

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028243.D
 Acq On : 11 Oct 2023 21:27
 Operator : MA/JU
 Sample : 04819-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-AP-03-100923

Quant Time: Oct 12 04:06:35 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)

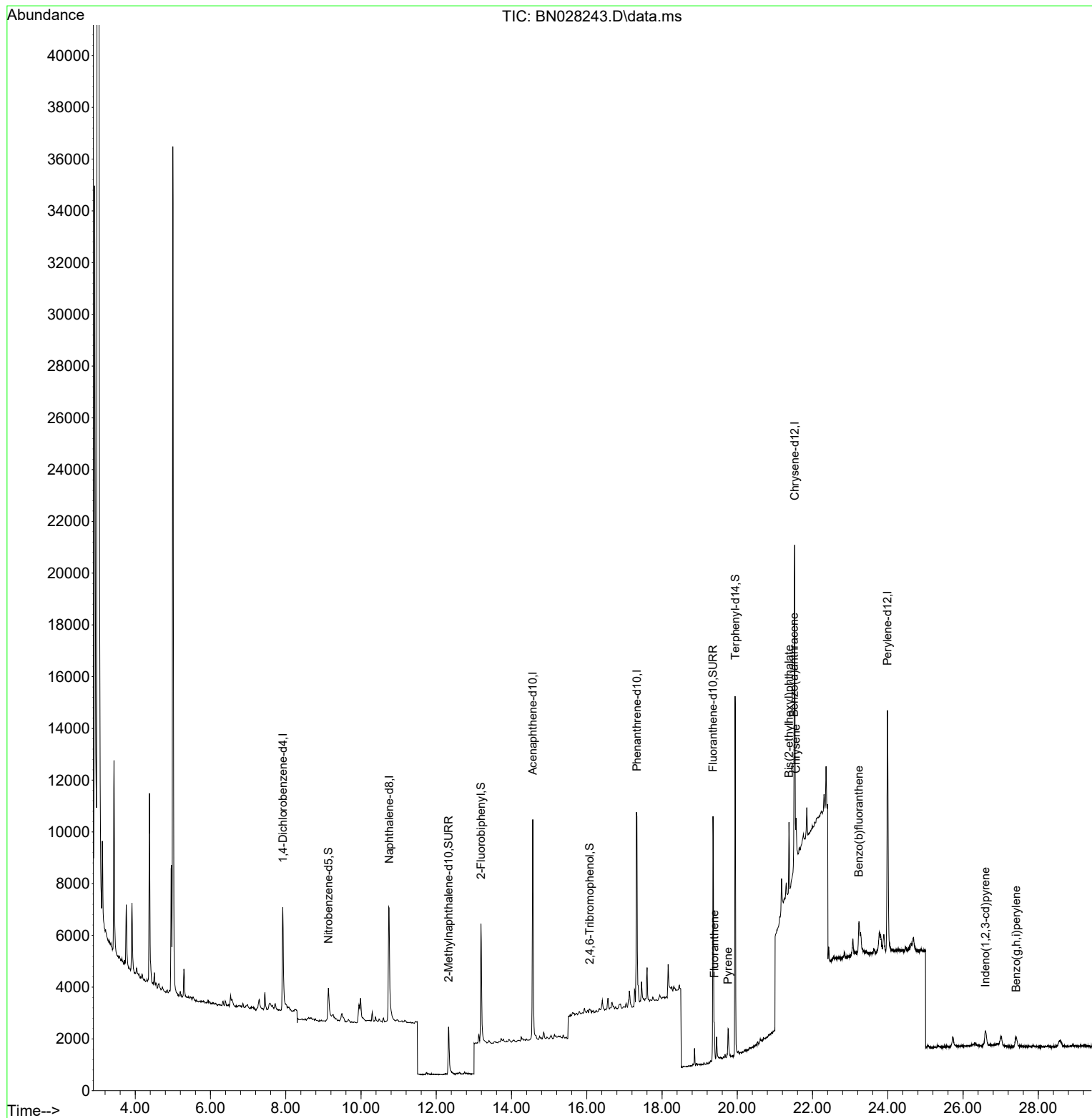
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	2584	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	8483	0.400	ng	0.01
13) Acenaphthene-d10	14.566	164	5503	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	12925	0.400	ng	# 0.01
29) Chrysene-d12	21.524	240	12501	0.400	ng	0.00
35) Perylene-d12	23.993	264	13325	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	83	0.011	ng	0.00
5) Phenol-d6	7.113	99	71	0.007	ng	0.02
8) Nitrobenzene-d5	9.134	82	1870	0.259	ng	0.01
11) 2-Methylnaphthalene-d10	12.328	152	3550	0.282	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	107	0.042	ng	0.00
15) 2-Fluorobiphenyl	13.187	172	5100	0.257	ng	0.00
27) Fluoranthene-d10	19.356	212	10938	0.337	ng	0.00
31) Terphenyl-d14	19.946	244	14434	0.495	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.388	202	1272	0.032	ng	94
30) Pyrene	19.755	202	1199	0.026	ng	95
32) Benzo(a)anthracene	21.506	228	1189	0.028	ng	# 55
33) Chrysene	21.560	228	1407	0.034	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.372	149	2515	0.090	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.595	276	930	0.021	ng	# 89
37) Benzo(b)fluoranthene	23.233	252	2172	0.050	ng	# 1
41) Benzo(g,h,i)perylene	27.413	276	997	0.026	ng	# 14

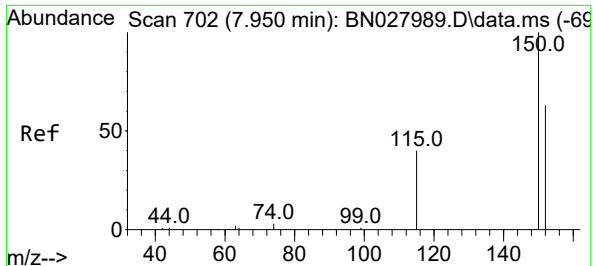
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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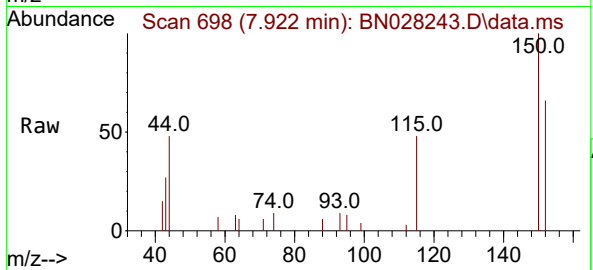
Quant Time: Oct 12 04:06:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
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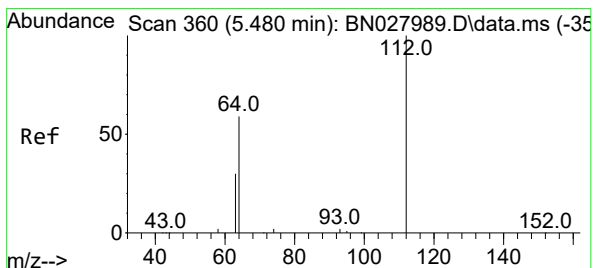
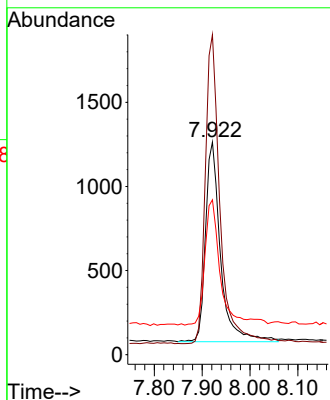
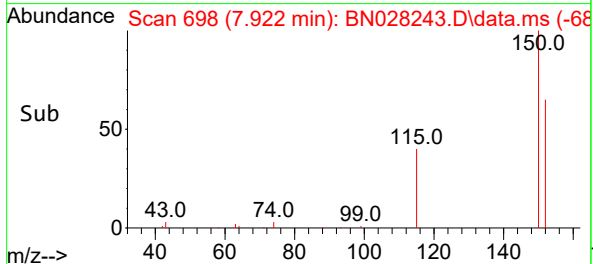


