

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)

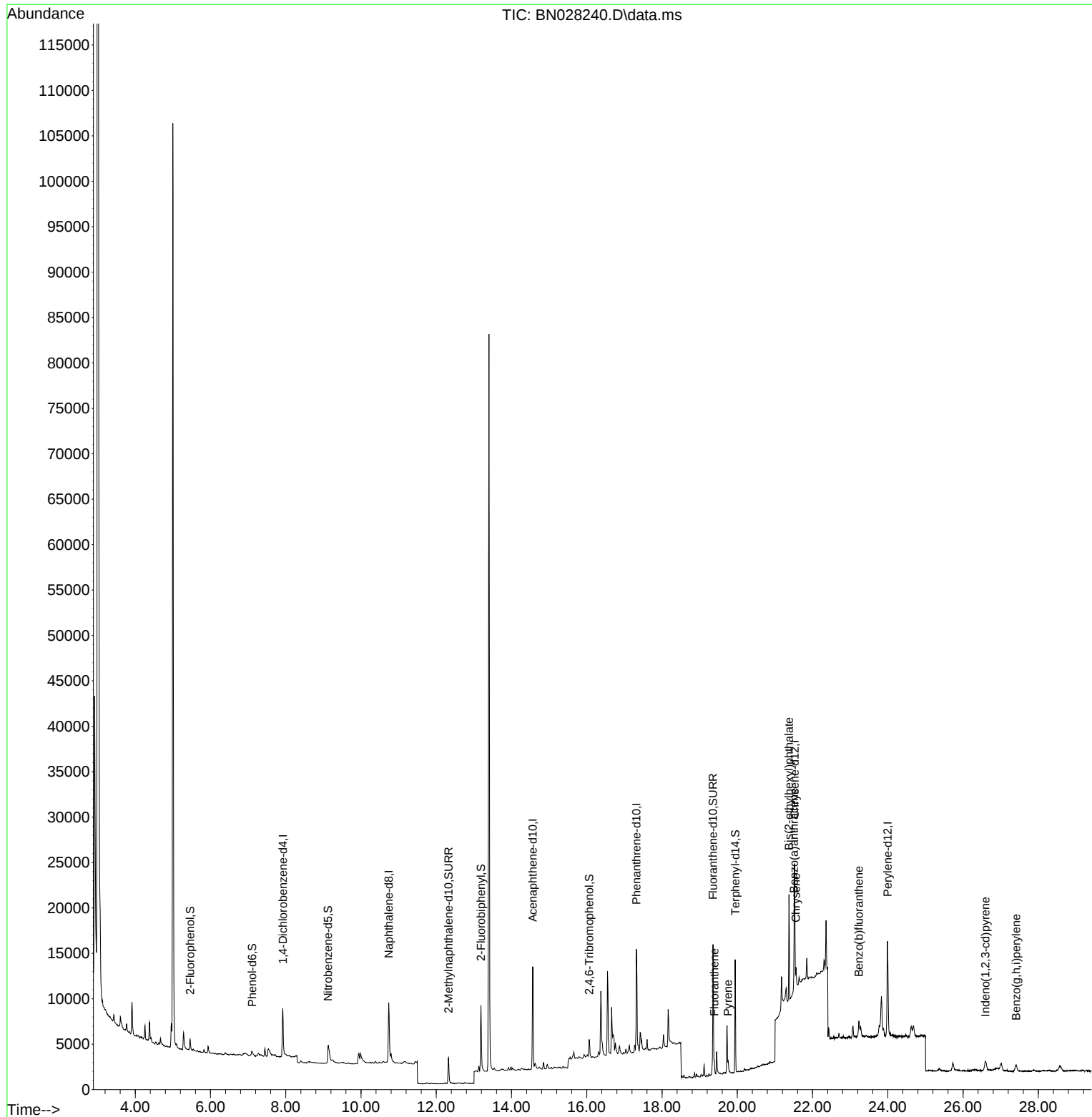
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	3109	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	10739	0.400	ng	# 0.00
13) Acenaphthene-d10	14.566	164	7049	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	15511	0.400	ng	# 0.00
29) Chrysene-d12	21.524	240	14521	0.400	ng	0.00
35) Perylene-d12	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						
28) Fluoranthene	19.388	202	1476	0.031	ng	Qvalue 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
41) Benzo(g,h,i)perylene	27.411	276	1545	0.036	ng	# 25

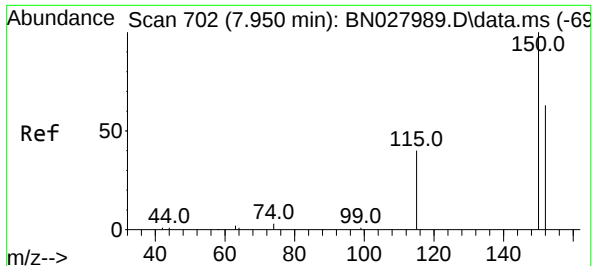
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
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

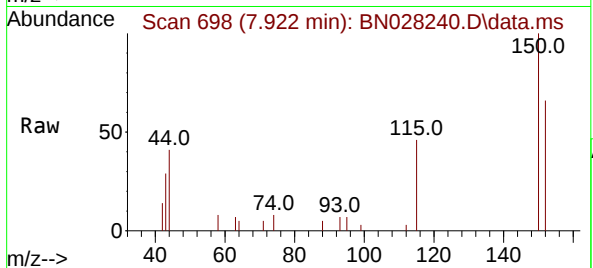
Quant Time: Oct 12 04:05:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 04:03:12 2023
Response via : Initial Calibration



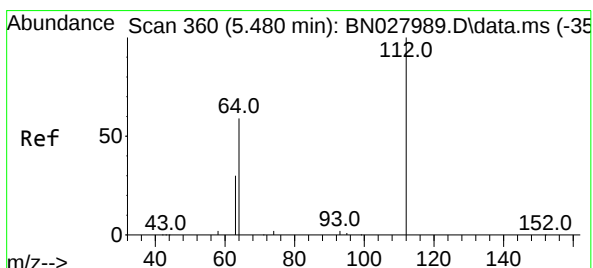
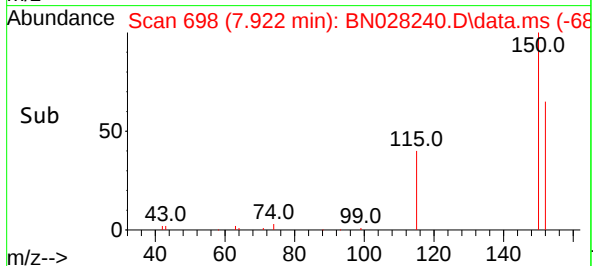
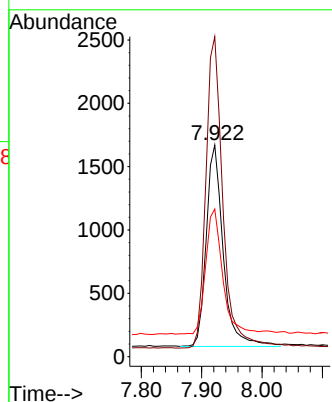


