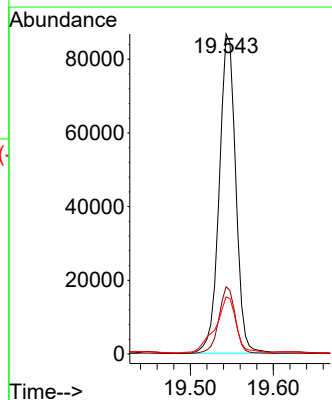
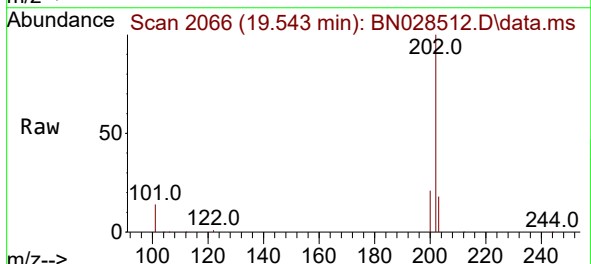
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

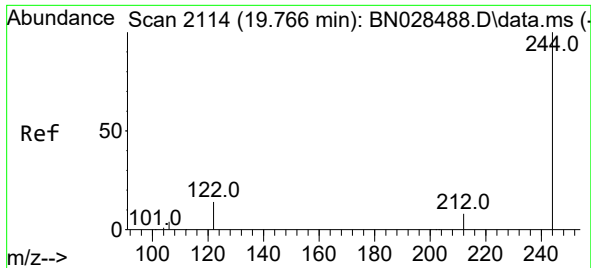
Tgt Ion:240 Resp: 24952
Ion Ratio Lower Upper
240 100
120 16.0 7.6 11.4#
236 28.8 21.9 32.9



#30
Pyrene
Concen: 1.005 ng
RT: 19.543 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

Tgt Ion:202 Resp: 119479
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 22.0 14.3 21.5#

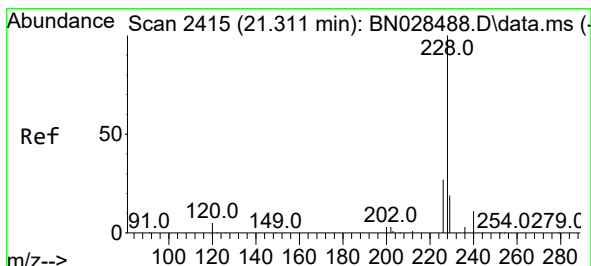
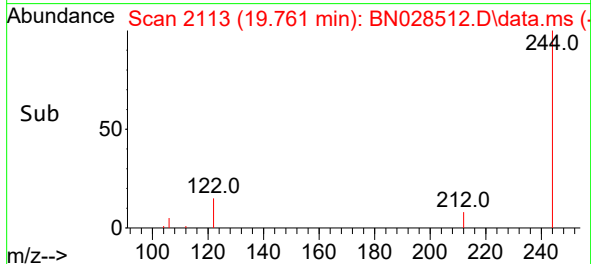
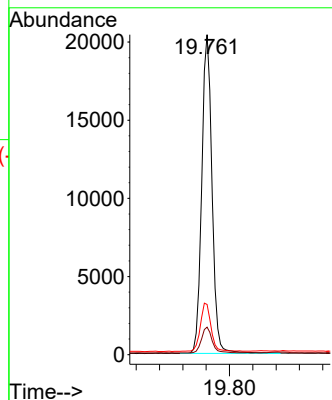
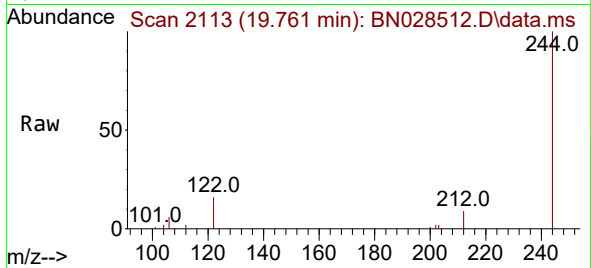