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN028243.D
Acq: 11 Oct 2023 21:27

Instrument :
BNA_N
ClientSampleId :
SW-AP-03-100923

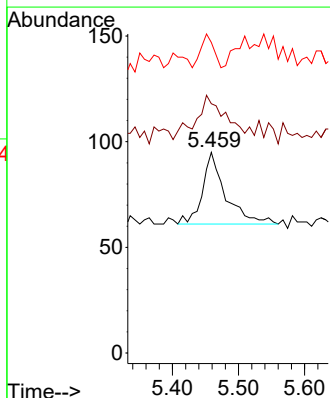
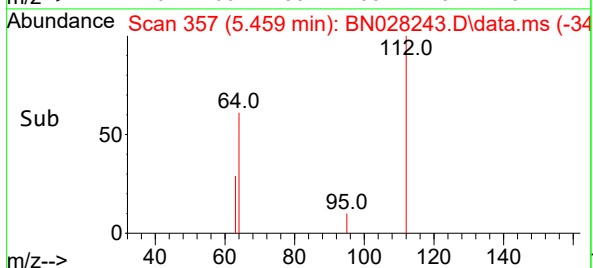
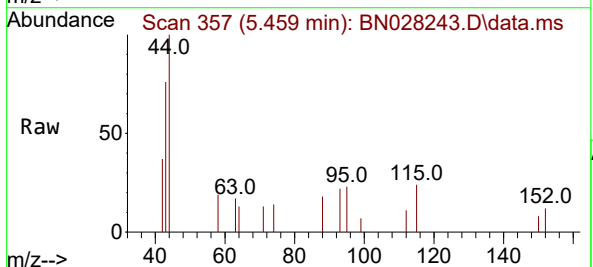


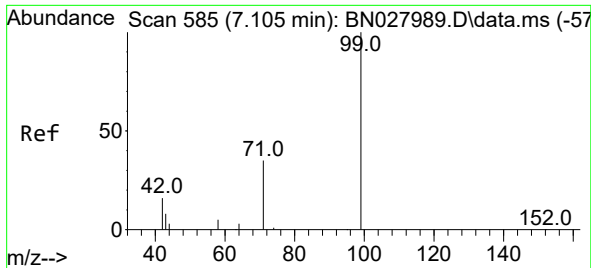
Tgt Ion:152 Resp: 2584
Ion Ratio Lower Upper
152 100
150 150.5 125.6 188.4
115 72.9 54.8 82.2



#4
2-Fluorophenol
Concen: 0.011 ng
RT: 5.459 min Scan# 357
Delta R.T. -0.007 min
Lab File: BN028243.D
Acq: 11 Oct 2023 21:27

Tgt Ion:112 Resp: 83
Ion Ratio Lower Upper
112 100
64 77.1 45.0 67.6#
63 25.3 23.4 35.0

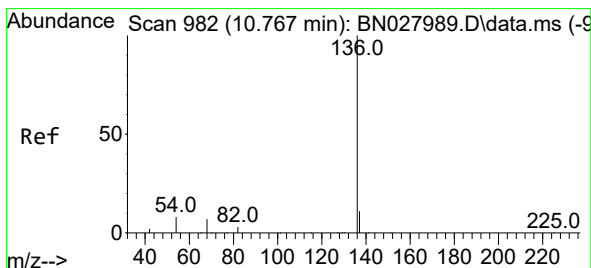
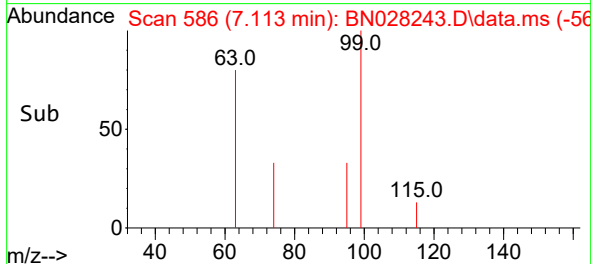
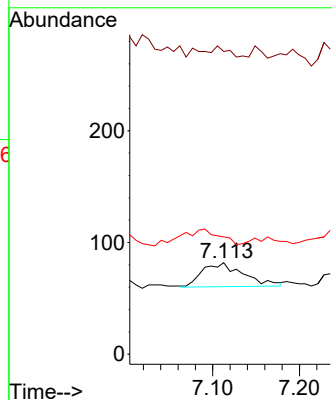
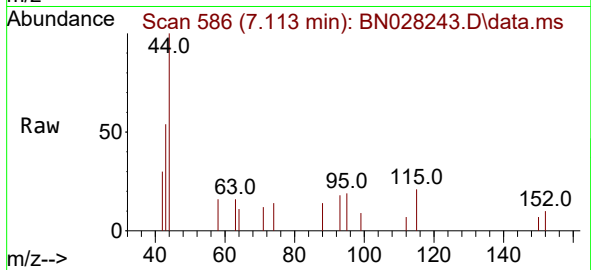




#5
Phenol-d6
Concen: 0.007 ng
RT: 7.113 min Scan# 51
Delta R.T. 0.022 min
Lab File: BN028243.D
Acq: 11 Oct 2023 21:27

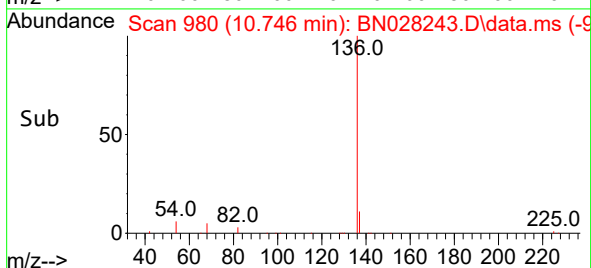
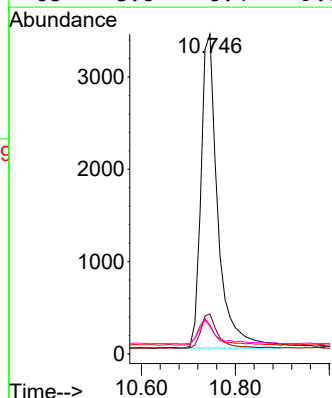
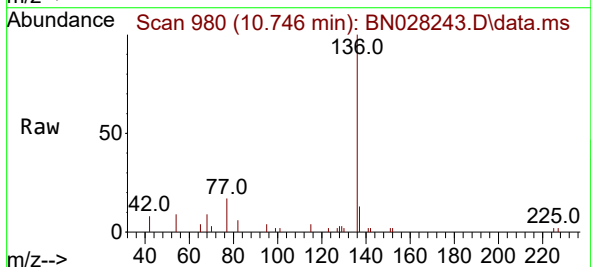
Instrument :
BNA_N
ClientSampleId :
SW-AP-03-100923