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

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

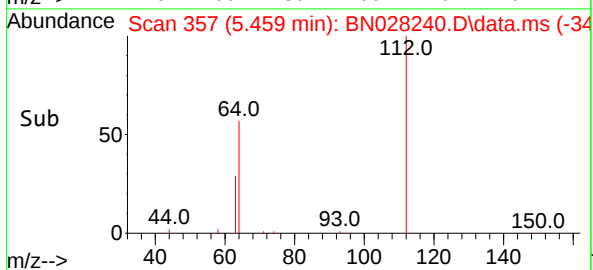
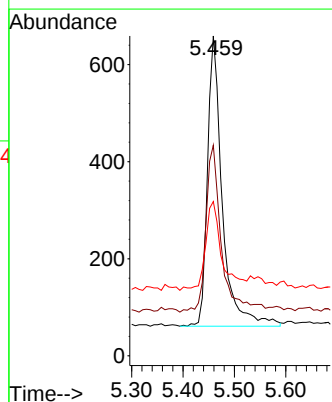
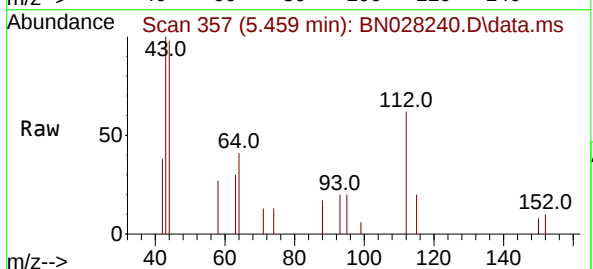


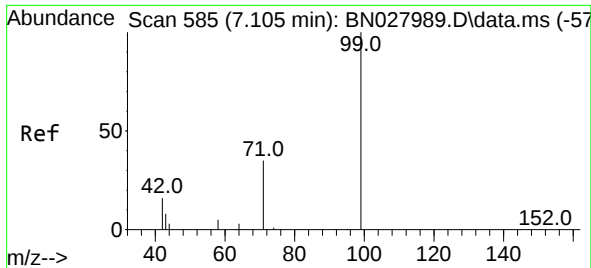
Tgt Ion:152 Resp: 3109
Ion Ratio Lower Upper
152 100
150 151.2 125.6 188.4
115 69.8 54.8 82.2



#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.459 min Scan# 357
Delta R.T. -0.007 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

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

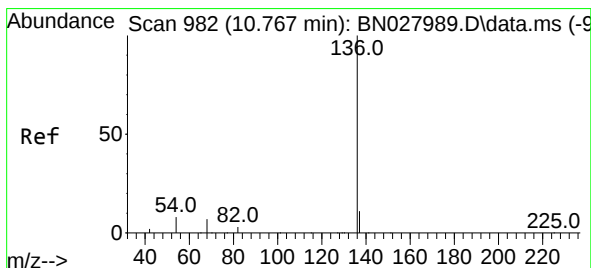
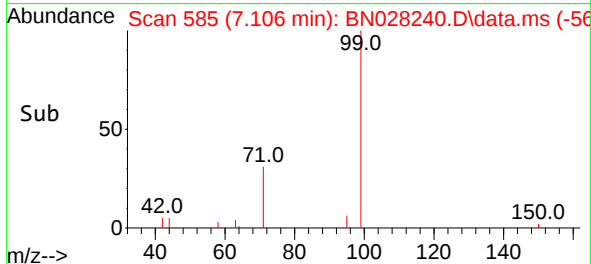
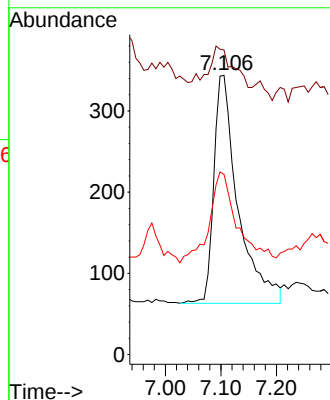
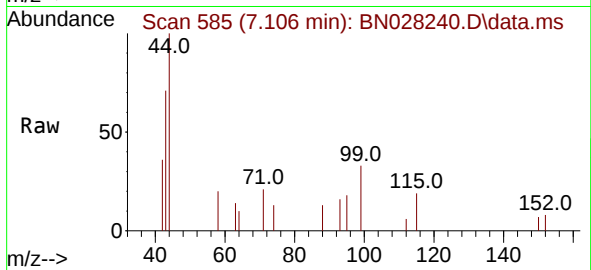




#5
Phenol-d6
Concen: 0.073 ng
RT: 7.106 min Scan# 585
Delta R.T. 0.014 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

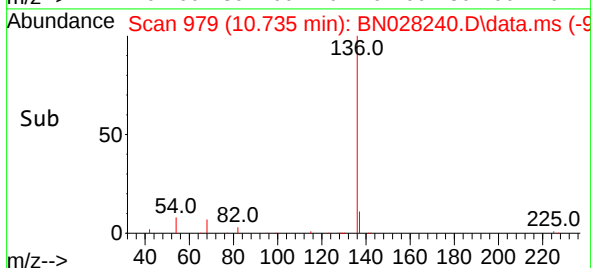
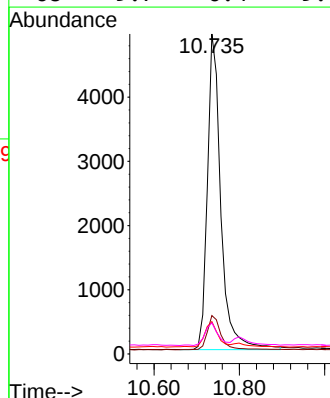
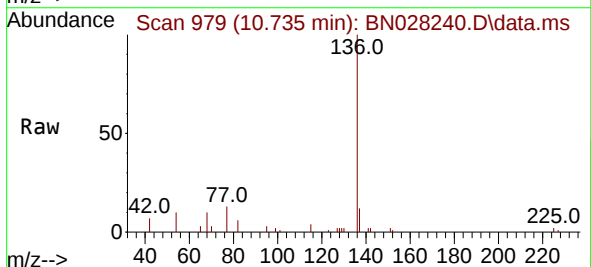
Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

