

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028240.D
 Acq On : 11 Oct 2023 19:38
 Operator : MA/JU
 Sample : 04819-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-AP-01-100923

Quant Time: Oct 12 04:05:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 04:03:12 2023
 Response via : Initial Calibration

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

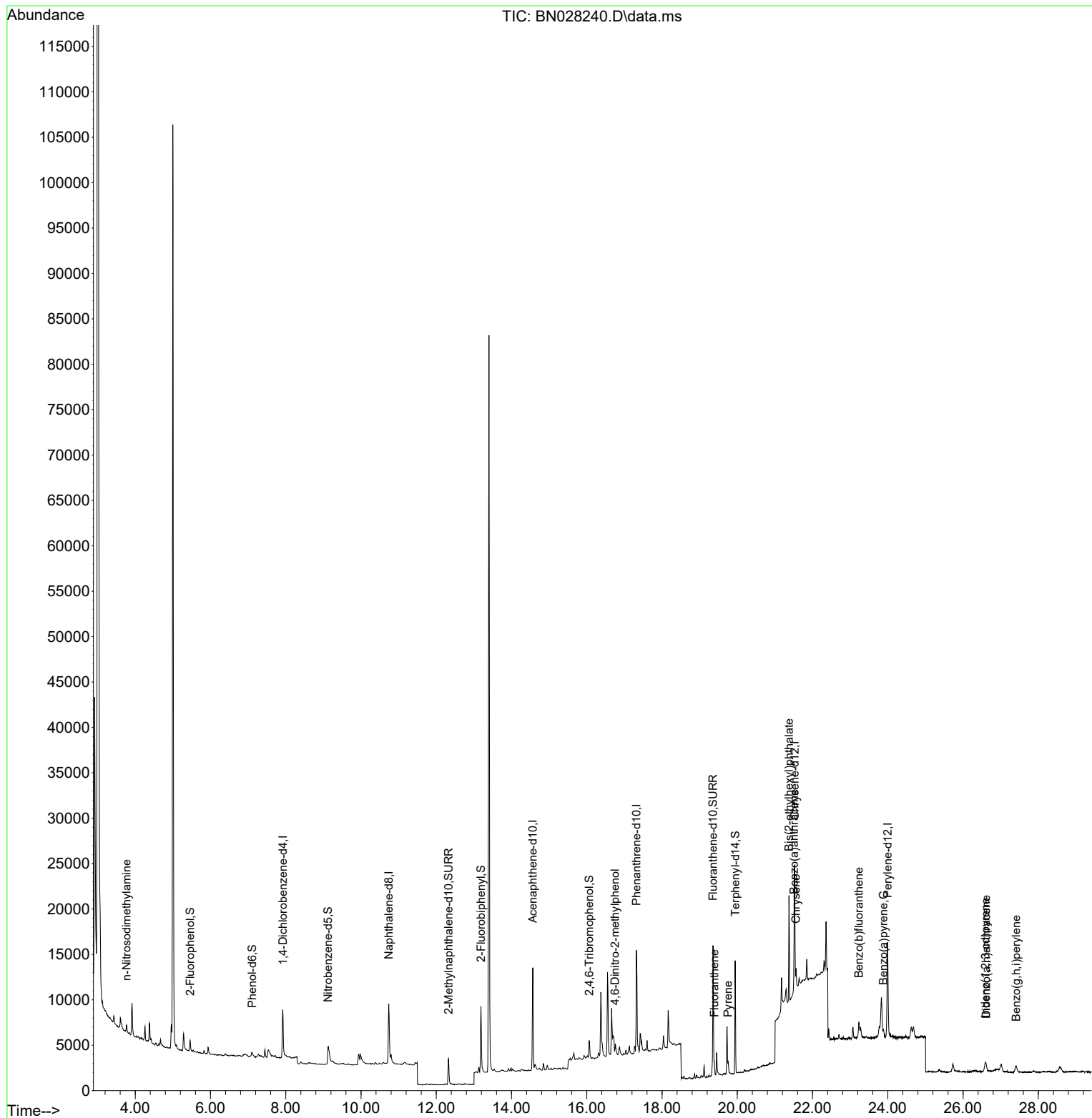
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	3109	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	10739	0.400	ng	# 0.00
13) Acenaphthene-d10	14.566	164	7049	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	15511	0.400	ng	# 0.00
29) Chrysene-d12	21.524	240	14521	0.400	ng	0.00
35) Perylene-d12	23.996	264	15072	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	1203	0.130	ng	0.00
5) Phenol-d6	7.106	99	852	0.073	ng	0.01
8) Nitrobenzene-d5	9.123	82	2439	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.324	152	4731	0.297	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	1185	0.367	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	7159	0.282	ng	0.00
27) Fluoranthene-d10	19.356	212	14888	0.382	ng	0.00
31) Terphenyl-d14	19.946	244	12286	0.363	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.769	42	158	0.040	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.748	198	18	0.087	ng	# 1
28) Fluoranthene	19.388	202	1476	0.031	ng	98
30) Pyrene	19.755	202	1300	0.024	ng	93
32) Benzo(a)anthracene	21.506	228	1556	0.031	ng	# 62
33) Chrysene	21.560	228	2034	0.043	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.372	149	10254	0.316	ng	100
36) Indeno(1,2,3-cd)pyrene	26.595	276	1535	0.030	ng	# 91
37) Benzo(b)fluoranthene	23.230	252	2846	0.058	ng	# 1
39) Benzo(a)pyrene	23.885	252	1200	0.026	ng	# 1
40) Dibenzo(a,h)anthracene	26.609	278	892	0.022	ng	# 1
41) Benzo(g,h,i)perylene	27.411	276	1545	0.036	ng	# 25

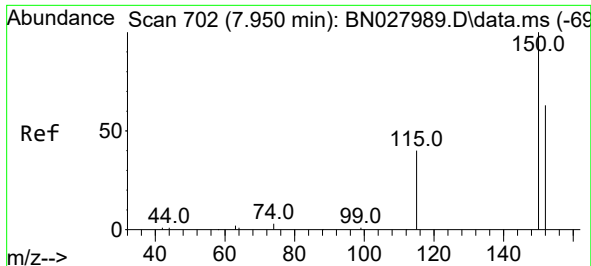
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
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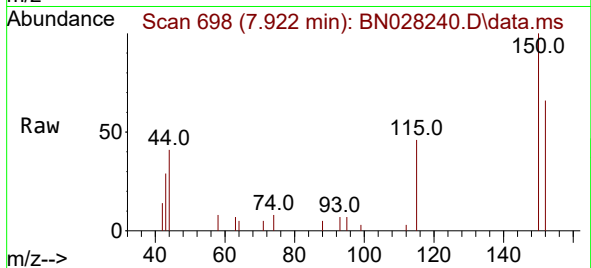
Quant Time: Oct 12 04:05:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 04:03:12 2023
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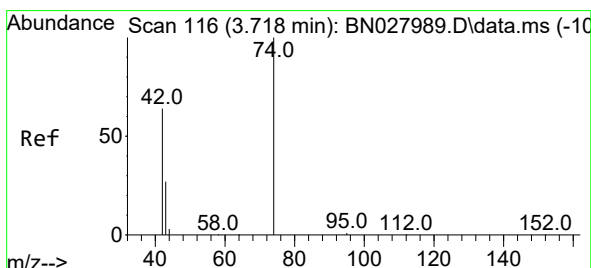
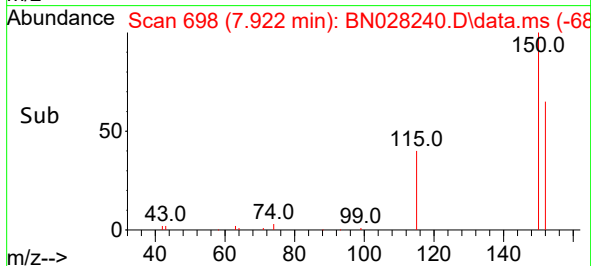
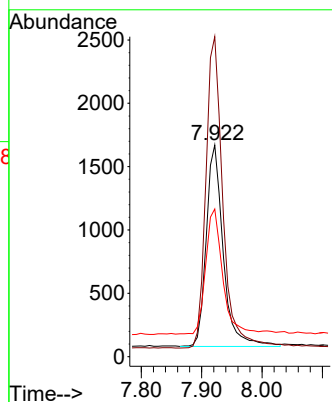