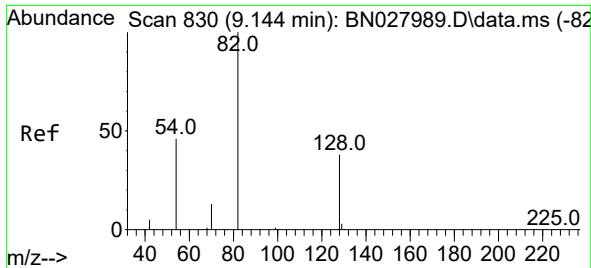
Tgt Ion: 99 Resp: 71
Ion Ratio Lower Upper
99 100
42 0.0 14.6 22.0#
71 0.0 28.3 42.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.011 min
Lab File: BN028243.D
Acq: 11 Oct 2023 21:27

Tgt Ion: 136 Resp: 8483
Ion Ratio Lower Upper
136 100
137 12.6 9.4 14.0
54 9.0 7.0 10.6
68 8.6 6.4 9.6

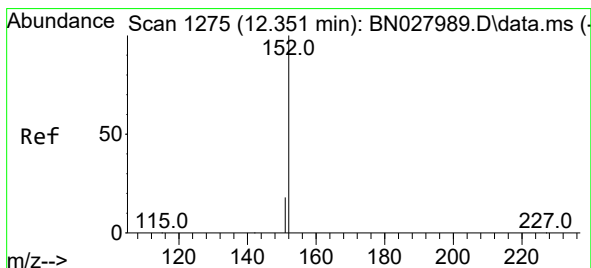
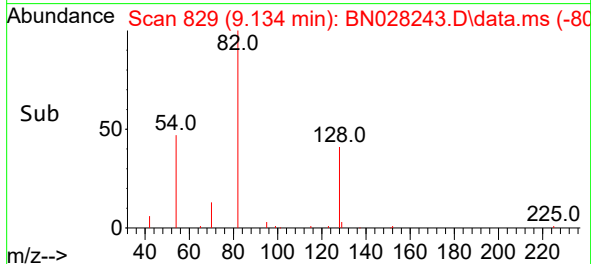
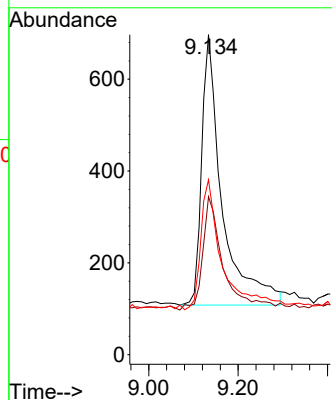
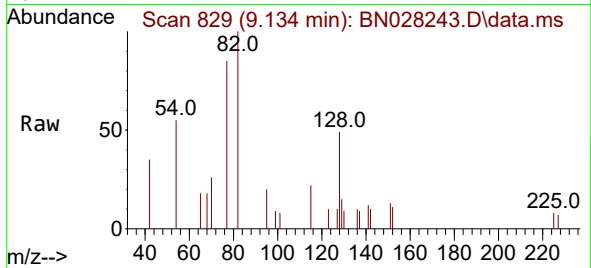




#8
 Nitrobenzene-d5
 Concen: 0.259 ng
 RT: 9.134 min Scan# 81
 Delta R.T. 0.011 min
 Lab File: BN028243.D
 Acq: 11 Oct 2023 21:27

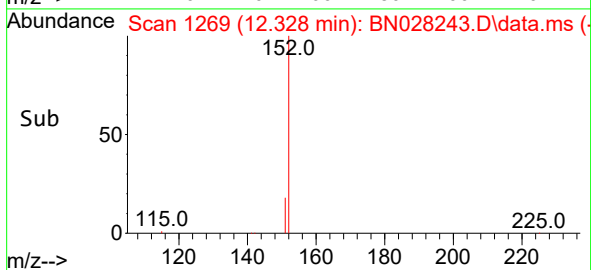
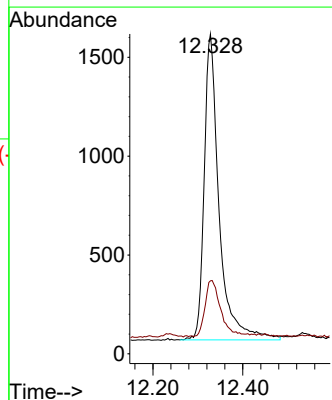
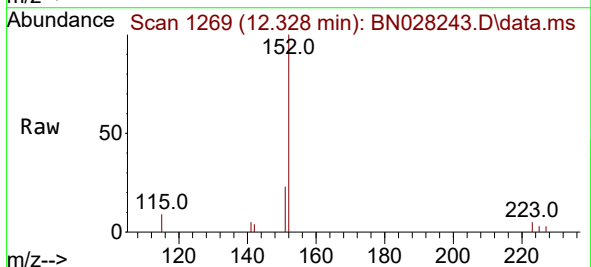
Instrument :
 BNA_N
 ClientSampleId :
 SW-AP-03-100923

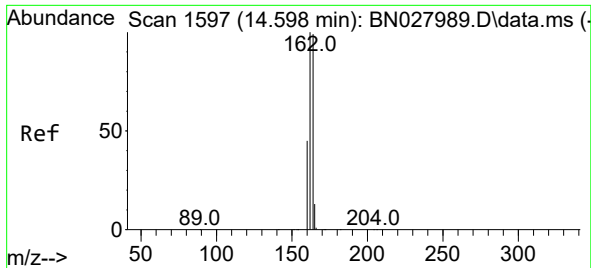
Tgt Ion: 82 Resp: 1870
 Ion Ratio Lower Upper
 82 100
 128 49.4 32.7 49.1#
 54 54.7 38.7 58.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.282 ng
 RT: 12.328 min Scan# 1269
 Delta R.T. 0.004 min
 Lab File: BN028243.D
 Acq: 11 Oct 2023 21:27

Tgt Ion: 152 Resp: 3550
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.5 24.7