#31
Terphenyl-d14
Concen: 0.378 ng
RT: 19.761 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

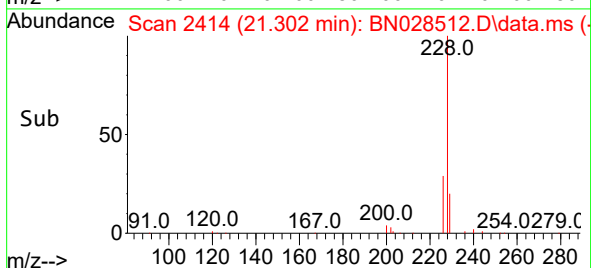
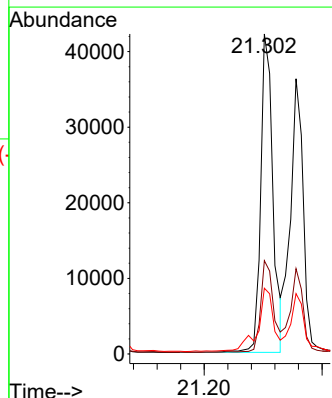
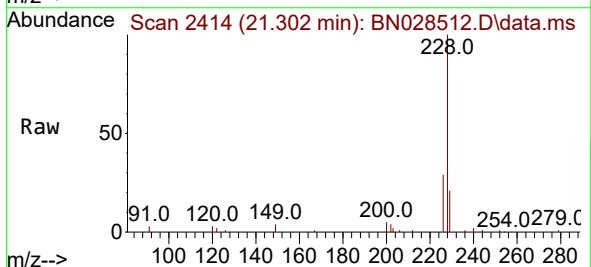
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

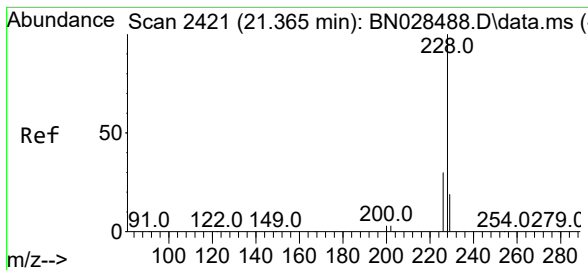
Tgt Ion:244 Resp: 25072
Ion Ratio Lower Upper
244 100
212 8.6 6.6 9.8
122 15.7 11.4 17.2



#32
Benzo(a)anthracene
Concen: 0.581 ng
RT: 21.302 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

Tgt Ion:228 Resp: 60557
Ion Ratio Lower Upper
228 100
226 29.1 21.4 32.2
229 20.6 15.7 23.5