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.922 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028240.D
 Acq: 11 Oct 2023 19:38

Instrument :
 BNA_N
 ClientSampleId :
 SW-AP-01-100923

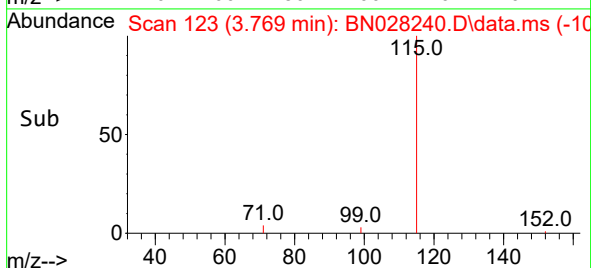
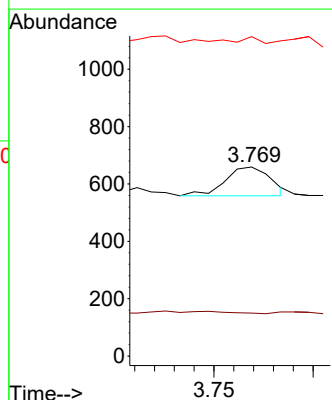
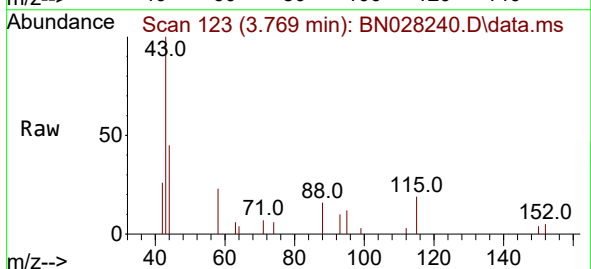


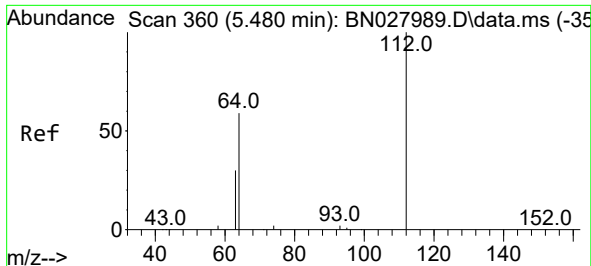
Tgt Ion:152 Resp: 3109
 Ion Ratio Lower Upper
 152 100
 150 151.2 125.6 188.4
 115 69.8 54.8 82.2



#3
 n-Nitrosodimethylamine
 Concen: 0.040 ng
 RT: 3.769 min Scan# 123
 Delta R.T. 0.058 min
 Lab File: BN028240.D
 Acq: 11 Oct 2023 19:38

Tgt Ion: 42 Resp: 158
 Ion Ratio Lower Upper
 42 100
 74 0.0 115.9 173.9#
 44 0.0 8.0 12.0#

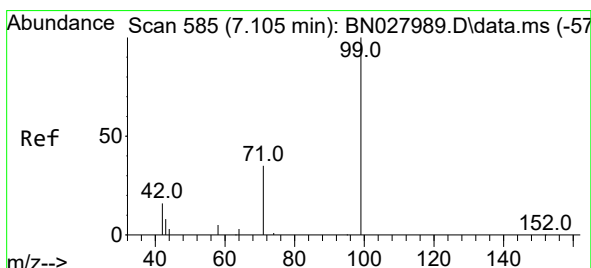
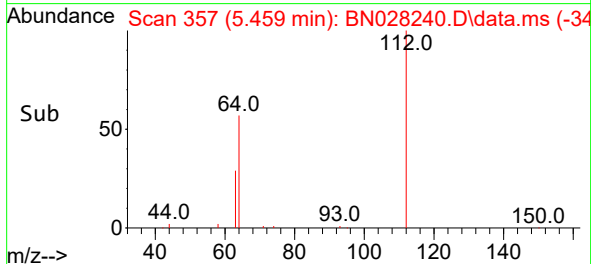
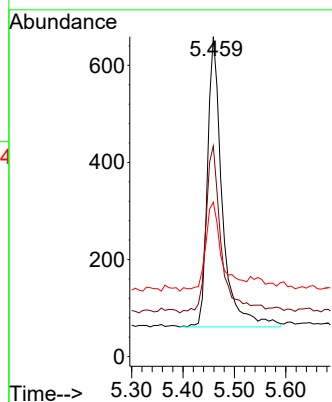
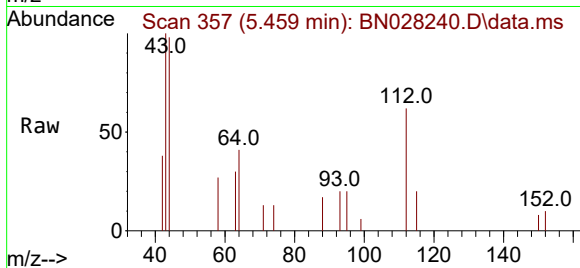




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.459 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

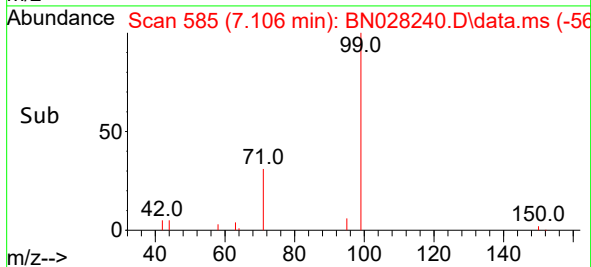
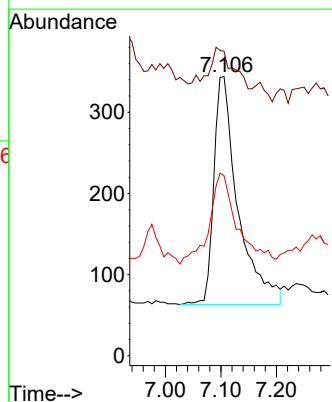
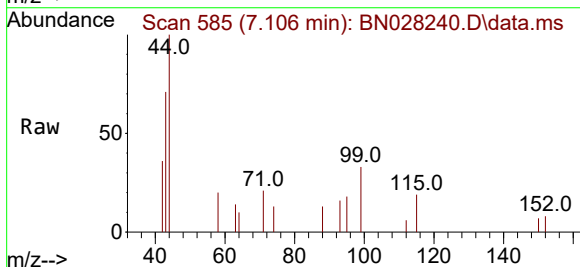
Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

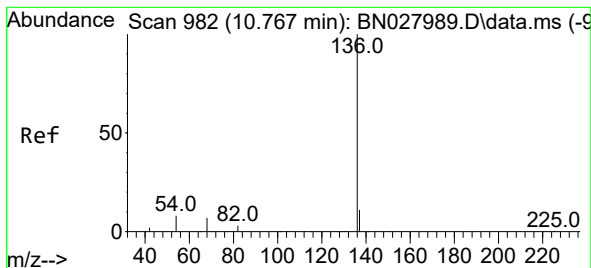
Tgt Ion:112 Resp: 1203
Ion Ratio Lower Upper
112 100
64 60.5 45.0 67.6
63 33.8 23.4 35.0



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.106 min Scan# 585
Delta R.T. 0.014 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

Tgt Ion: 99 Resp: 852
Ion Ratio Lower Upper
99 100
42 17.4 14.6 22.0
71 46.4 28.3 42.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.735 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN028240.D

Acq: 11 Oct 2023 19:38

Instrument :

BNA_N

ClientSampleId :