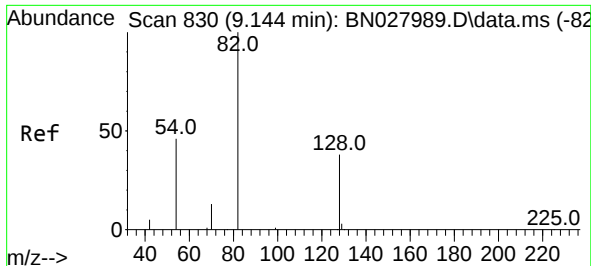
Tgt Ion: 99 Resp: 852
Ion Ratio Lower Upper
99 100
42 17.4 14.6 22.0
71 46.4 28.3 42.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 979
Delta R.T. 0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

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#

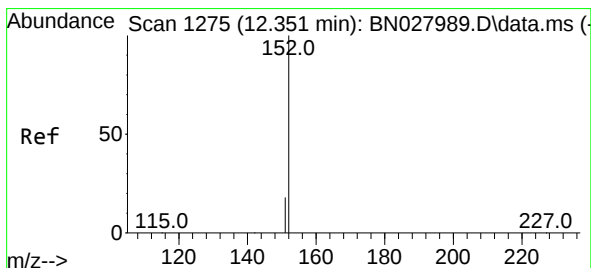
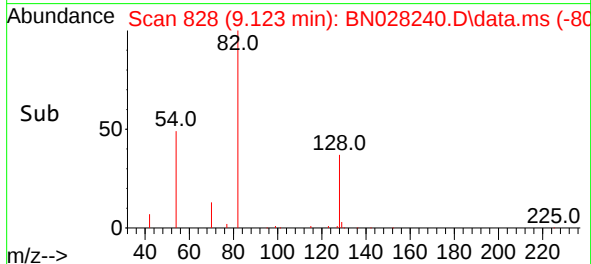
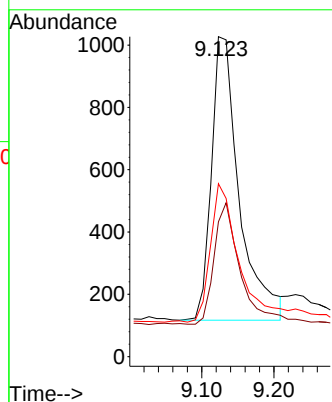
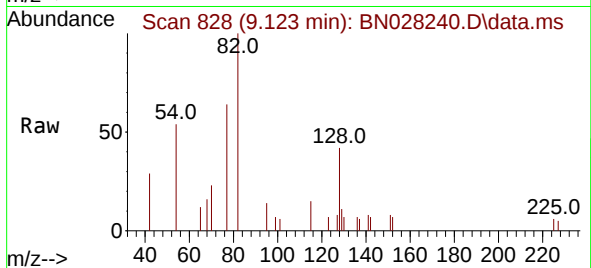




#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 9.123 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

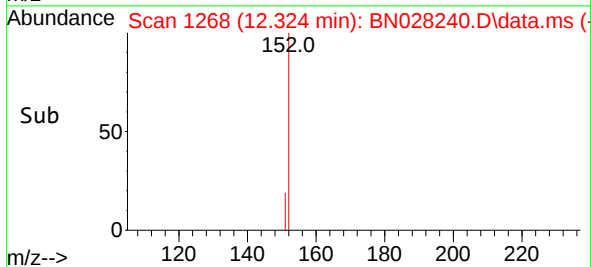
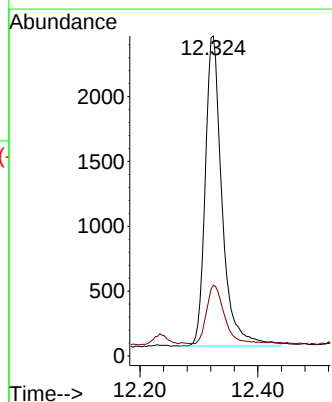
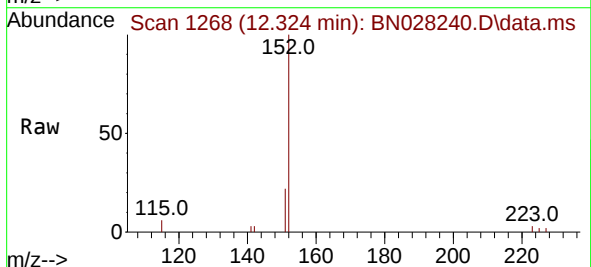
Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

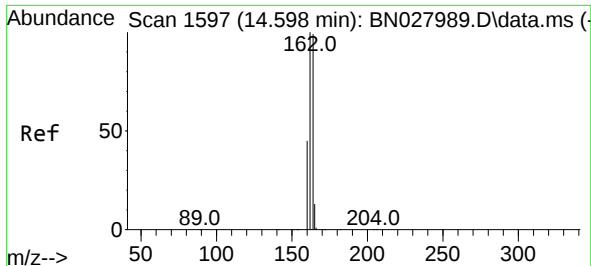
Tgt Ion: 82 Resp: 2439
Ion Ratio Lower Upper
82 100
128 42.2 32.7 49.1
54 54.0 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.324 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