#33

Chrysene

Concen: 0.519 ng

RT: 21.356 min Scan# 2409

Delta R.T. -0.009 min

Lab File: BN028512.D

Acq: 08 Nov 2023 23:19

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE

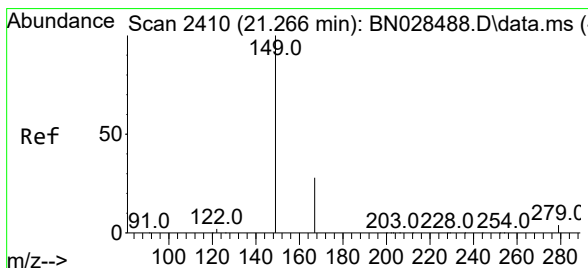
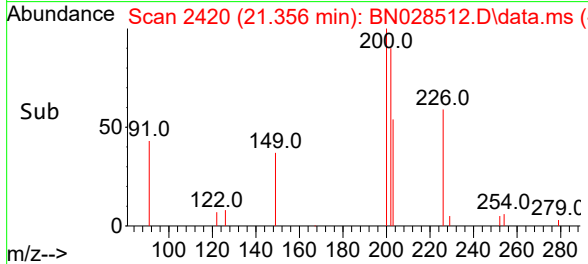
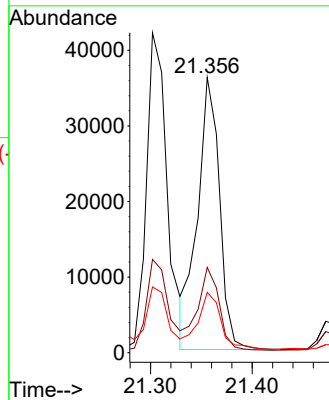
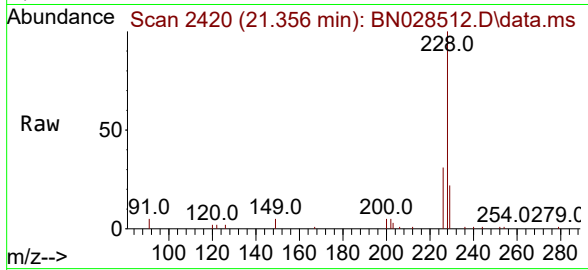
Tgt Ion:228 Resp: 54037

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.8

229 21.9 15.7 23.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.571 ng

RT: 21.257 min Scan# 2409

Delta R.T. -0.009 min

Lab File: BN028512.D

Acq: 08 Nov 2023 23:19

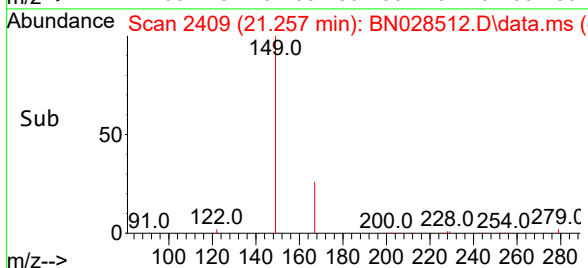
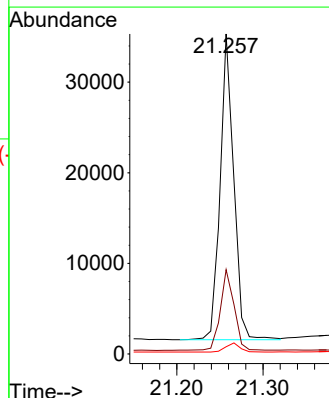
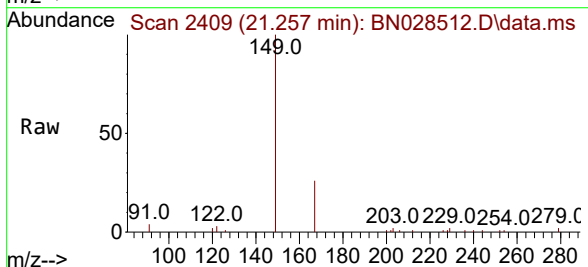
Tgt Ion:149 Resp: 36809

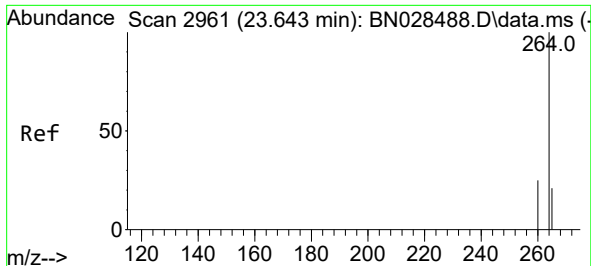
Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