SW-AP-01-100923

Tgt Ion:136 Resp: 10739

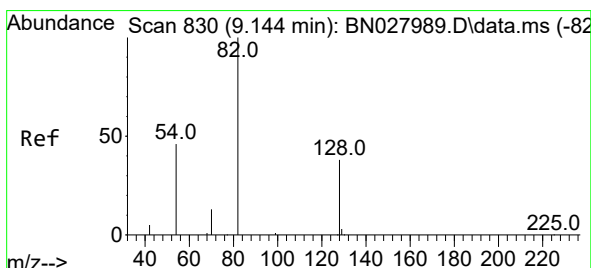
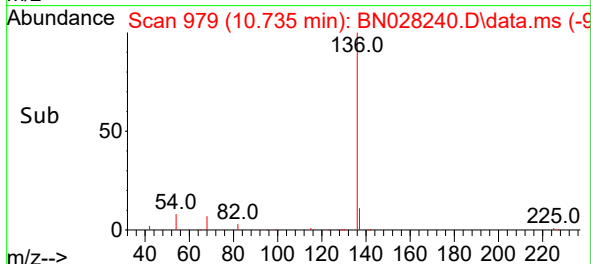
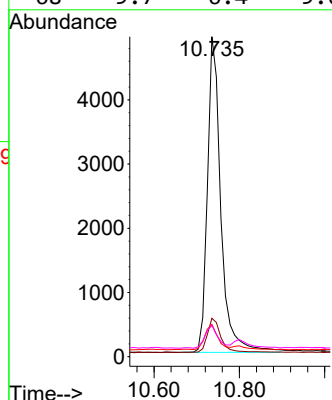
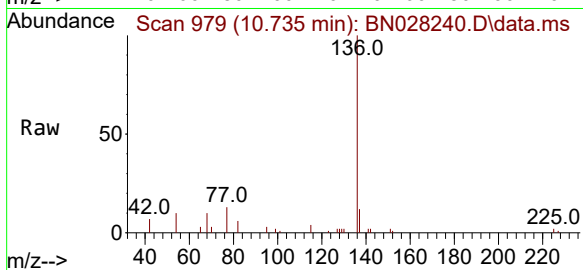
Ion Ratio Lower Upper

136 100

137 12.0 9.4 14.0

54 10.1 7.0 10.6

68 9.7 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.267 ng

RT: 9.123 min Scan# 828

Delta R.T. 0.000 min

Lab File: BN028240.D

Acq: 11 Oct 2023 19:38

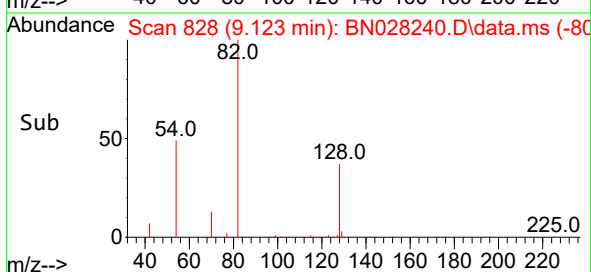
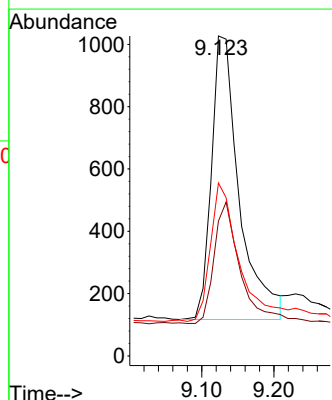
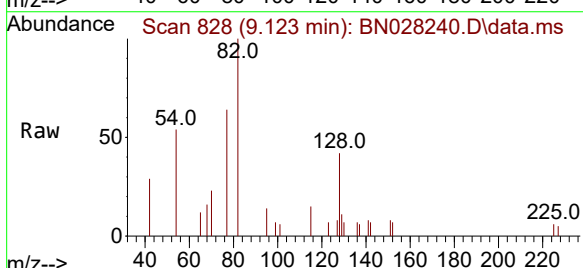
Tgt Ion: 82 Resp: 2439

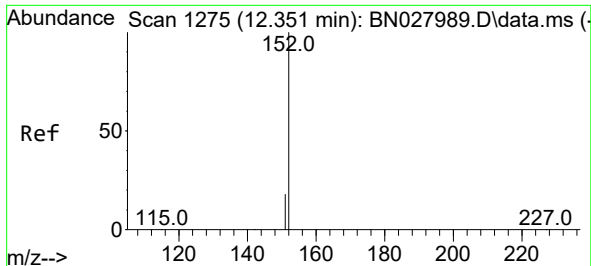
Ion Ratio Lower Upper

82 100

128 42.2 32.7 49.1

54 54.0 38.7 58.1

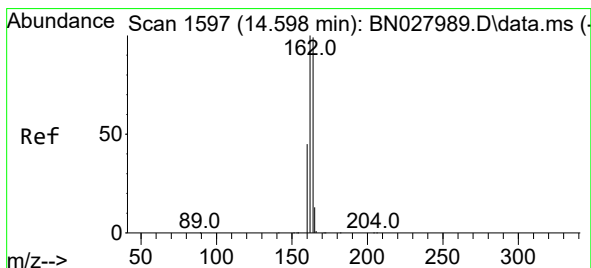
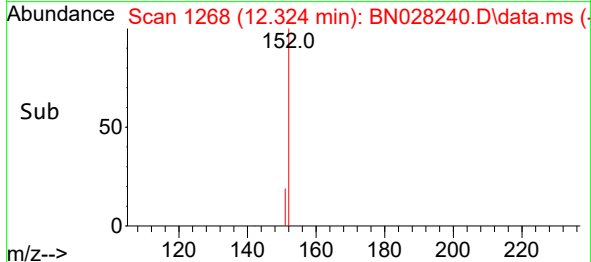
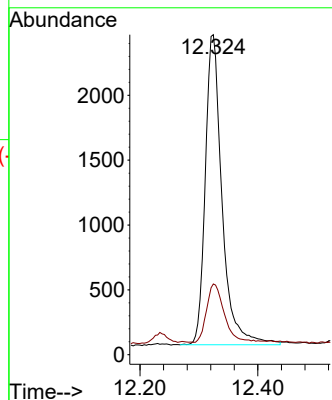
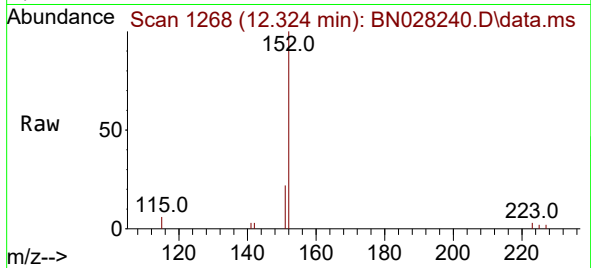




#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.324 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

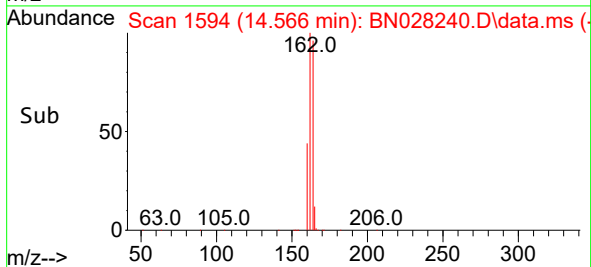
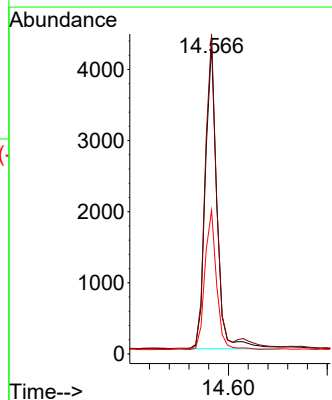
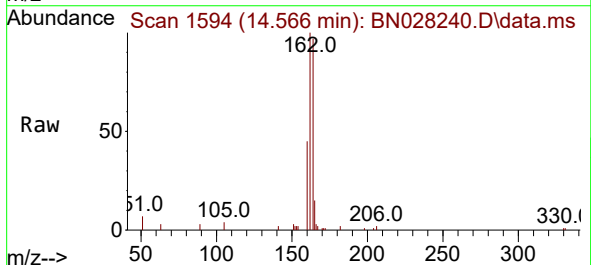
Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