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

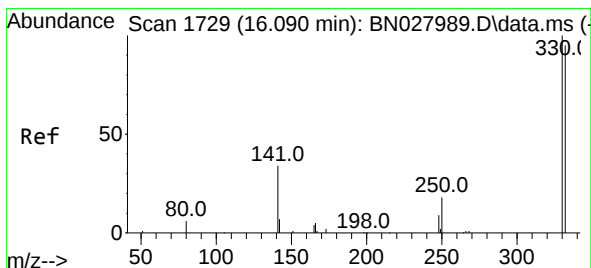
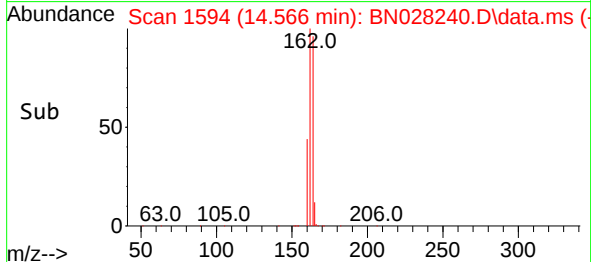
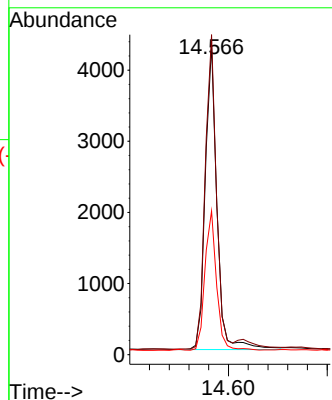
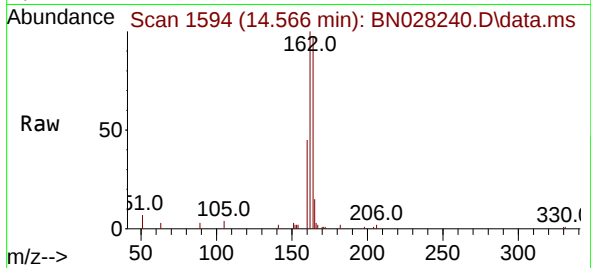




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

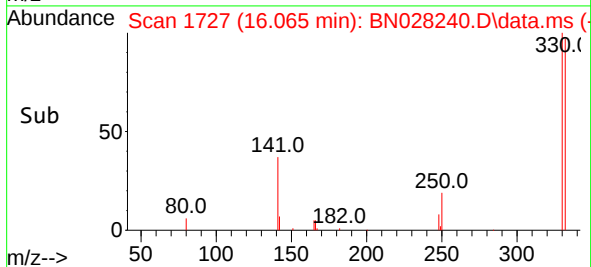
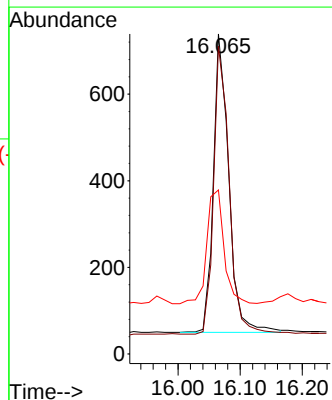
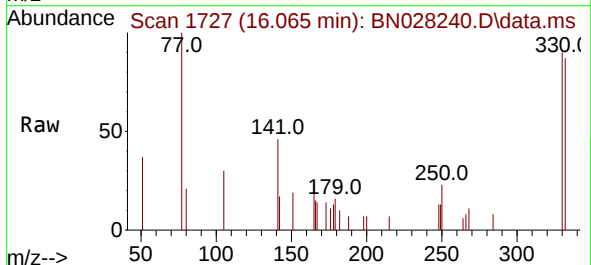
Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

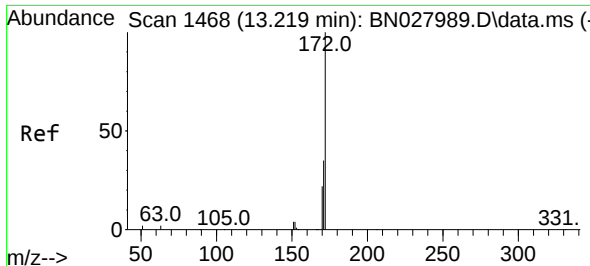
Tgt Ion:164 Resp: 7049
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 46.4 36.4 54.6



#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 16.065 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

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

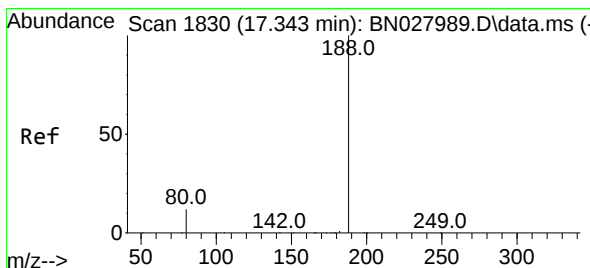
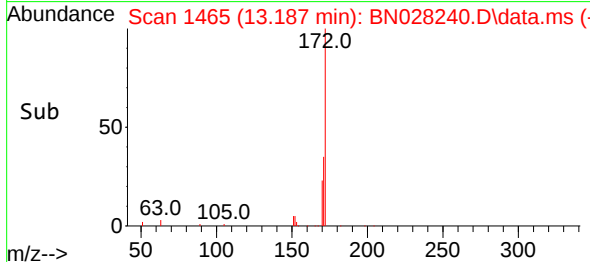
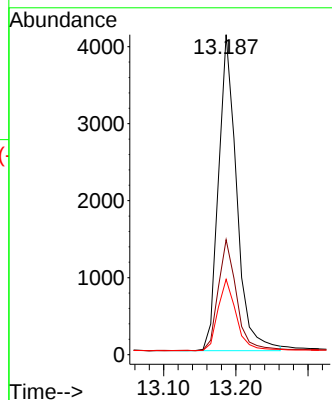
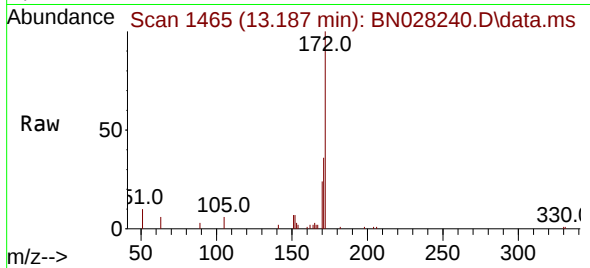




#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 13.187 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

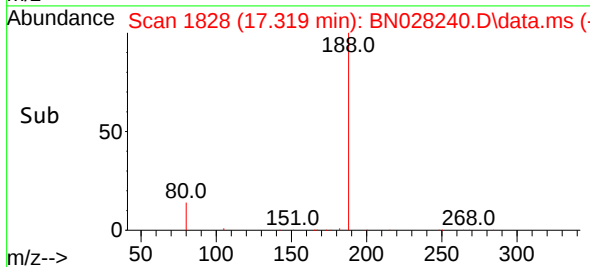
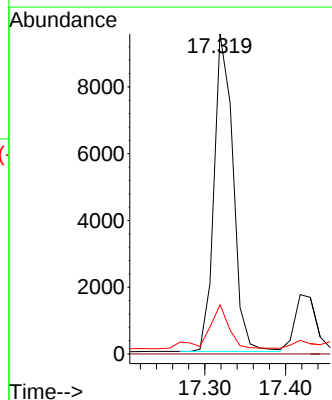
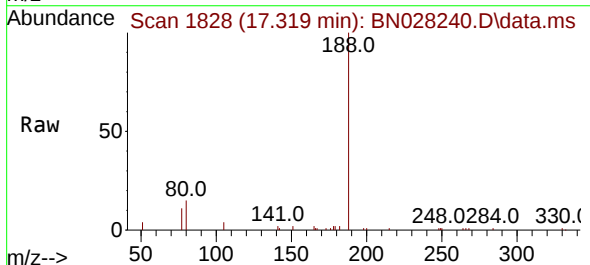
Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