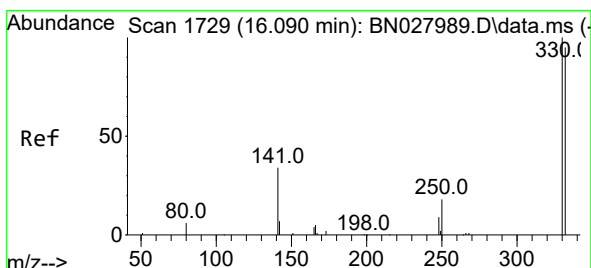
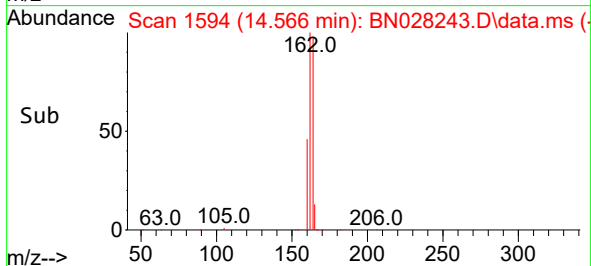
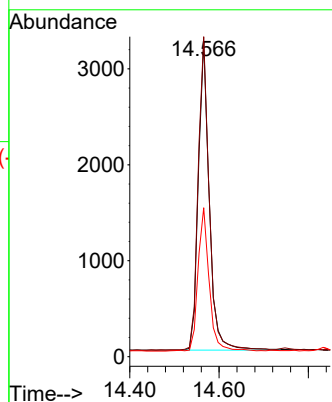
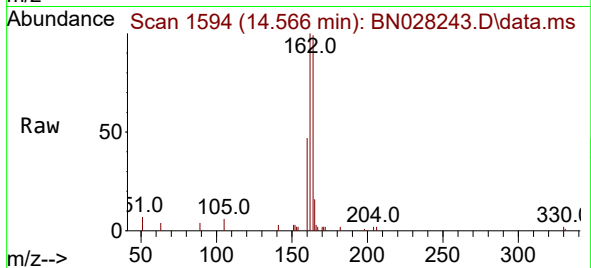




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN028243.D
Acq: 11 Oct 2023 21:27

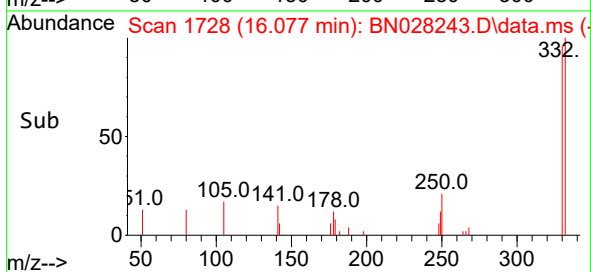
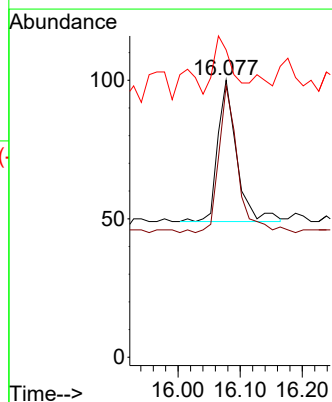
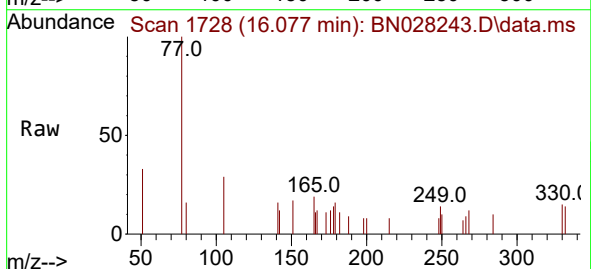
Instrument :
BNA_N
ClientSampleId :
SW-AP-03-100923

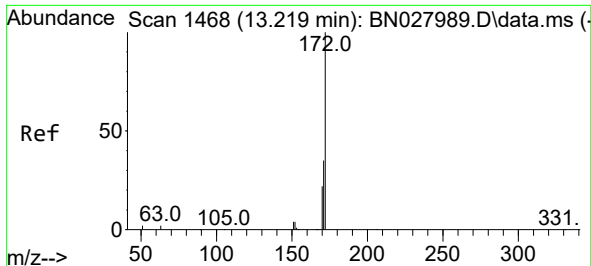
Tgt Ion:164 Resp: 5503
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 47.2 36.4 54.6



#14
2,4,6-Tribromophenol
Concen: 0.042 ng
RT: 16.077 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BN028243.D
Acq: 11 Oct 2023 21:27

Tgt Ion:330 Resp: 107
Ion Ratio Lower Upper
330 100
332 104.7 78.1 117.1
141 37.4 33.4 50.2

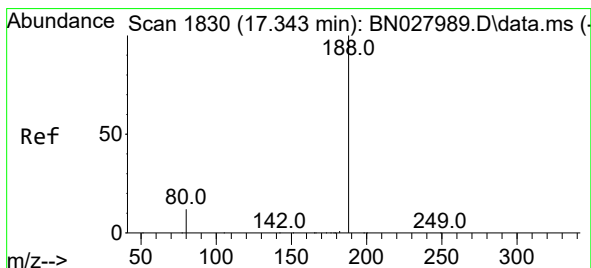
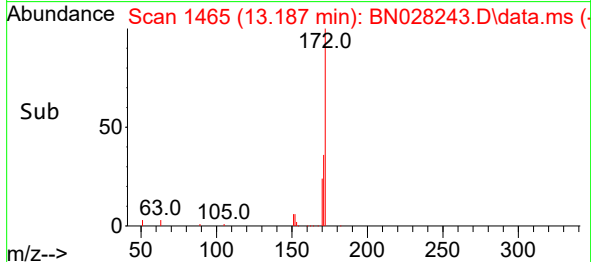
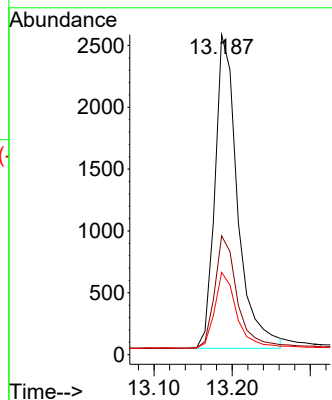
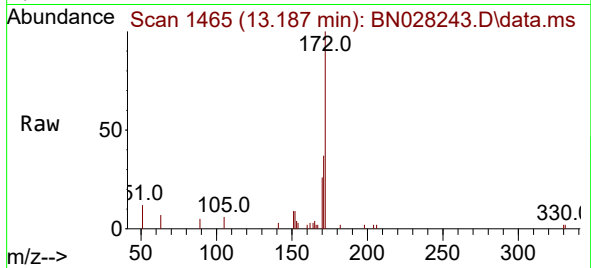




#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 13.187 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN028243.D
Acq: 11 Oct 2023 21:27