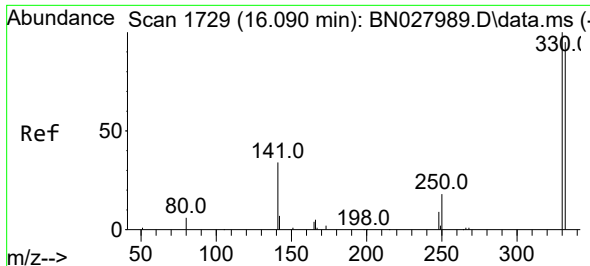
Tgt Ion:152 Resp: 4731
Ion Ratio Lower Upper
152 100
151 19.9 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

Tgt Ion:164 Resp: 7049
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 46.4 36.4 54.6

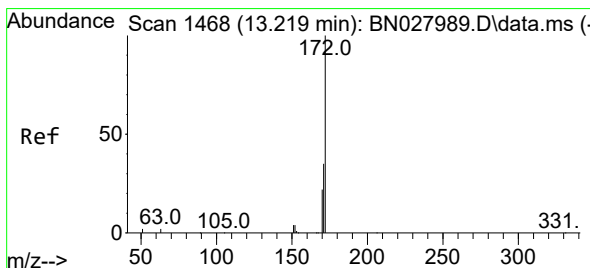
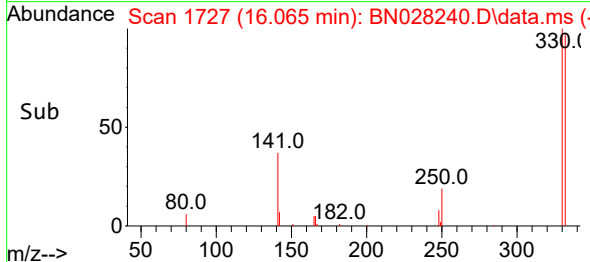
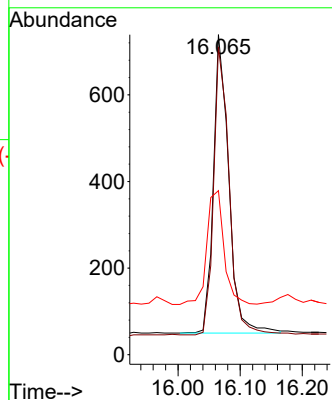
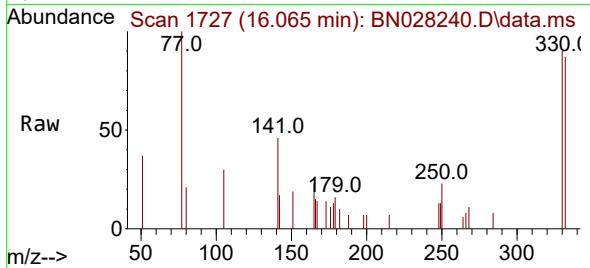




#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 16.065 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

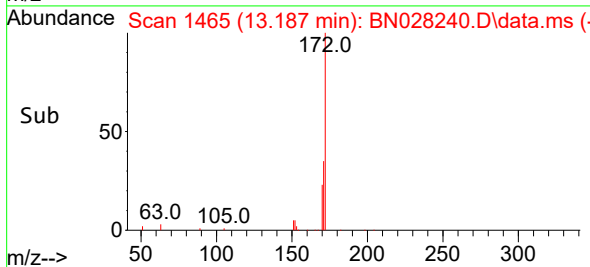
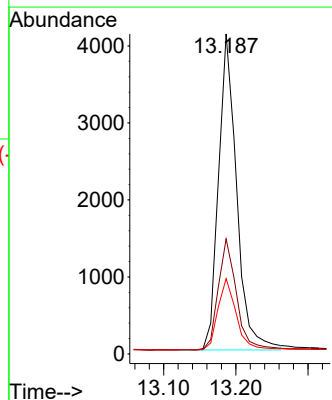
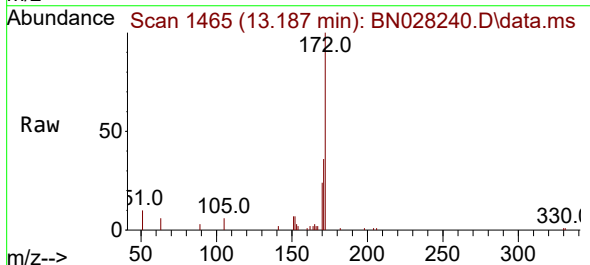
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BNA_N
ClientSampleId :
SW-AP-01-100923

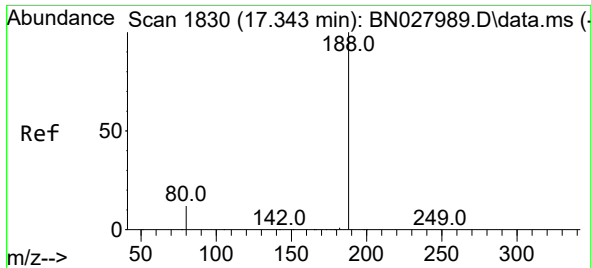
Tgt Ion:330 Resp: 1185
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 42.7 33.4 50.2



#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 13.187 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

Tgt Ion:172 Resp: 7159
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 23.5 18.4 27.6

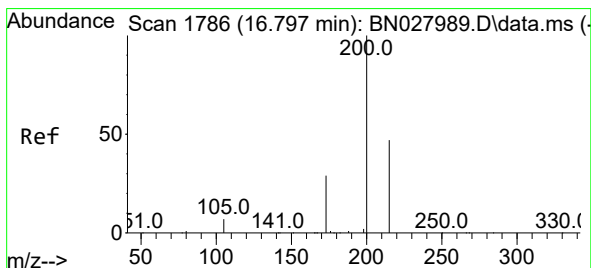
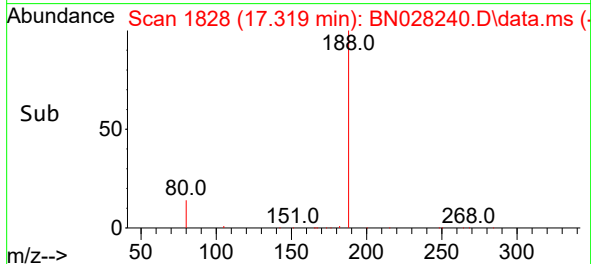
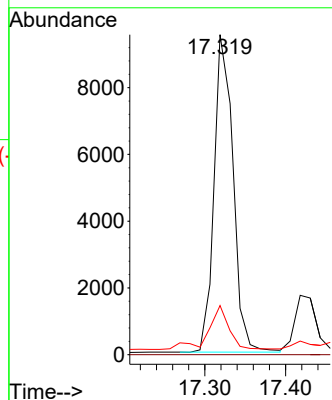
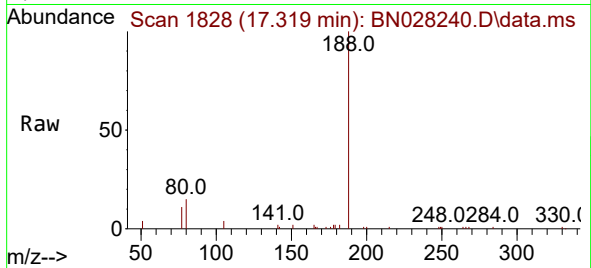




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.319 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

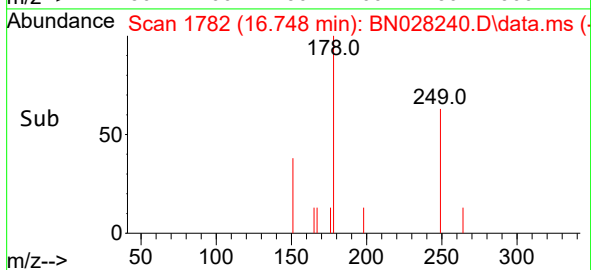
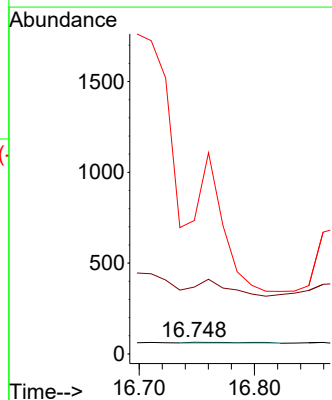
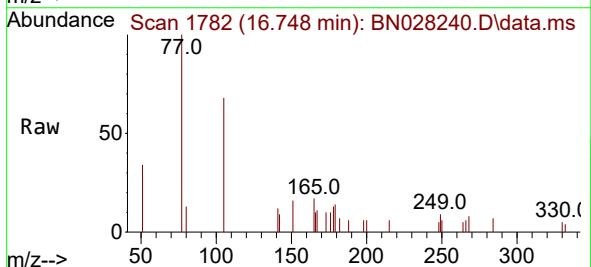
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SW-AP-01-100923