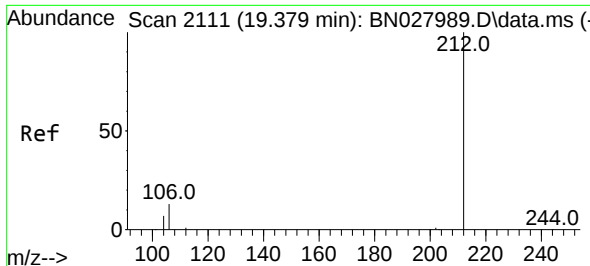
Tgt Ion:172	Resp:	7159
Ion	Ratio	Lower Upper
172	100	
171	35.9	28.1 42.1
170	23.5	18.4 27.6



#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

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

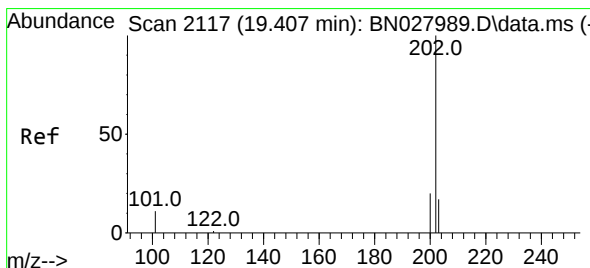
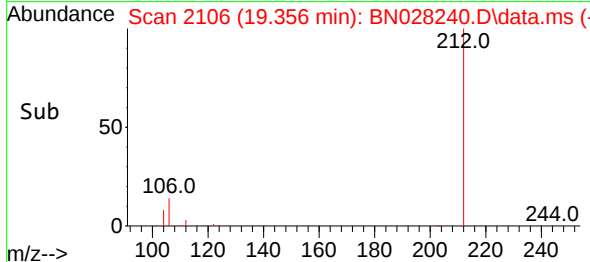
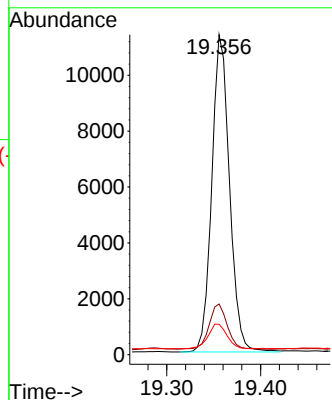
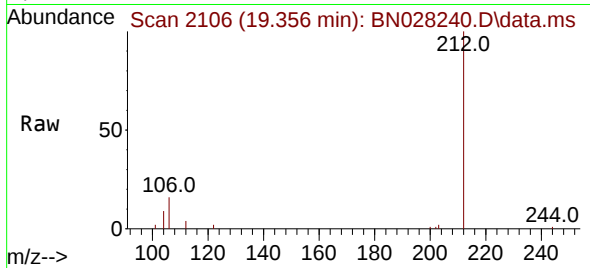




#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.356 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

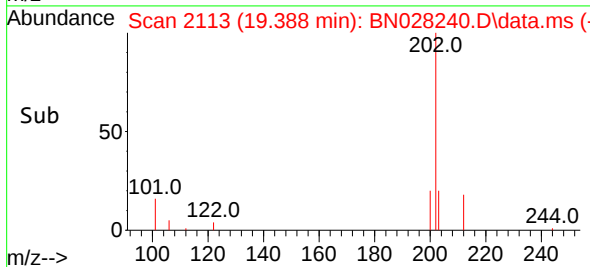
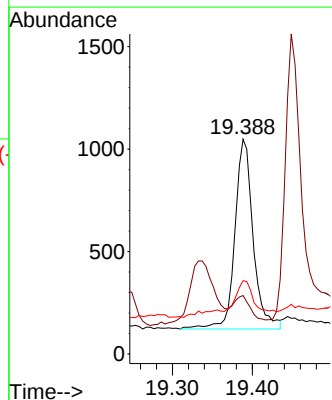
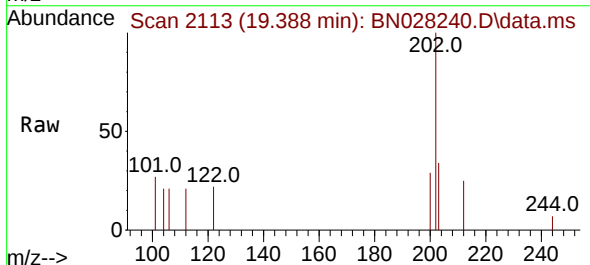
Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

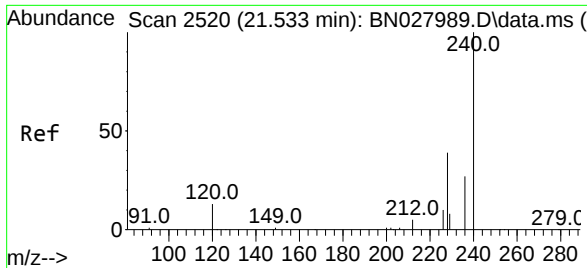
Tgt Ion:212 Resp: 14888
Ion Ratio Lower Upper
212 100
106 15.0 11.3 16.9
104 8.4 6.4 9.6