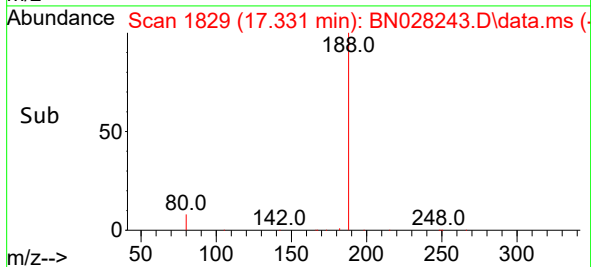
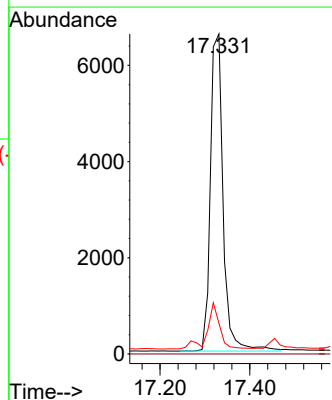
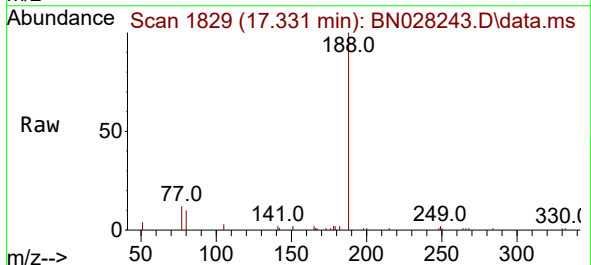
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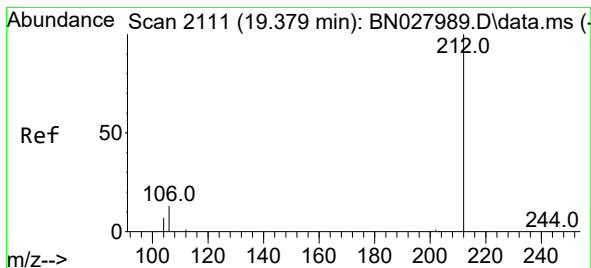
Tgt Ion:172 Resp: 5100
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 25.7 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.012 min
Lab File: BN028243.D
Acq: 11 Oct 2023 21:27

Tgt Ion:188 Resp: 12925
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 10.2 15.4#





#27

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.356 min Scan# 2111

Delta R.T. -0.000 min

Lab File: BN028243.D

Acq: 11 Oct 2023 21:27

Instrument :

BNA_N

ClientSampleId :

SW-AP-03-100923

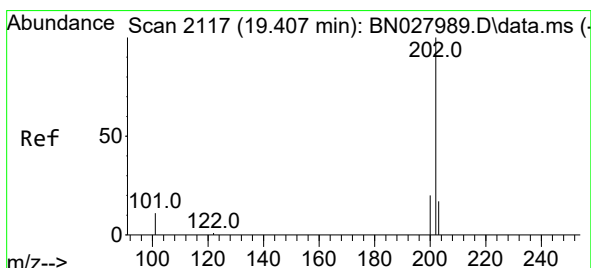
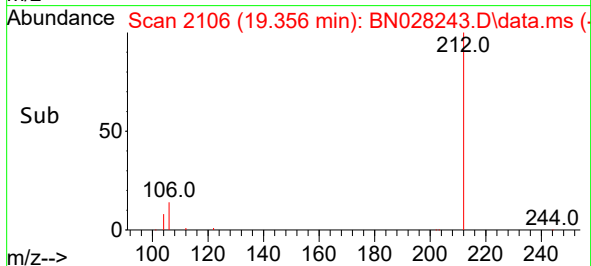
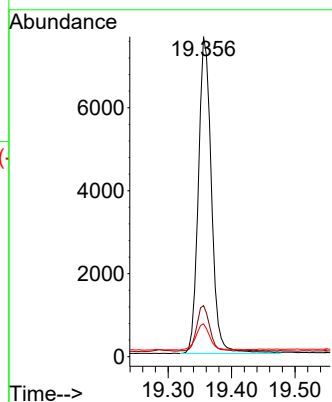
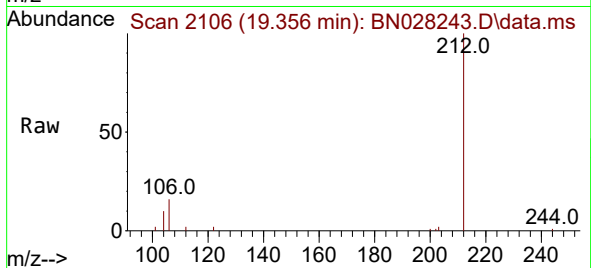
Tgt Ion:212 Resp: 10938

Ion Ratio Lower Upper

212 100

106 14.3 11.3 16.9

104 8.6 6.4 9.6



#28

Fluoranthene

Concen: 0.032 ng

RT: 19.388 min Scan# 2113

Delta R.T. 0.005 min

Lab File: BN028243.D

Acq: 11 Oct 2023 21:27

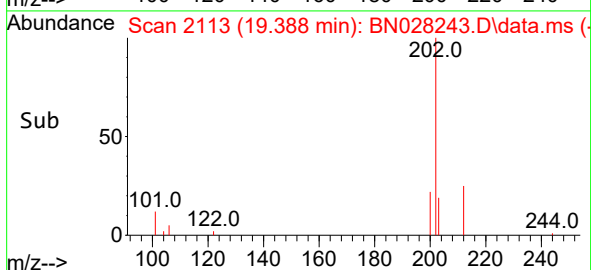
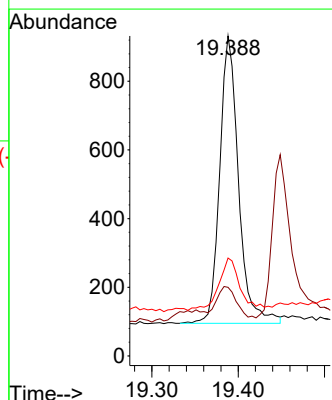
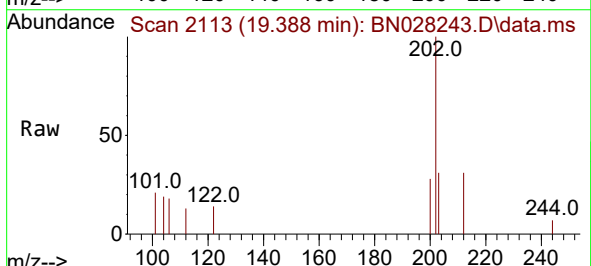
Tgt Ion:202 Resp: 1272

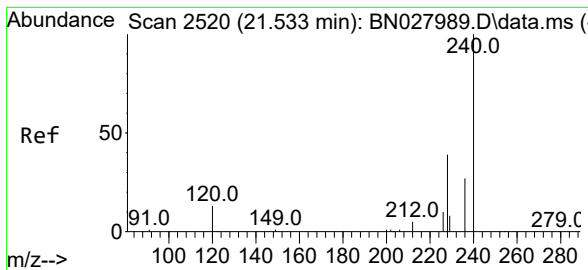
Ion Ratio Lower Upper

202 100

101 11.2 9.8 14.6

203 20.8 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: BN028243.D

Acq: 11 Oct 2023 21:27

Instrument :

BNA_N

ClientSampleId :