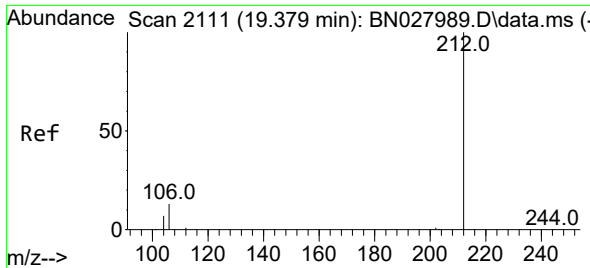
Tgt Ion:188 Resp: 15511
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 10.2 15.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.087 ng
RT: 16.748 min Scan# 1782
Delta R.T. -0.037 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 575.0 180.7 271.1#
105 1148.4 222.2 333.2#

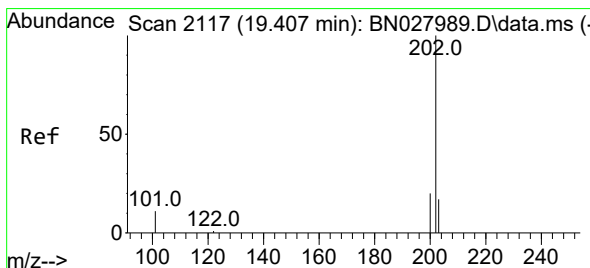
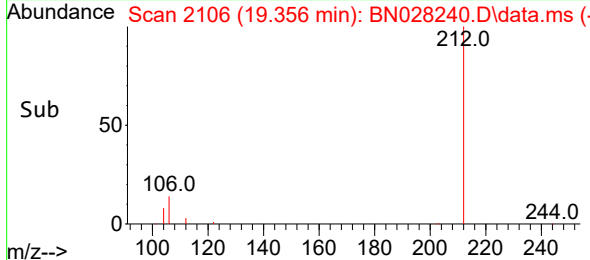
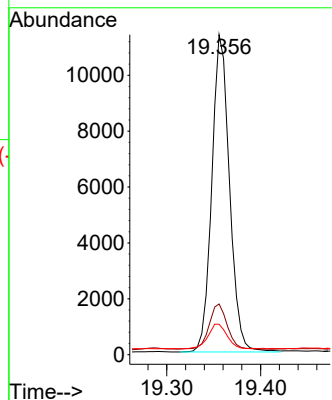
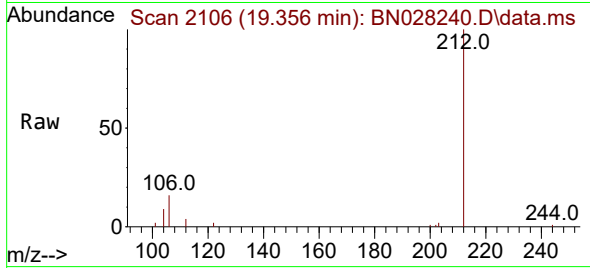




#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.356 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

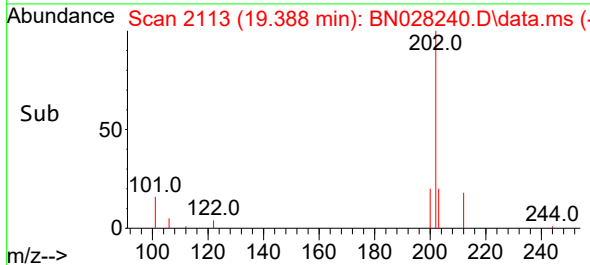
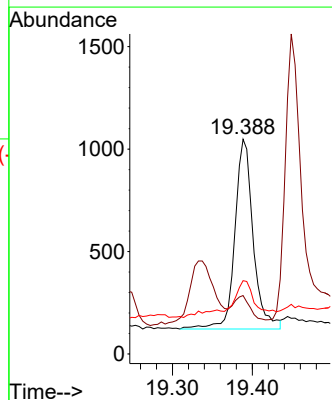
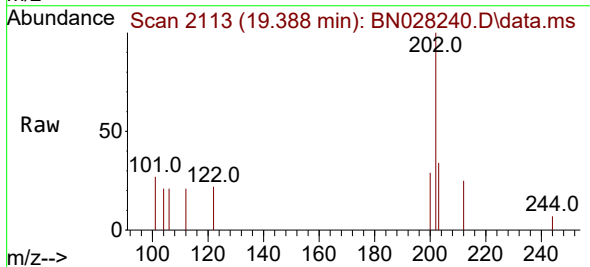
Instrument :
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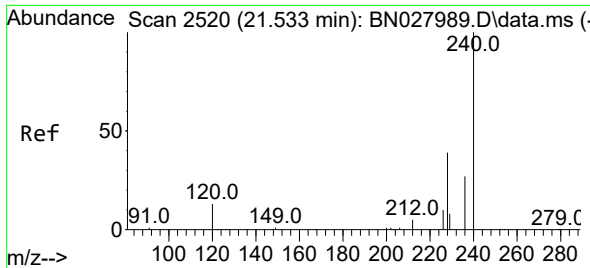
Tgt Ion:212 Resp: 14888
Ion Ratio Lower Upper
212 100
106 15.0 11.3 16.9
104 8.4 6.4 9.6



#28
Fluoranthene
Concen: 0.031 ng
RT: 19.388 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

Tgt Ion:202 Resp: 1476
Ion Ratio Lower Upper
202 100
101 13.1 9.8 14.6
203 16.2 13.8 20.8

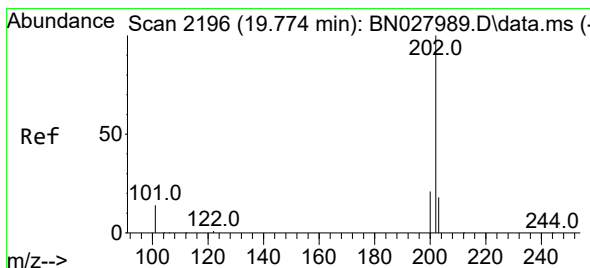
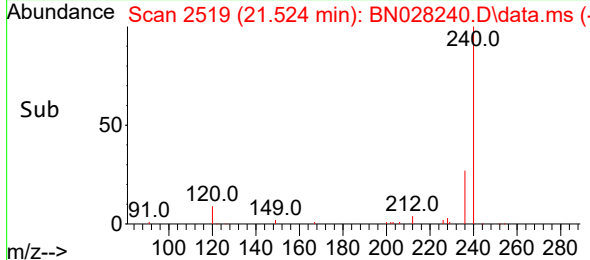
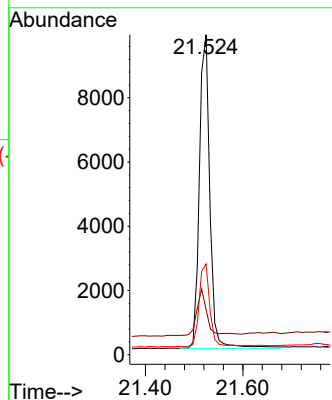
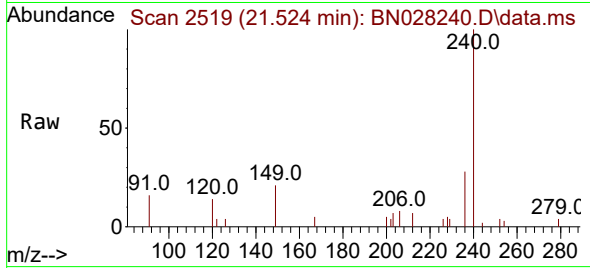