#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

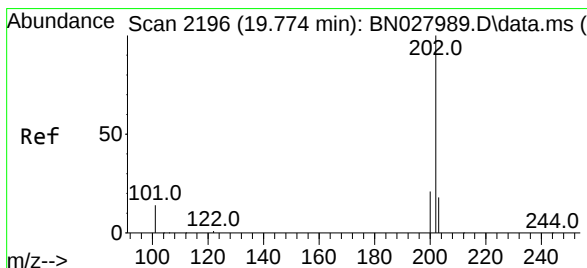
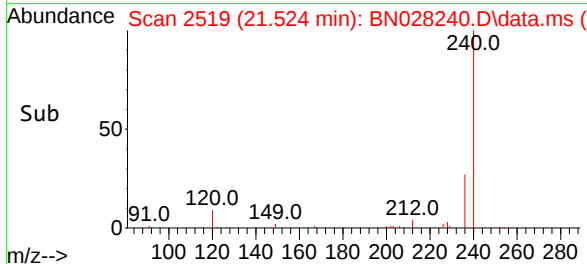
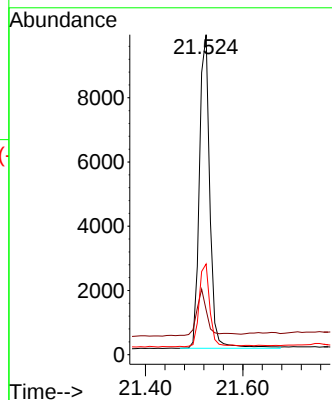
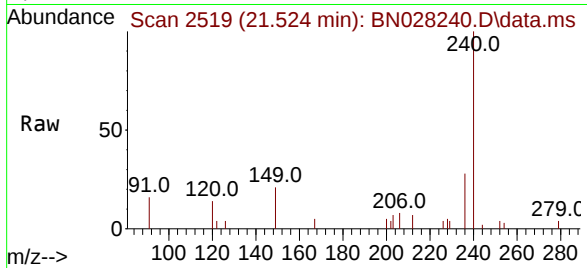




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2119
Delta R.T. 0.009 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

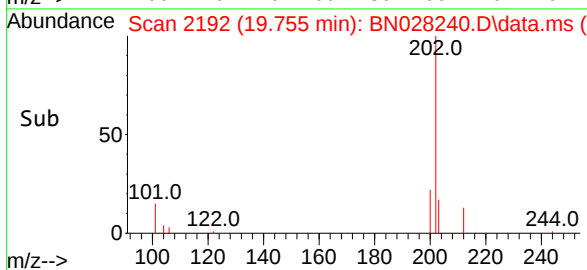
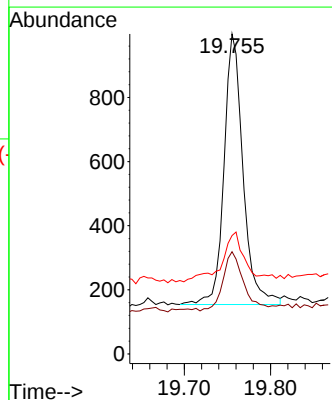
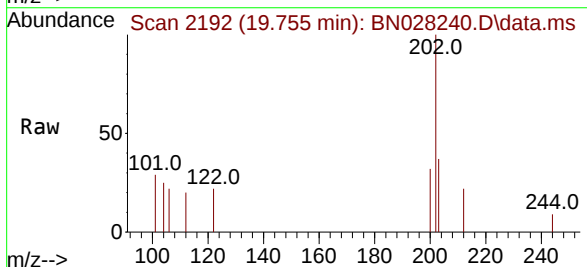
Instrument :
BNA_N
ClientSampleId :
SW-AP-01-100923

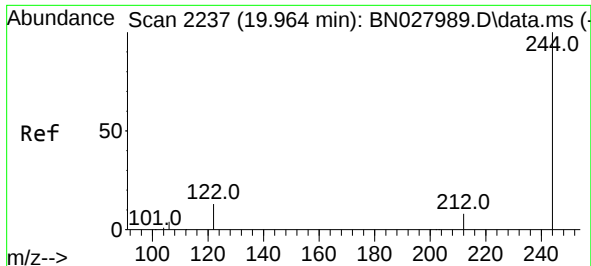
Tgt Ion:240 Resp: 14521
Ion Ratio Lower Upper
240 100
120 14.0 13.8 20.6
236 28.4 22.6 33.8



#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

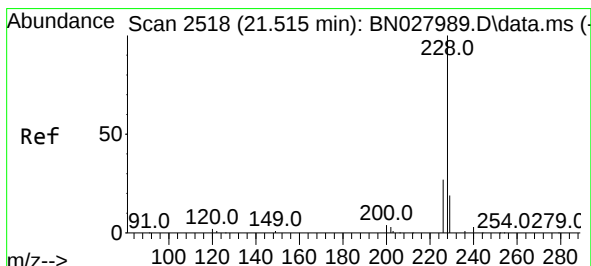
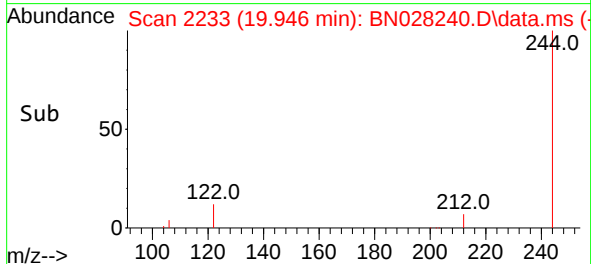
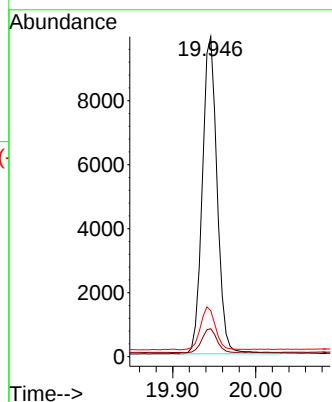
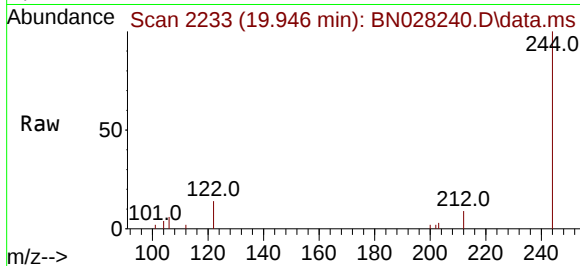




#31
 Terphenyl-d14
 Concen: 0.363 ng
 RT: 19.946 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN028240.D
 Acq: 11 Oct 2023 19:38

