

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028238.D
 Acq On : 11 Oct 2023 18:26
 Operator : MA/JU
 Sample : 04810-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-640-642

Quant Time: Oct 12 04:05:27 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)

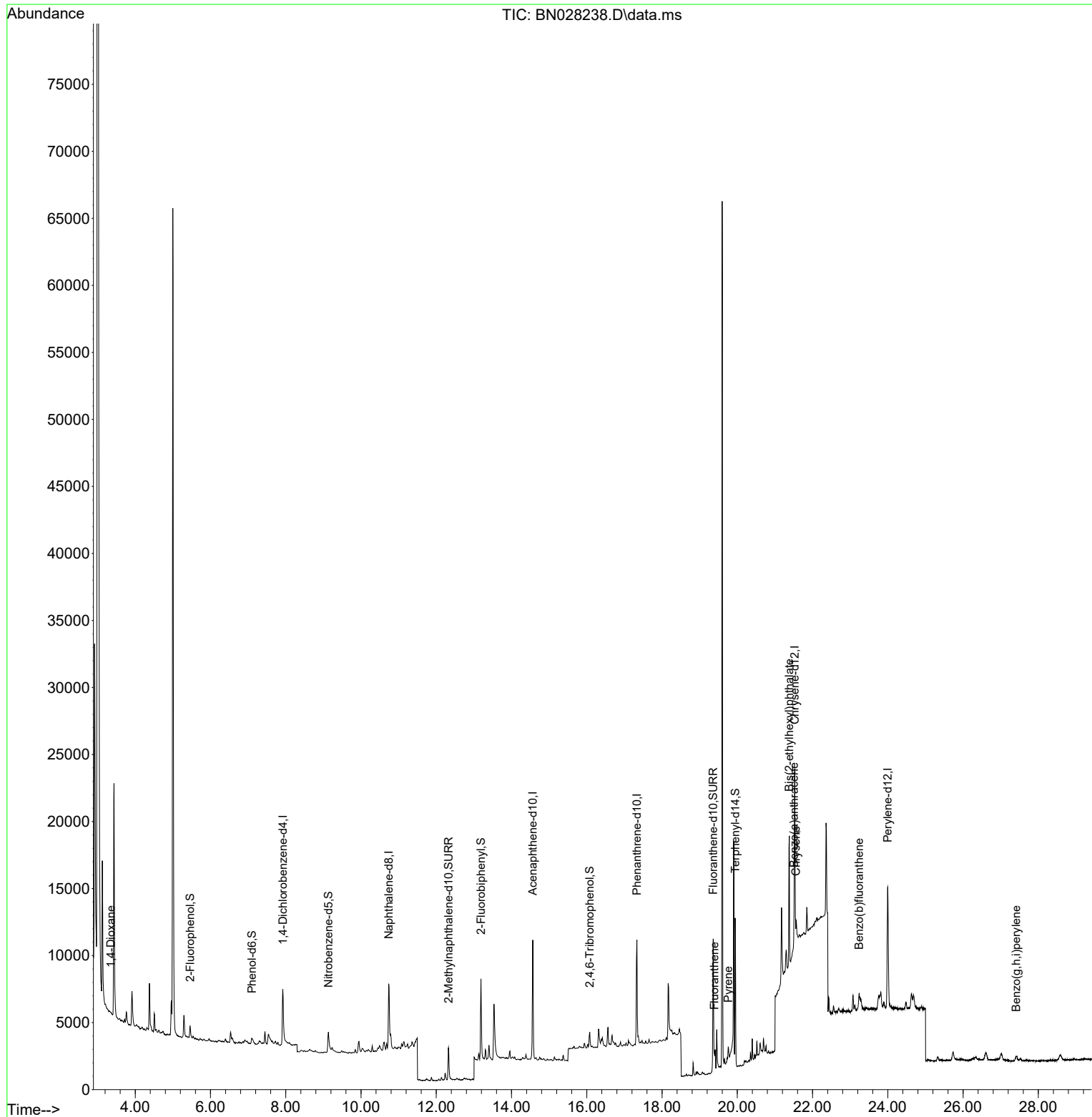
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	2380	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	8295	0.400	ng	# 0.00
13) Acenaphthene-d10	14.566	164	5235	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	11917	0.400	ng	# 0.01
29) Chrysene-d12	21.524	240	12729	0.400	ng	0.00
35) Perylene-d12	23.999	264	13747	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	927	0.131	ng	0.00
5) Phenol-d6	7.098	99	736	0.082	ng	0.00
8) Nitrobenzene-d5	9.134	82	1886	0.267	ng	0.01
11) 2-Methylnaphthalene-d10	12.324	152	3886	0.316	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	795	0.332	ng	0.00
15) 2-Fluorobiphenyl	13.187	172	5760	0.305	ng	0.00
27) Fluoranthene-d10	19.360	212	10791	0.361	ng	0.00
31) Terphenyl-d14	19.946	244	10709	0.361	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.350	88	78	0.029	ng	# 69
28) Fluoranthene	19.393	202	1122	0.030	ng	# 64
30) Pyrene	19.760	202	1108	0.024	ng	# 79
32) Benzo(a)anthracene	21.506	228	1346	0.031	ng	# 47
33) Chrysene	21.560	228	1577	0.038	ng	# 57
34) Bis(2-ethylhexyl)phtha...	21.381	149	9582	0.336	ng	99
37) Benzo(b)fluoranthene	23.235	252	2237	0.050	ng	# 1
41) Benzo(g,h,i)perylene	27.413	276	1015	0.026	ng	# 1