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2119
Delta R.T. 0.009 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

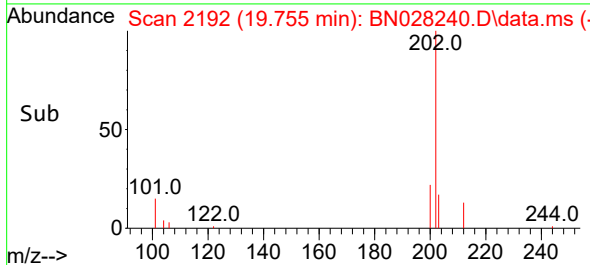
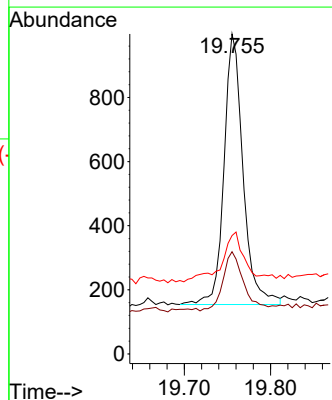
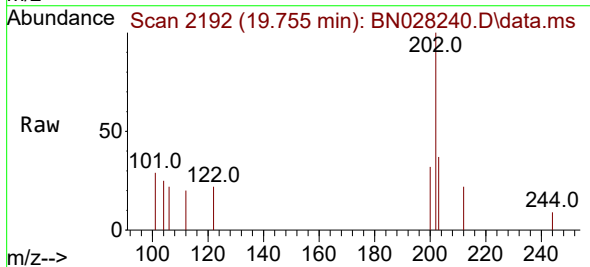
Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

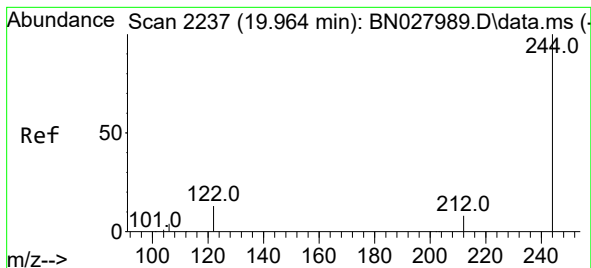
Tgt Ion:240 Resp: 14521
Ion Ratio Lower Upper
240 100
120 14.0 13.8 20.6
236 28.4 22.6 33.8



#30
Pyrene
Concen: 0.024 ng
RT: 19.755 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

Tgt Ion:202 Resp: 1300
Ion Ratio Lower Upper
202 100
200 23.8 16.5 24.7
203 21.3 14.7 22.1





#31

Terphenyl-d14

Concen: 0.363 ng

RT: 19.946 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN028240.D

Acq: 11 Oct 2023 19:38

Instrument :

BNA_N

ClientSampleId :

SW-AP-01-100923

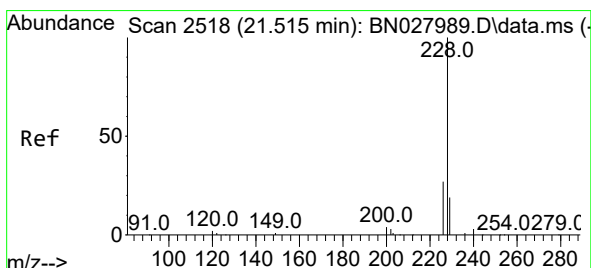
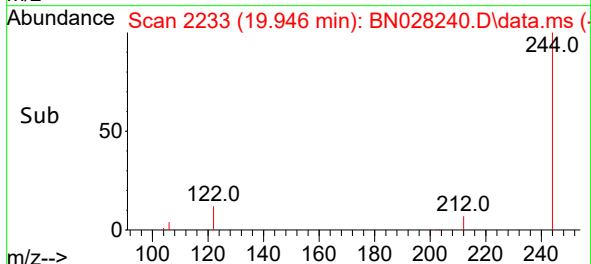
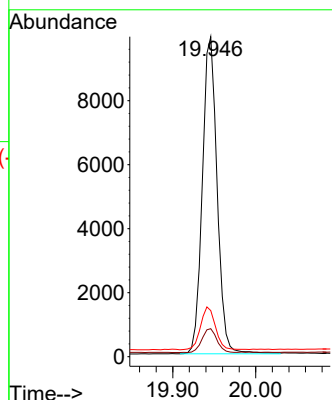
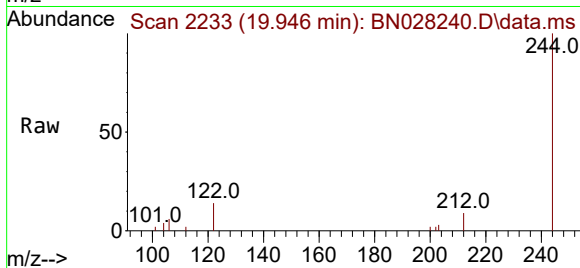
Tgt Ion:244 Resp: 12286

Ion Ratio Lower Upper

244 100

212 8.8 6.6 9.8

122 14.4 11.4 17.0



#32

Benzo(a)anthracene

Concen: 0.031 ng

RT: 21.506 min Scan# 2517

Delta R.T. 0.009 min

Lab File: BN028240.D

Acq: 11 Oct 2023 19:38

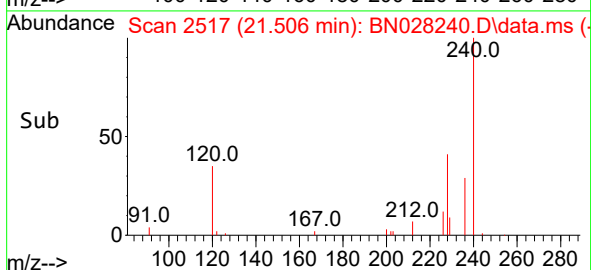
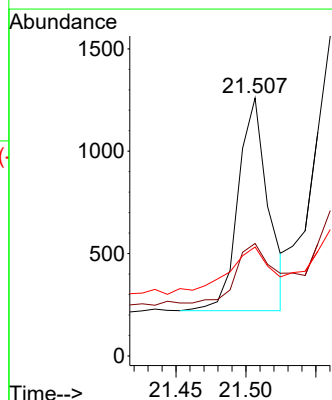
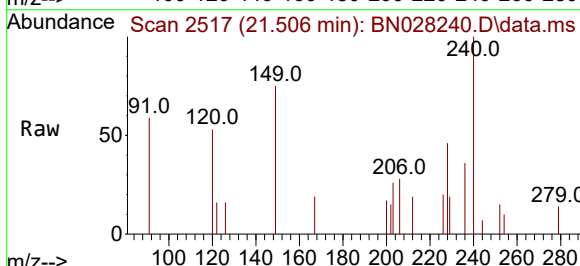
Tgt Ion:228 Resp: 1556