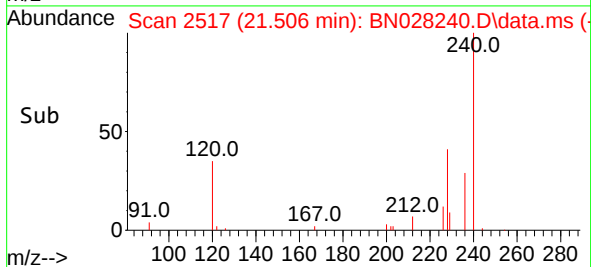
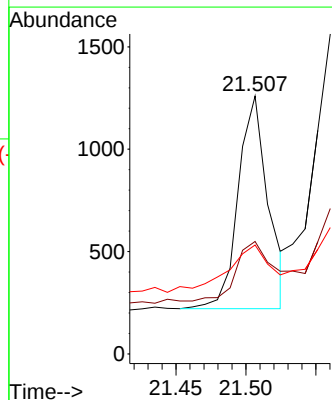
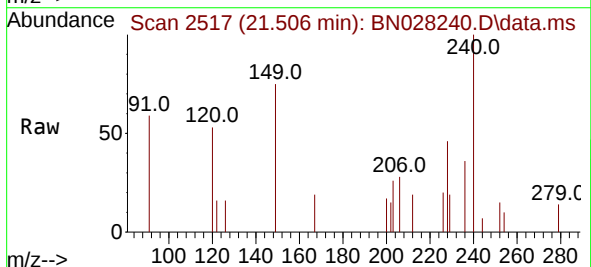
Instrument :
 BNA_N
 ClientSampleId :
 SW-AP-01-100923

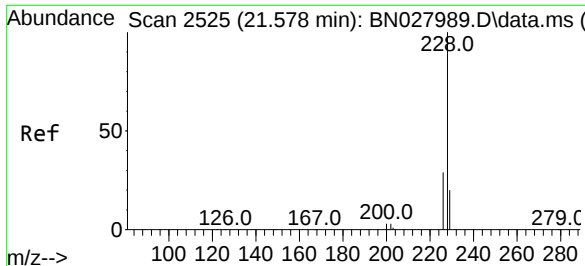
Tgt Ion:244 Resp: 12286
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 9.8
 122 14.4 11.4 17.0



#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# 21

Delta R.T. 0.009 min

Lab File: BN028240.D

Acq: 11 Oct 2023 19:38

Instrument :

BNA_N

ClientSampleId :

SW-AP-01-100923

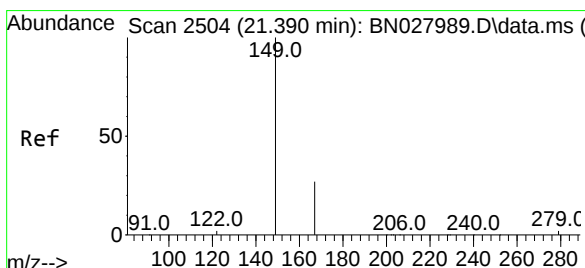
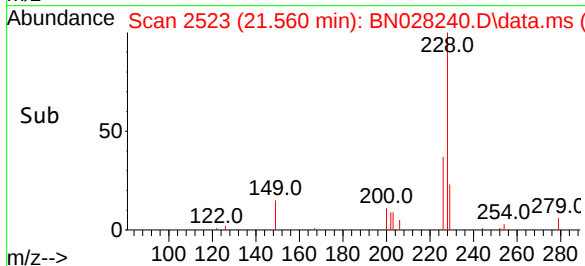
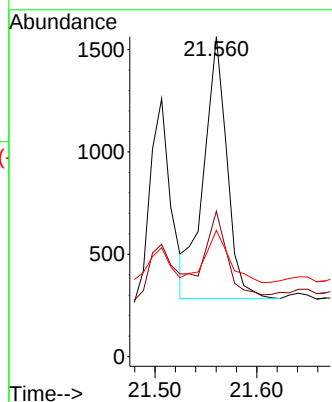
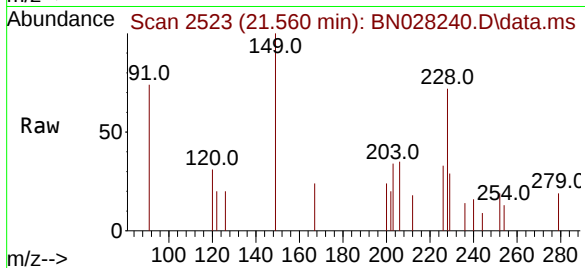
Tgt Ion:228 Resp: 2034

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

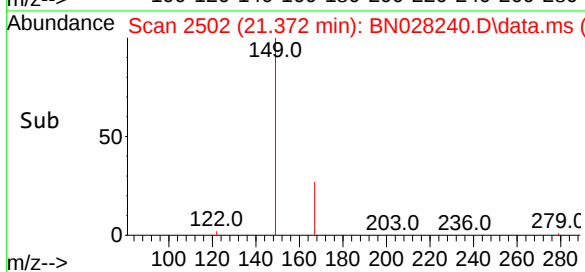
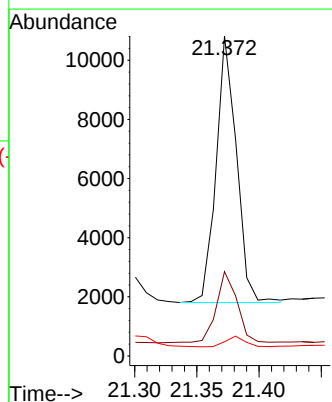
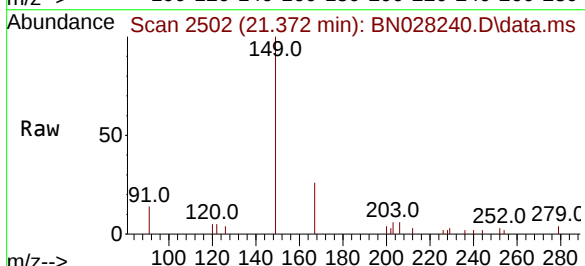
Tgt Ion:149 Resp: 10254