SW-AP-03-100923

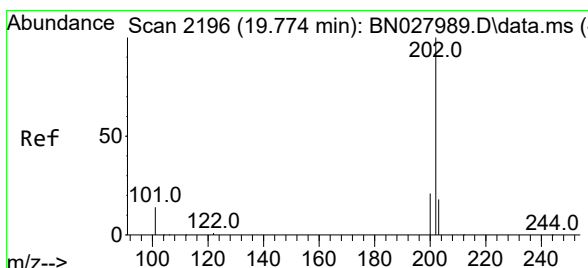
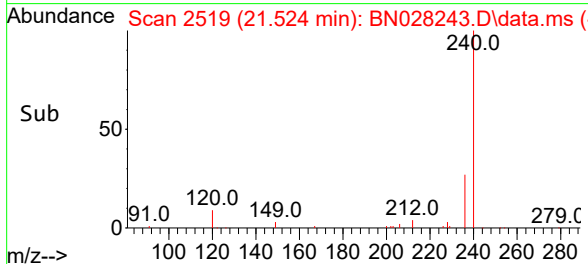
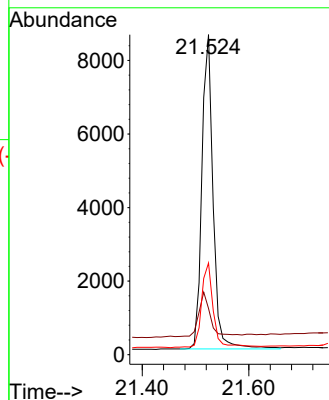
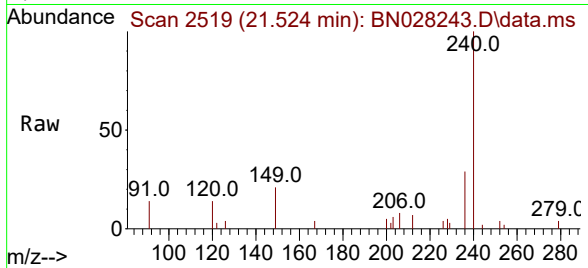
Tgt Ion:240 Resp: 12501

Ion Ratio Lower Upper

240 100

120 14.4 13.8 20.6

236 28.6 22.6 33.8



#30

Pyrene

Concen: 0.026 ng

RT: 19.755 min Scan# 2192

Delta R.T. 0.005 min

Lab File: BN028243.D

Acq: 11 Oct 2023 21:27

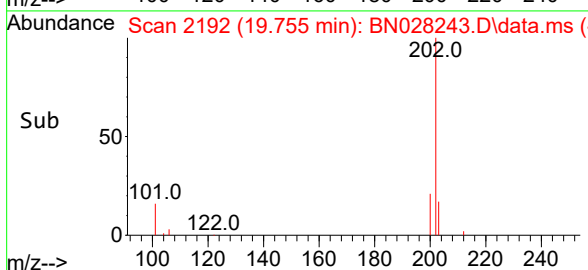
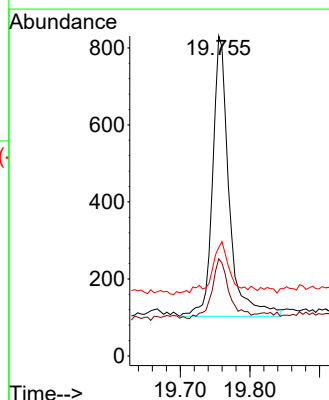
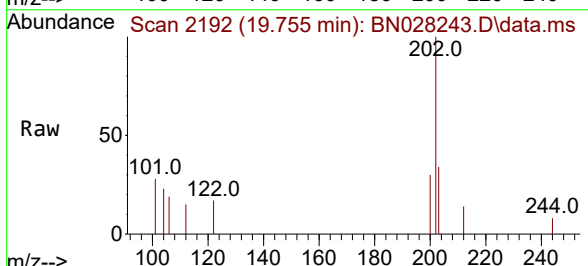
Tgt Ion:202 Resp: 1199

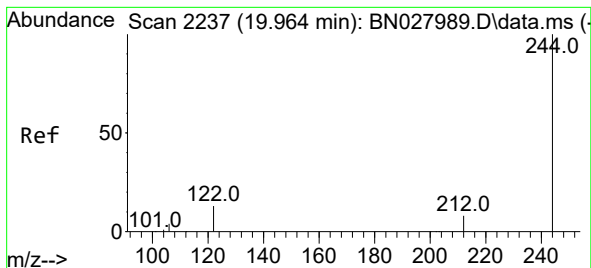
Ion Ratio Lower Upper

202 100

200 22.8 16.5 24.7

203 15.8 14.7 22.1





#31

Terphenyl-d14

Concen: 0.495 ng

RT: 19.946 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN028243.D

Acq: 11 Oct 2023 21:27

Instrument :

BNA_N

ClientSampleId :

SW-AP-03-100923

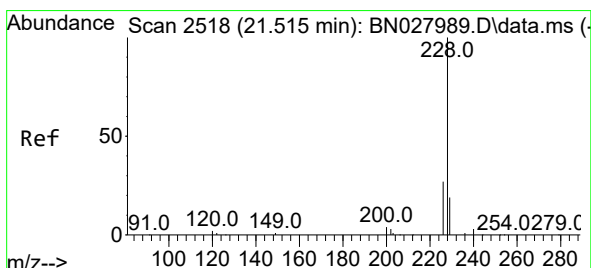
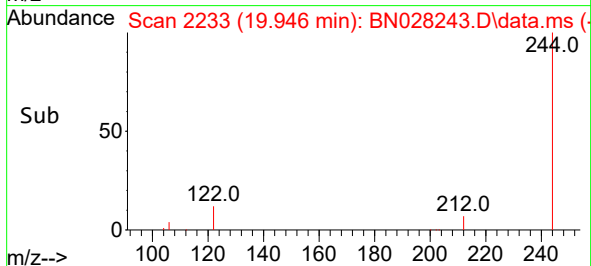
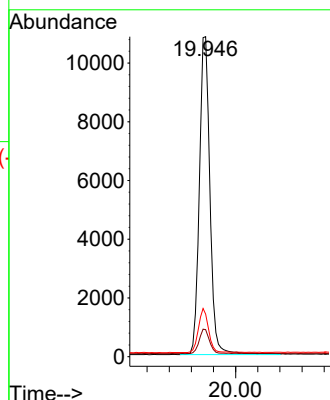
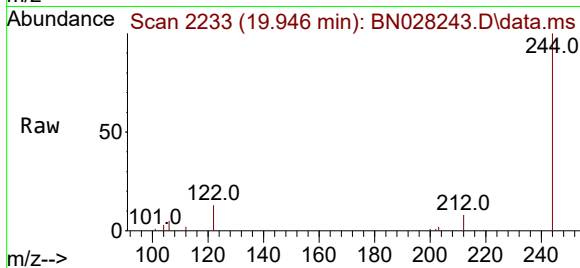
Tgt Ion:244 Resp: 14434