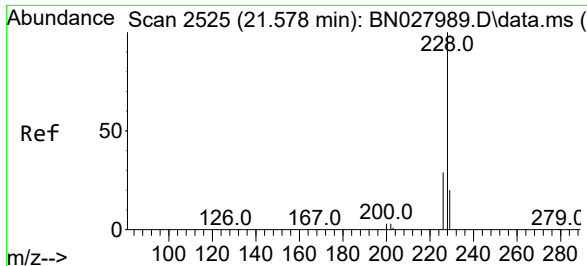
Ion Ratio Lower Upper

228 100

226 43.6 22.0 33.0#

229 42.2 16.0 24.0#

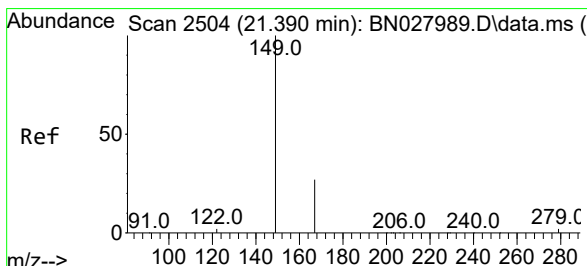
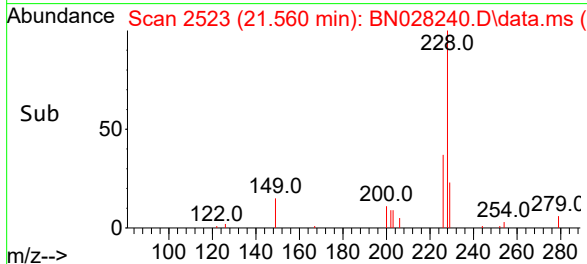
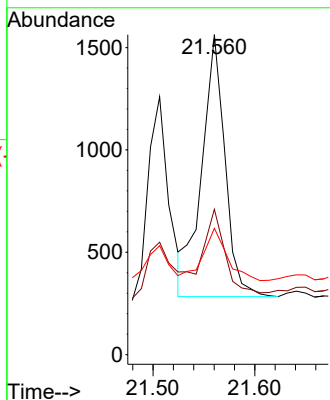
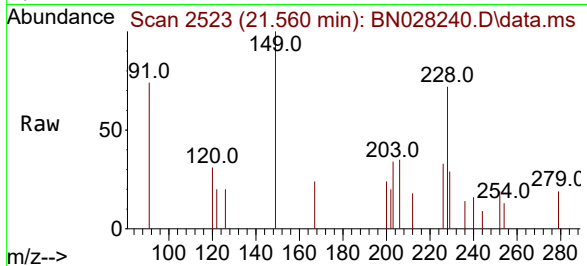




#33
Chrysene
Concen: 0.043 ng
RT: 21.560 min Scan# 2150
Delta R.T. 0.009 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

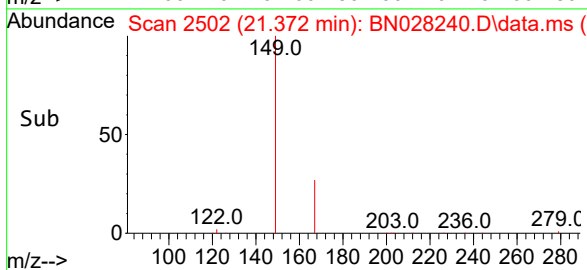
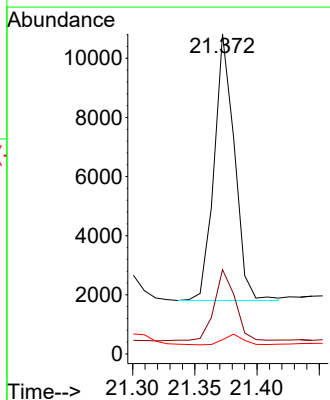
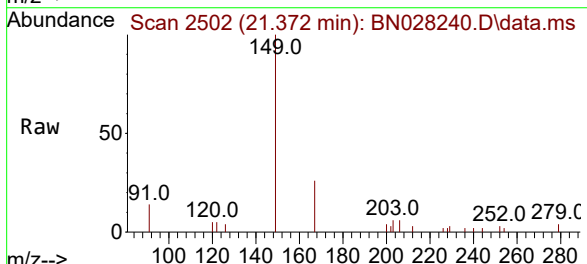
Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

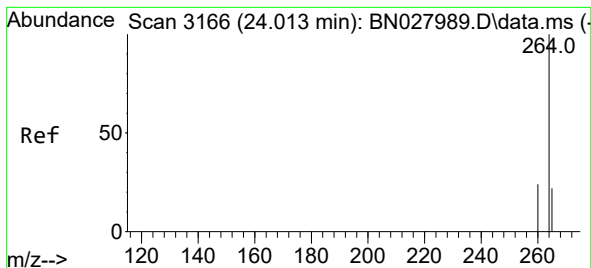
Tgt Ion:228 Resp: 2034
Ion Ratio Lower Upper
228 100
226 45.4 23.8 35.8#
229 39.5 16.6 25.0#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.316 ng
RT: 21.372 min Scan# 2502
Delta R.T. 0.009 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

Tgt Ion:149 Resp: 10254
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 3.7 3.4 5.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.996 min Scan# 3166

Delta R.T. 0.020 min

Lab File: BN028240.D

Acq: 11 Oct 2023 19:38

Instrument :

BNA_N

ClientSampleId :

SW-AP-01-100923

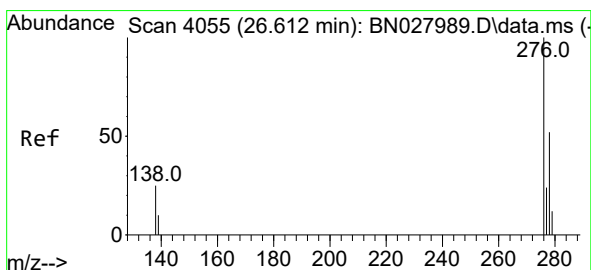
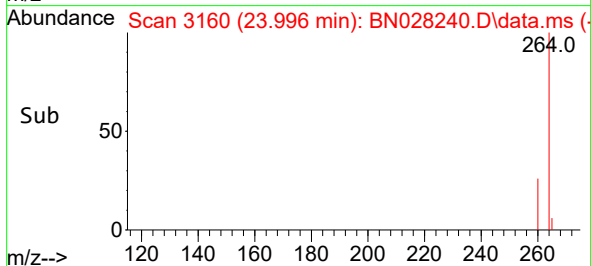
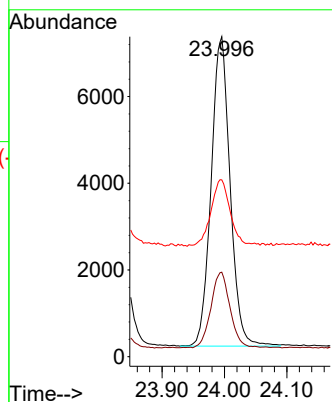
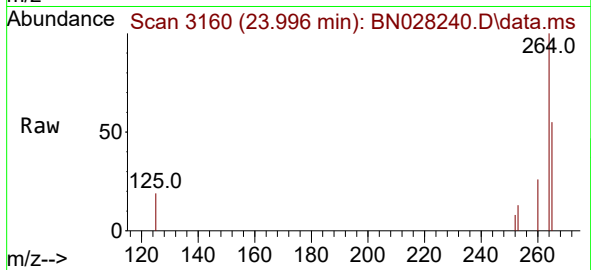
Tgt Ion:264 Resp: 15072

Ion Ratio Lower Upper

264 100

260 26.4 20.2 30.4

265 55.3 54.8 82.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.030 ng

RT: 26.595 min Scan# 4049

Delta R.T. 0.038 min

Lab File: BN028240.D

Acq: 11 Oct 2023 19:38

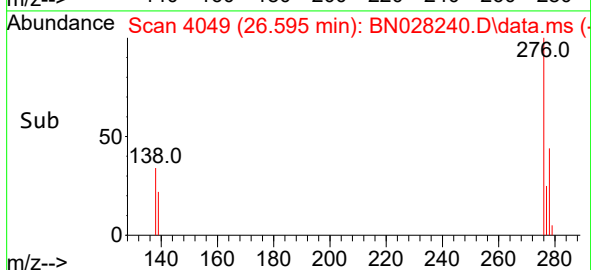
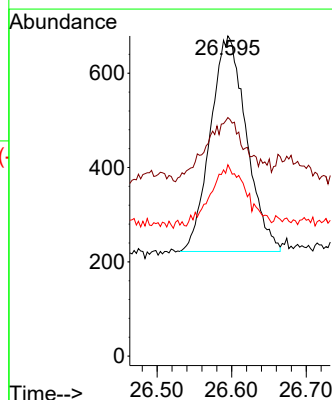
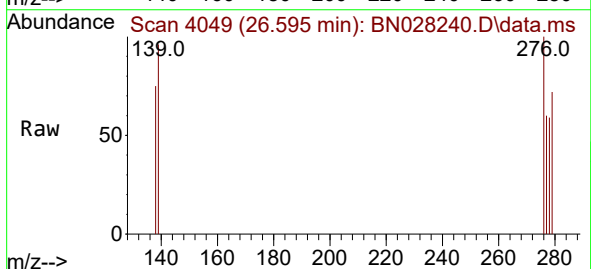
Tgt Ion:276 Resp: 1535