279 3.0 2.6 3.8

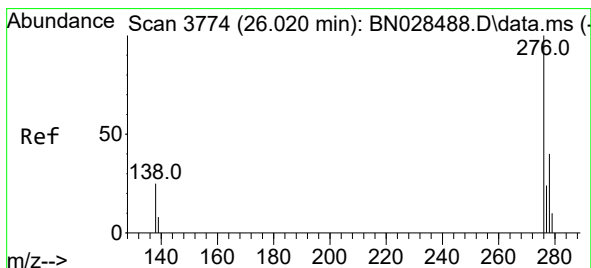
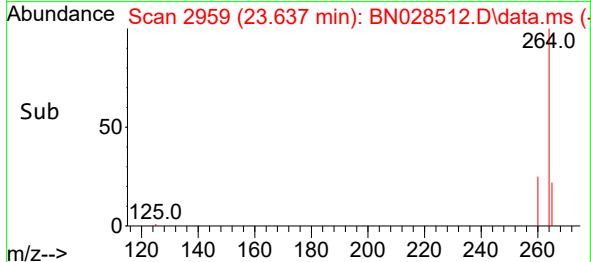
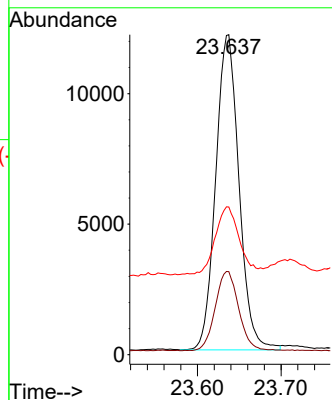
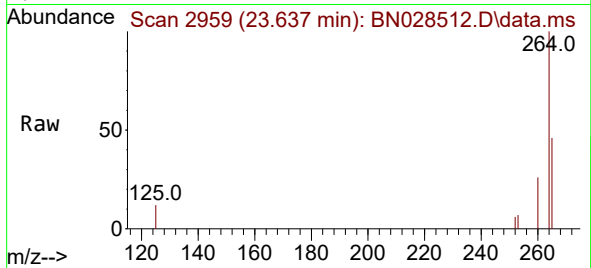




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.637 min Scan# 2959
 Delta R.T. -0.006 min
 Lab File: BN028512.D
 Acq: 08 Nov 2023 23:19

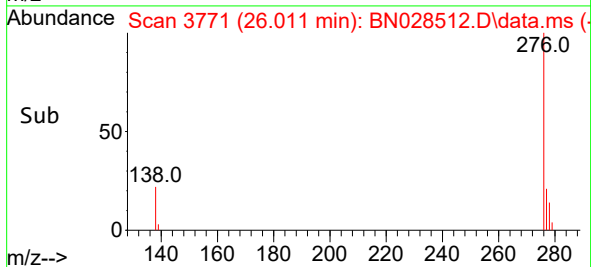
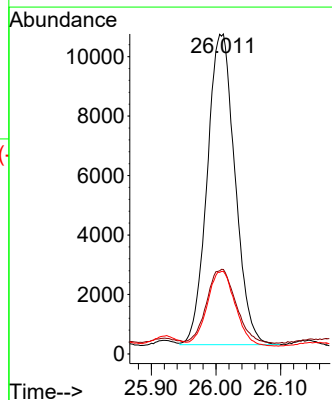
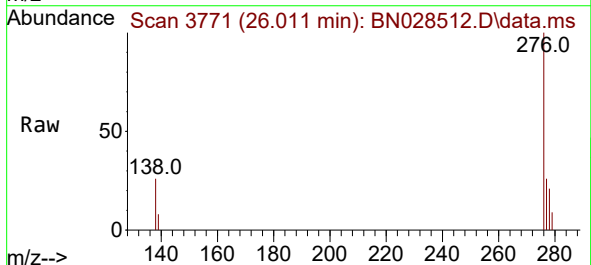
Instrument :
 BNA_N
 ClientSampleId :
 PE-6-NORTHSIDE-BASE