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

122 13.3 11.4 17.0



#32

Benzo(a)anthracene

Concen: 0.028 ng

RT: 21.506 min Scan# 2517

Delta R.T. 0.009 min

Lab File: BN028243.D

Acq: 11 Oct 2023 21:27

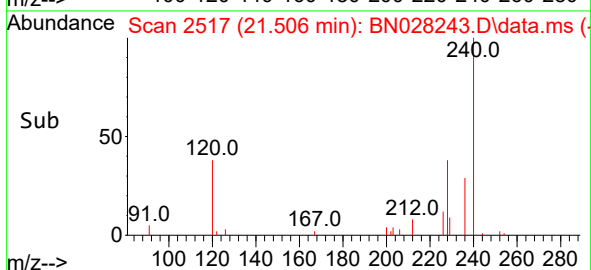
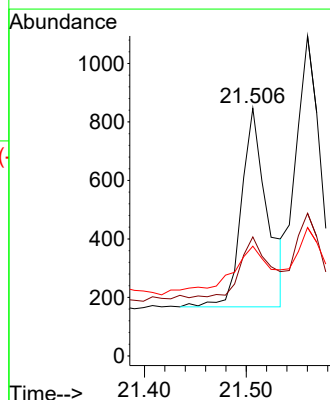
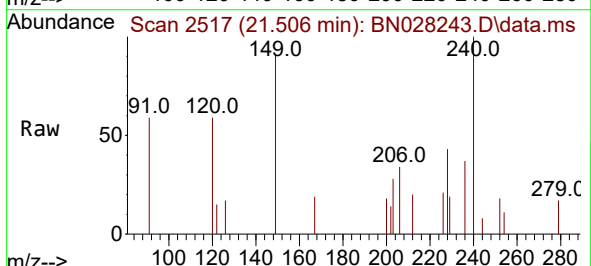
Tgt Ion:228 Resp: 1189

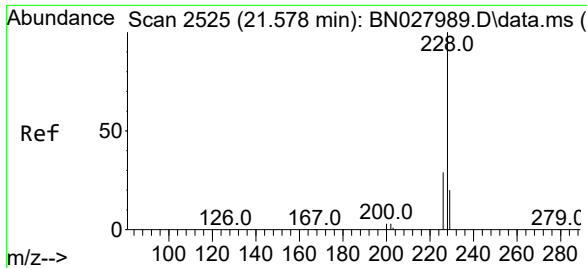
Ion Ratio Lower Upper

228 100

226 48.1 22.0 33.0#

229 44.3 16.0 24.0#





#33

Chrysene

Concen: 0.034 ng

RT: 21.560 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN028243.D

Acq: 11 Oct 2023 21:27

Instrument :

BNA_N

ClientSampleId :

SW-AP-03-100923

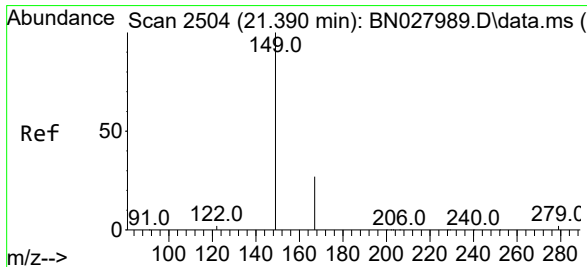
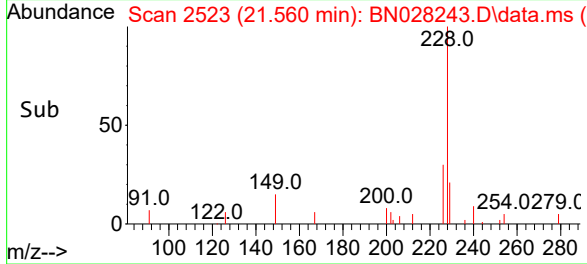
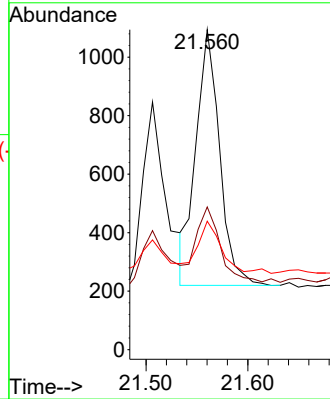
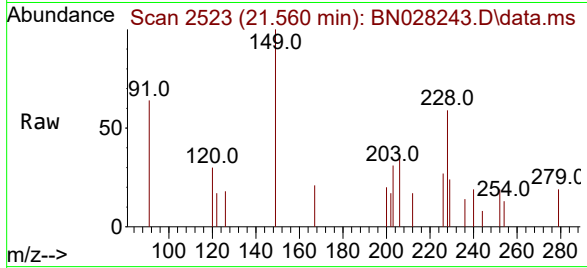
Tgt Ion:228 Resp: 1407

Ion Ratio Lower Upper

228 100

226 44.6 23.8 35.8#

229 40.1 16.6 25.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.090 ng

RT: 21.372 min Scan# 2502

Delta R.T. 0.009 min

Lab File: BN028243.D

Acq: 11 Oct 2023 21:27

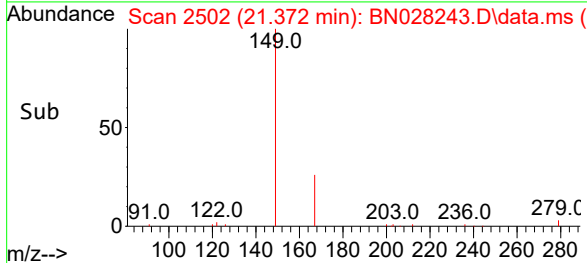
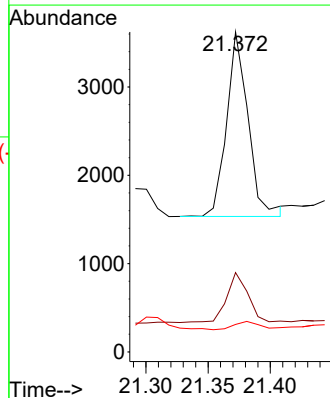
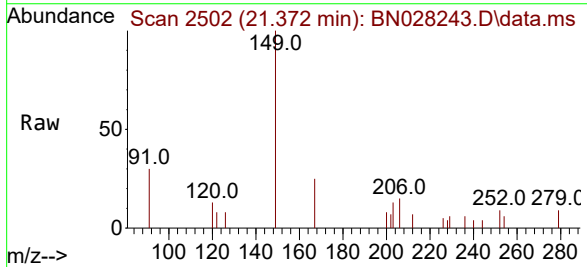
Tgt Ion:149 Resp: 2515

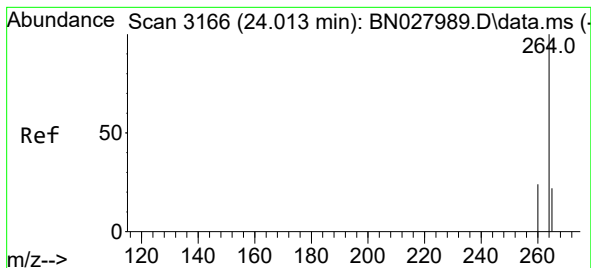
Ion Ratio Lower Upper

149 100

167 29.4 22.1 33.1

279 5.8 3.4 5.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.993 min Scan# 3166

Delta R.T. 0.017 min

Lab File: BN028243.D

Acq: 11 Oct 2023 21:27

Instrument :

BNA_N

ClientSampleId :