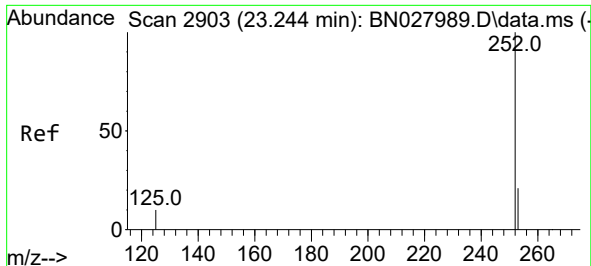
Ion Ratio Lower Upper

276 100

138 31.5 20.9 31.3#

277 28.4 19.8 29.6

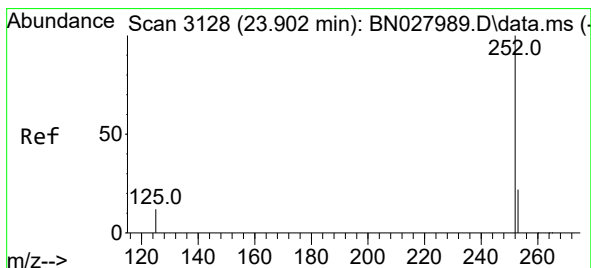
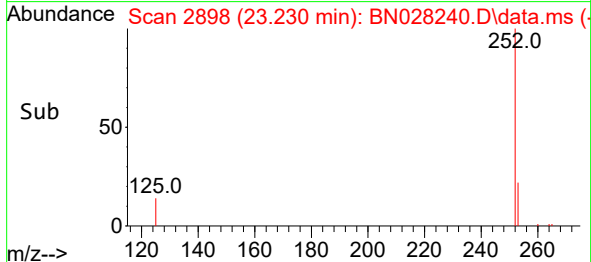
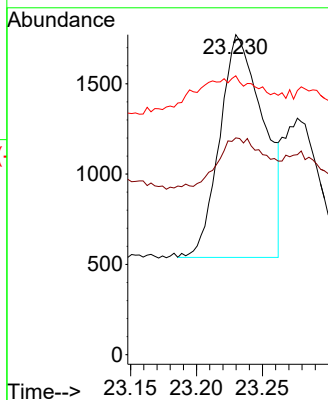
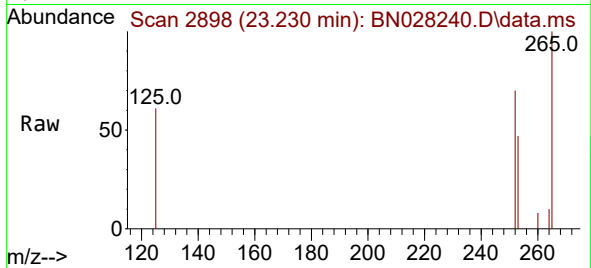




#37
Benzo(b)fluoranthene
Concen: 0.058 ng
RT: 23.230 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

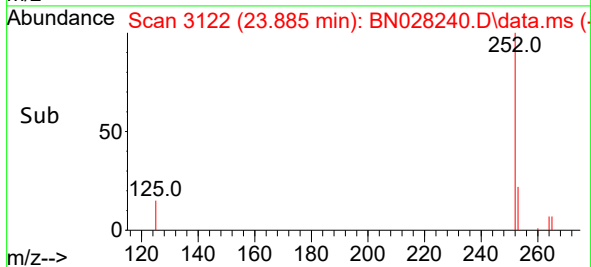
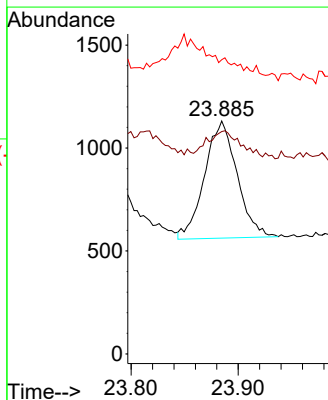
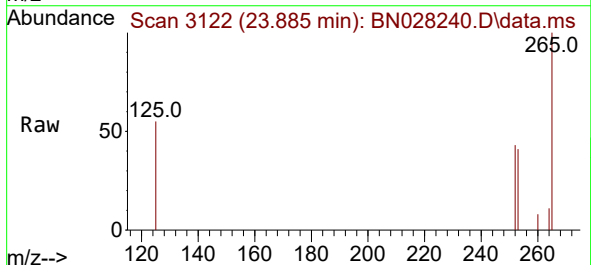
Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

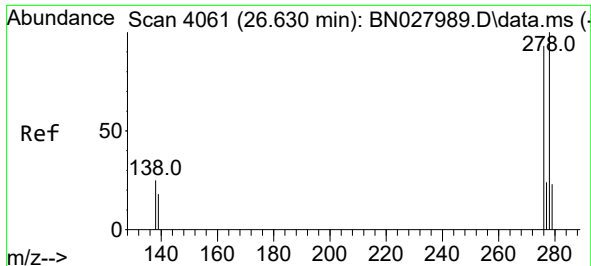
Tgt Ion:252 Resp: 2846
Ion Ratio Lower Upper
252 100
253 67.8 22.9 34.3#
125 87.1 13.8 20.8#



#39
Benzo(a)pyrene
Concen: 0.026 ng
RT: 23.885 min Scan# 3122
Delta R.T. 0.020 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

Tgt Ion:252 Resp: 1200
Ion Ratio Lower Upper
252 100
253 95.5 25.0 37.4#
125 126.3 16.6 24.8#

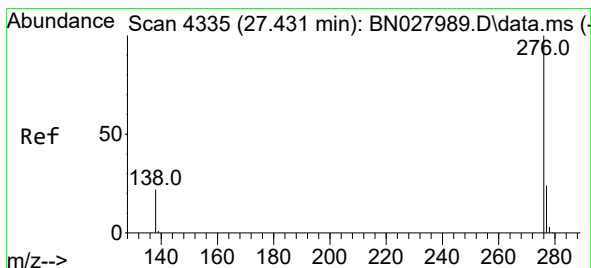
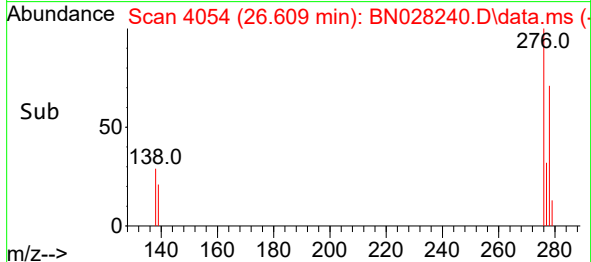
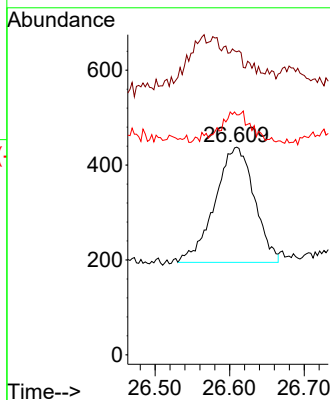
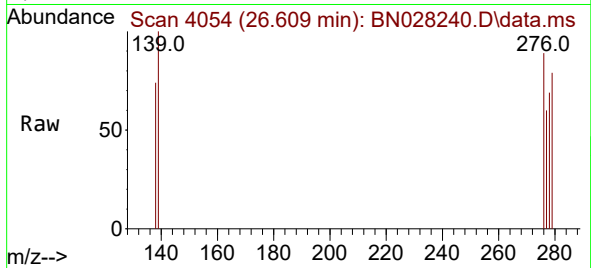




#40
Dibenzo(a,h)anthracene
Concen: 0.022 ng
RT: 26.609 min Scan# 4061
Delta R.T. 0.032 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

Tgt Ion:278 Resp: 892
Ion Ratio Lower Upper
278 100
139 145.9 17.7 26.5#
279 115.5 25.2 37.8#



#41
Benzo(g,h,i)perylene
Concen: 0.036 ng
RT: 27.411 min Scan# 4328
Delta R.T. 0.044 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

Tgt Ion:276 Resp: 1545
Ion Ratio Lower Upper
276 100
277 57.1 22.1 33.1#
138 74.0 20.8 31.2#