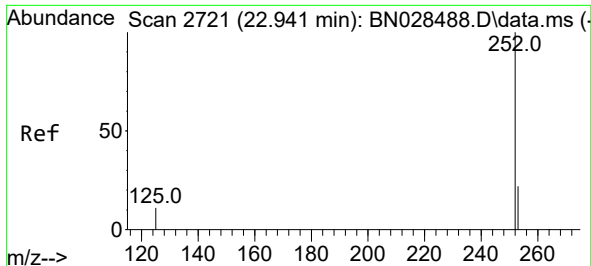
Tgt Ion:264 Resp: 23377
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.7 31.1
 265 46.2 31.6 47.4



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.330 ng
 RT: 26.011 min Scan# 3771
 Delta R.T. -0.009 min
 Lab File: BN028512.D
 Acq: 08 Nov 2023 23:19

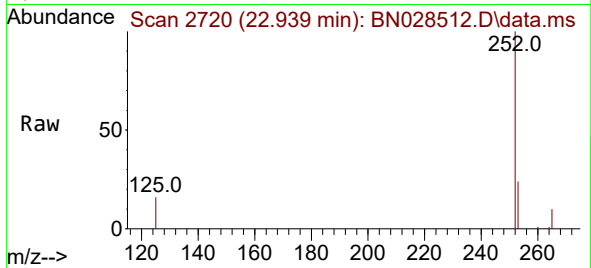
Tgt Ion:276 Resp: 31146
 Ion Ratio Lower Upper
 276 100
 138 25.0 22.4 33.6
 277 24.7 19.8 29.6



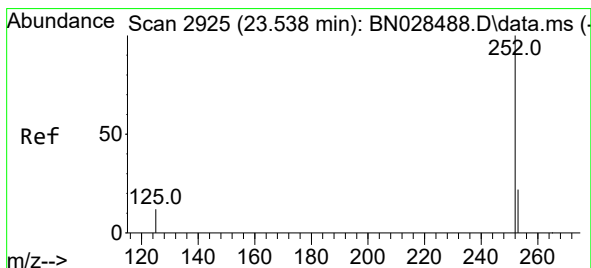
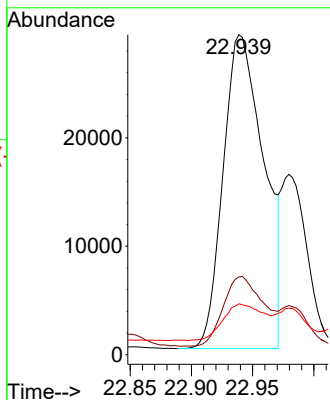


#37
Benzo(b)fluoranthene
Concen: 0.697 ng
RT: 22.939 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

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

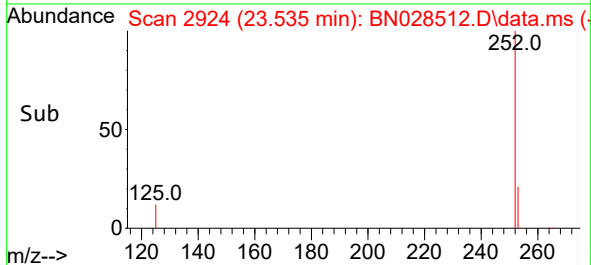
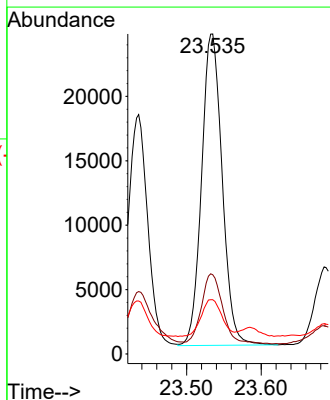
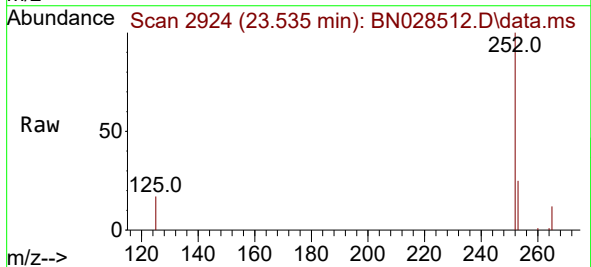