SW-AP-03-100923

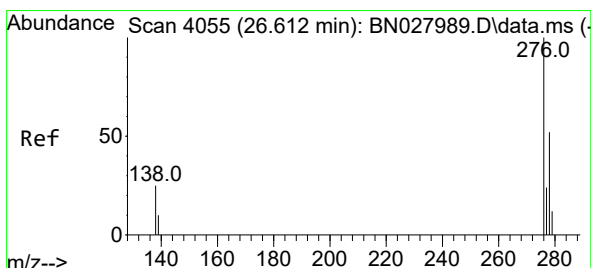
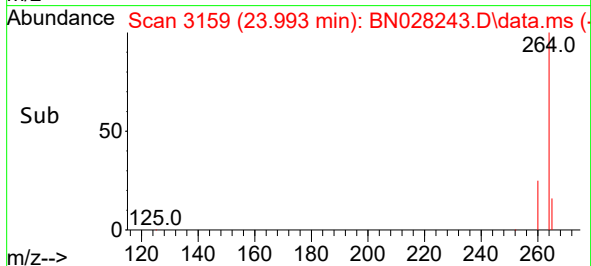
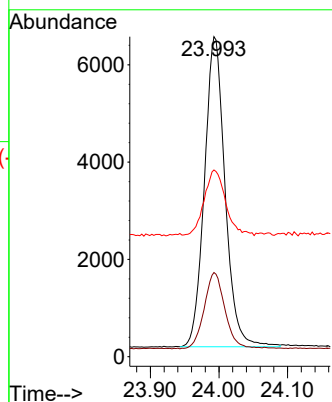
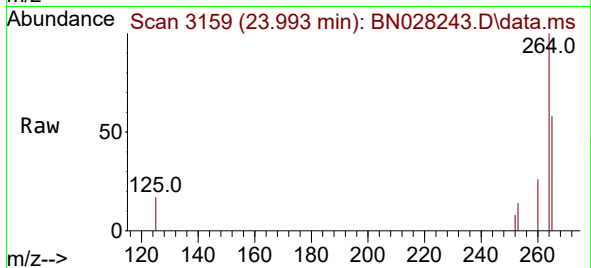
Tgt Ion:264 Resp: 13325

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.4

265 58.4 54.8 82.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng

RT: 26.595 min Scan# 4049

Delta R.T. 0.038 min

Lab File: BN028243.D

Acq: 11 Oct 2023 21:27

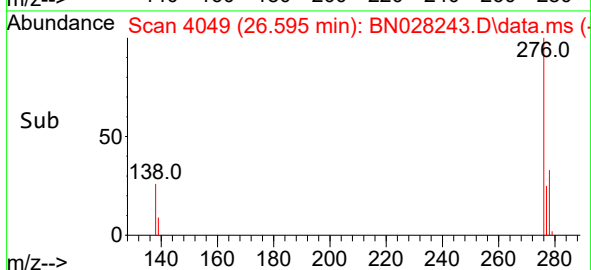
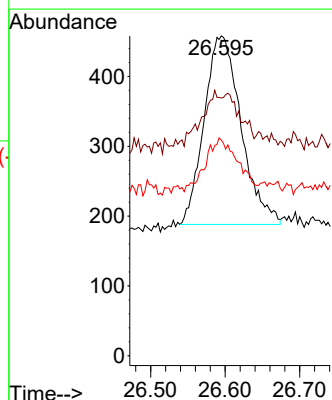
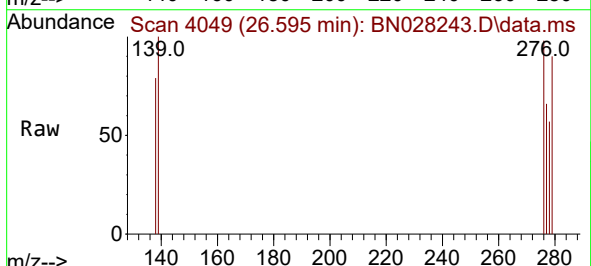
Tgt Ion:276 Resp: 930

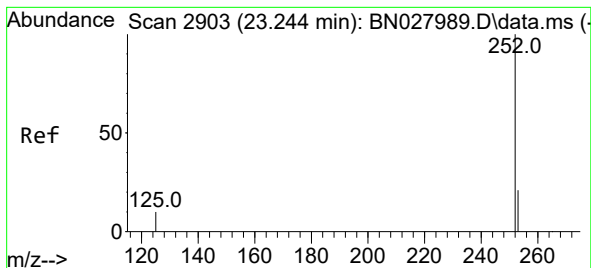
Ion Ratio Lower Upper

276 100

138 15.4 20.9 31.3#

277 24.8 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.050 ng

RT: 23.233 min Scan# 21

Delta R.T. 0.020 min

Lab File: BN028243.D

Acq: 11 Oct 2023 21:27

Instrument :

BNA_N

ClientSampleId :

SW-AP-03-100923

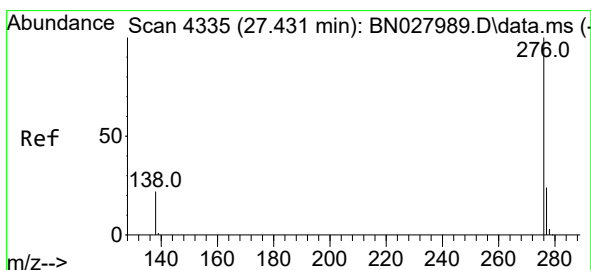
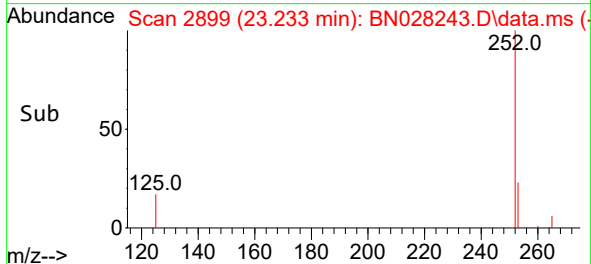
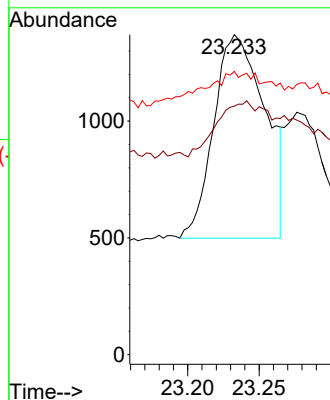
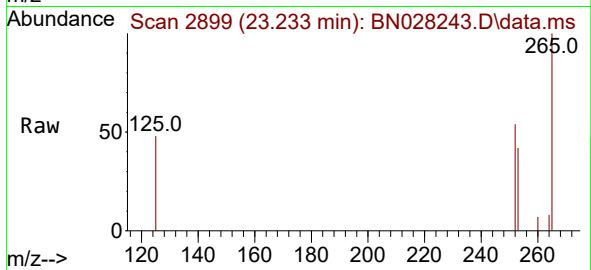
Tgt Ion:252 Resp: 2172

Ion Ratio Lower Upper

252 100

253 77.7 22.9 34.3#

125 88.5 13.8 20.8#



#41

Benzo(g,h,i)perylene

Concen: 0.026 ng

RT: 27.413 min Scan# 4329

Delta R.T. 0.047 min

Lab File: BN028243.D

Acq: 11 Oct 2023 21:27

Tgt Ion:276 Resp: 997

Ion Ratio Lower Upper

276 100

277 65.1 22.1 33.1#

138 77.2 20.8 31.2#