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

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BP-VPB-RW10A-GW-640-642

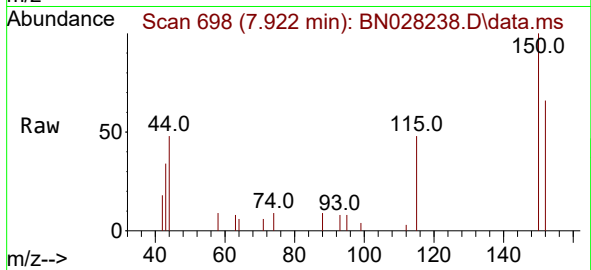
Quant Time: Oct 12 04:05:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
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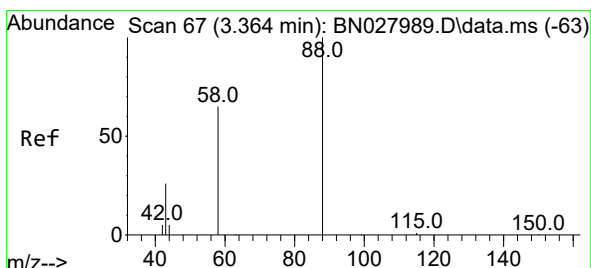
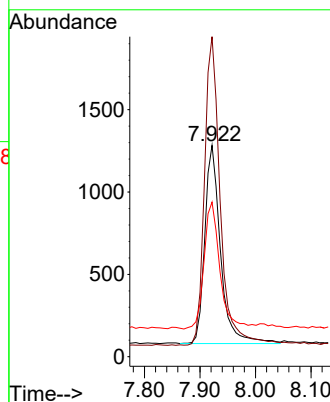
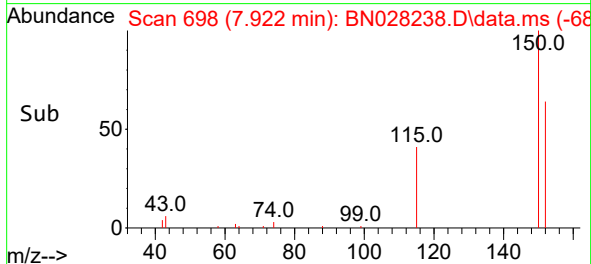


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.922 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028238.D
 Acq: 11 Oct 2023 18:26

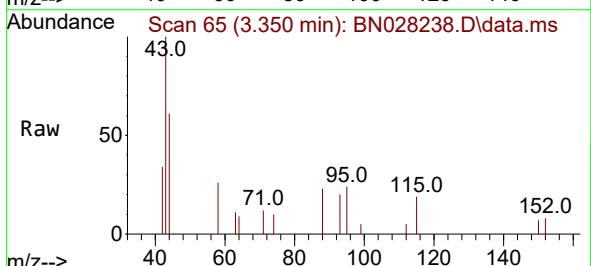
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-640-642