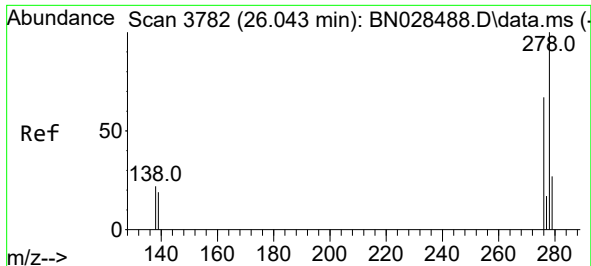
Tgt Ion:252 Resp: 67132
Ion Ratio Lower Upper
252 100
253 24.3 18.6 27.8
125 15.9 11.4 17.0



#39
Benzo(a)pyrene
Concen: 0.564 ng
RT: 23.535 min Scan# 2924
Delta R.T. -0.003 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

Tgt Ion:252 Resp: 46394
Ion Ratio Lower Upper
252 100
253 24.8 19.3 28.9
125 17.0 13.3 19.9

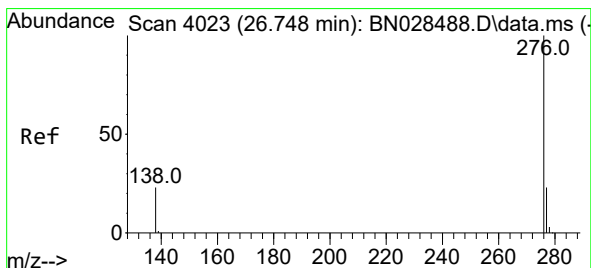
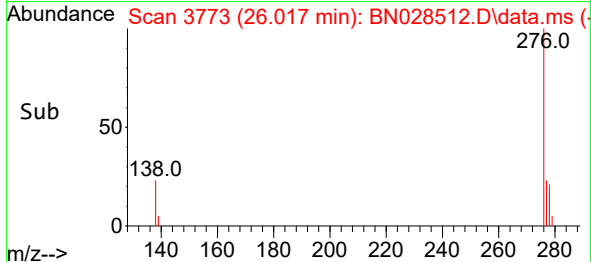
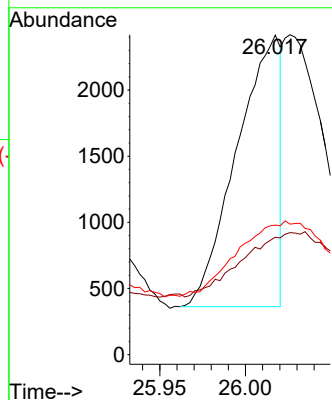
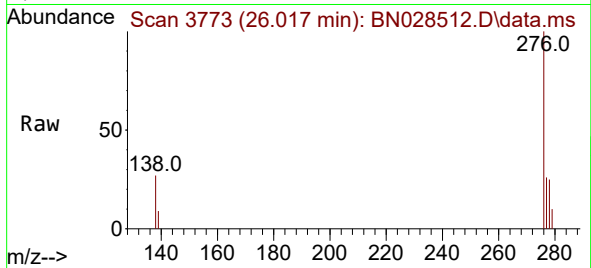




#40
Dibenzo(a,h)anthracene
Concen: 0.049 ng
RT: 26.017 min Scan# 31
Delta R.T. -0.026 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

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

Tgt Ion:278 Resp: 3637
Ion Ratio Lower Upper
278 100
139 36.8 17.0 25.6#
279 40.6 23.8 35.8#



#41
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 26.736 min Scan# 4019
Delta R.T. -0.012 min
Lab File: BN028512.D
Acq: 08 Nov 2023 23:19

Tgt Ion:276 Resp: 31254
Ion Ratio Lower Upper
276 100
277 25.5 19.5 29.3
138 27.2 20.1 30.1