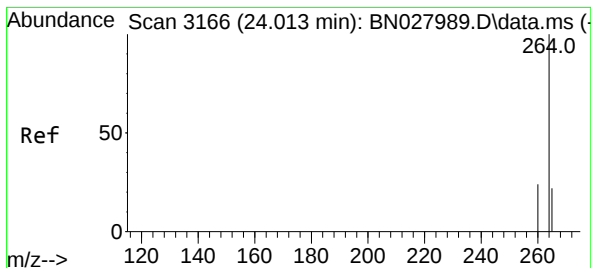
Ion Ratio Lower Upper

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

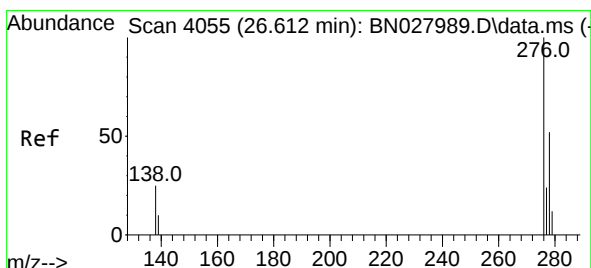
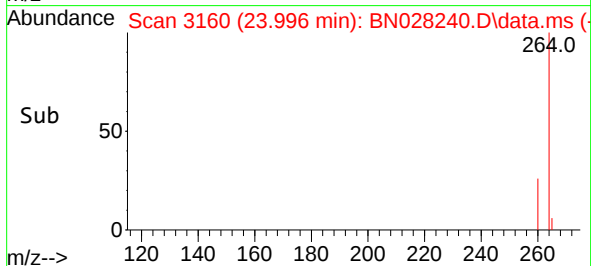
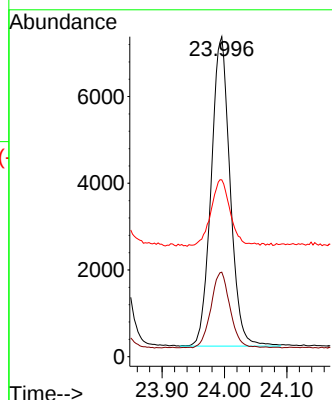
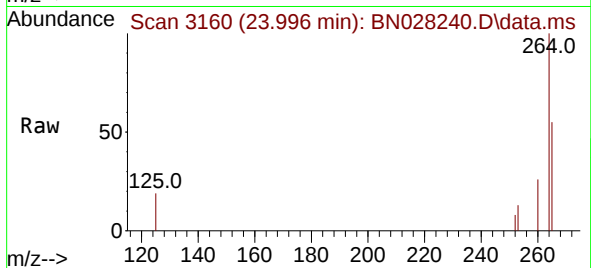
Tgt Ion:264 Resp: 15072

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

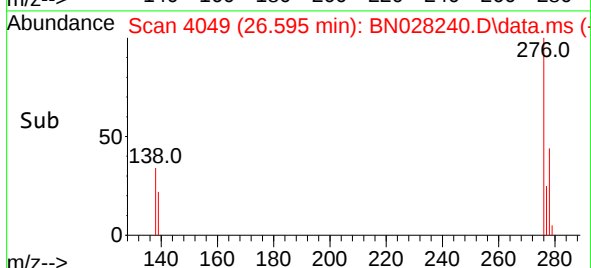
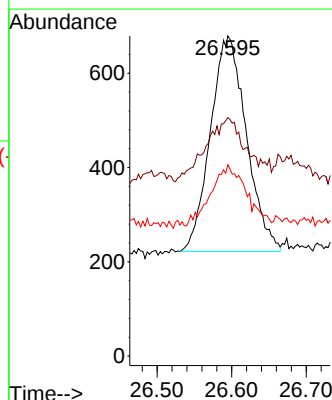
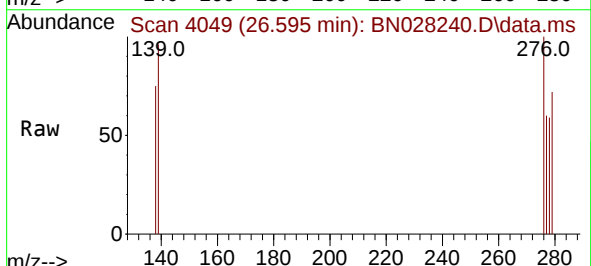
Tgt Ion:276 Resp: 1535

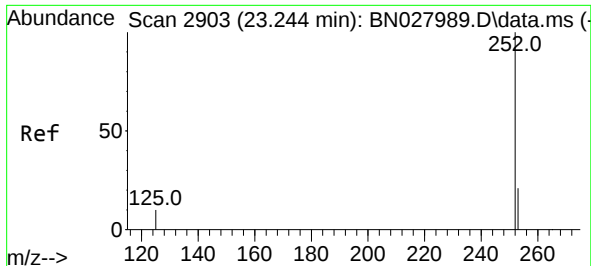
Ion Ratio Lower Upper

276 100

138 31.5 20.9 31.3#

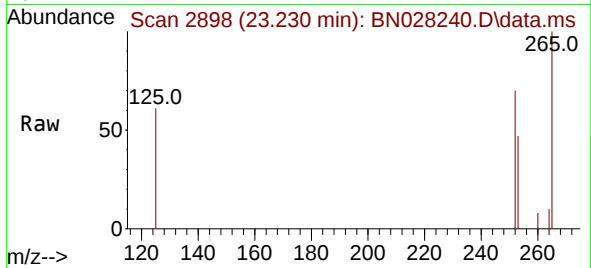
277 28.4 19.8 29.6



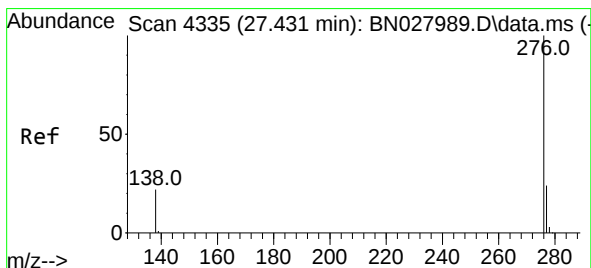
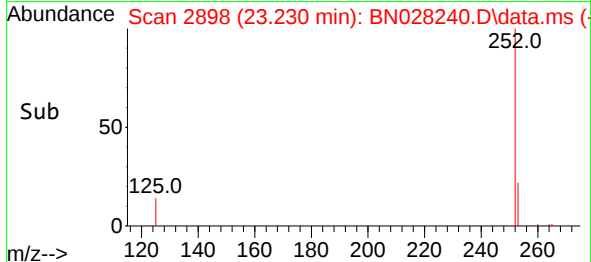
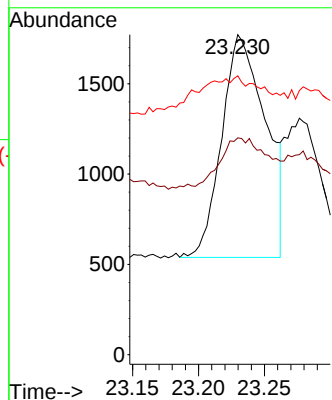


#37
Benzo(b)fluoranthene
Concen: 0.058 ng
RT: 23.230 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN028240.D
Acq: 11 Oct 2023 19:38

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#



#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#