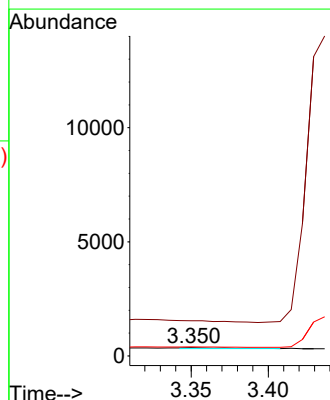
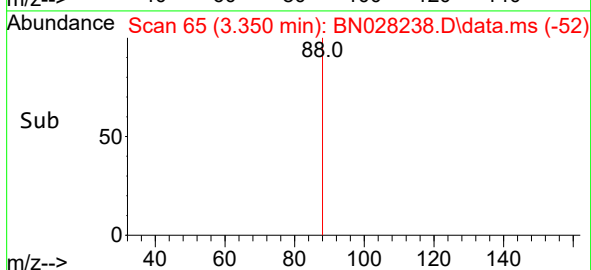
Tgt Ion:152 Resp: 2380
 Ion Ratio Lower Upper
 152 100
 150 151.4 125.6 188.4
 115 73.2 54.8 82.2

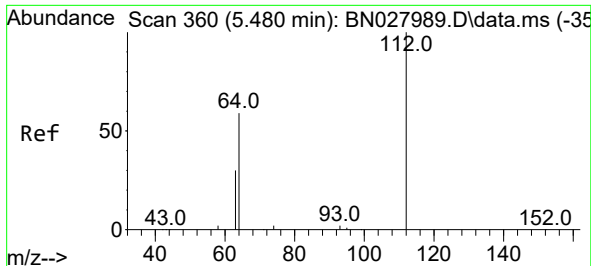


#2
 1,4-Dioxane
 Concen: 0.029 ng
 RT: 3.350 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: BN028238.D
 Acq: 11 Oct 2023 18:26



Tgt Ion: 88 Resp: 78
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.6 36.8#
 58 51.3 53.8 80.6#

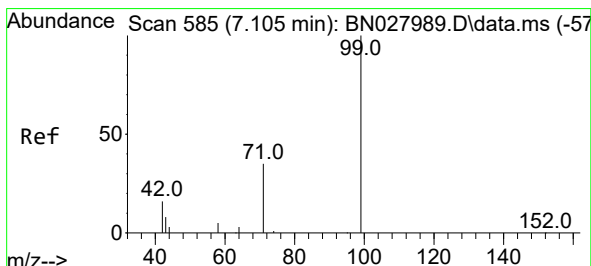
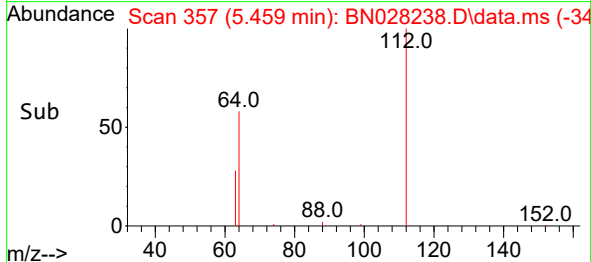
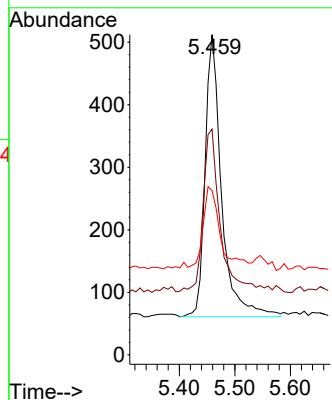
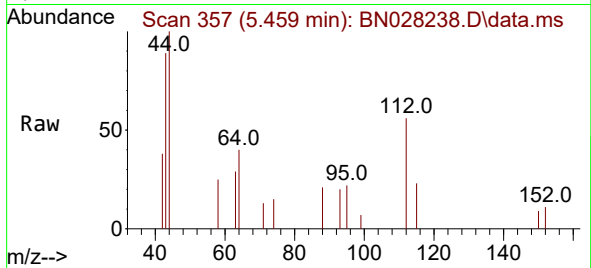




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.459 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN028238.D
Acq: 11 Oct 2023 18:26

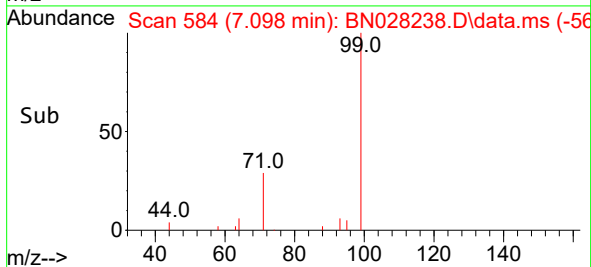
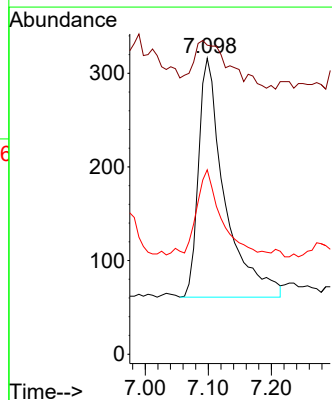
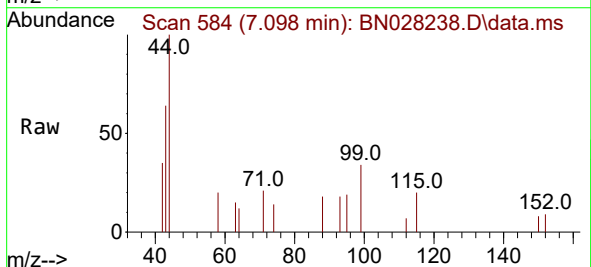
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-640-642

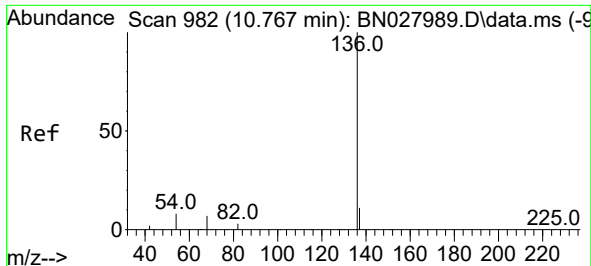
Tgt Ion:112 Resp: 927
Ion Ratio Lower Upper
112 100
64 58.9 45.0 67.6
63 29.7 23.4 35.0



#5
Phenol-d6
Concen: 0.082 ng
RT: 7.098 min Scan# 584
Delta R.T. 0.007 min
Lab File: BN028238.D
Acq: 11 Oct 2023 18:26

Tgt Ion: 99 Resp: 736
Ion Ratio Lower Upper
99 100
42 27.0 14.6 22.0#
71 33.6 28.3 42.5

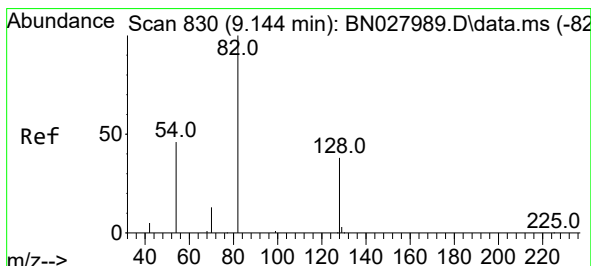
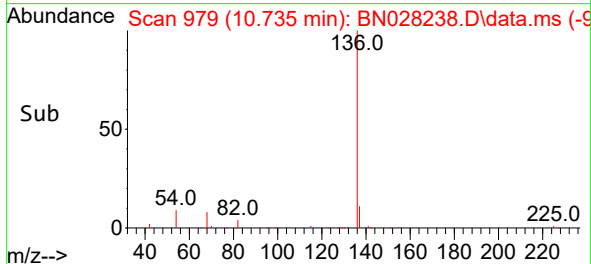
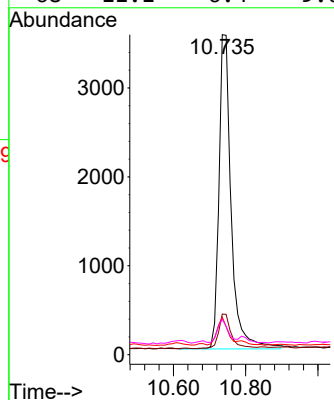
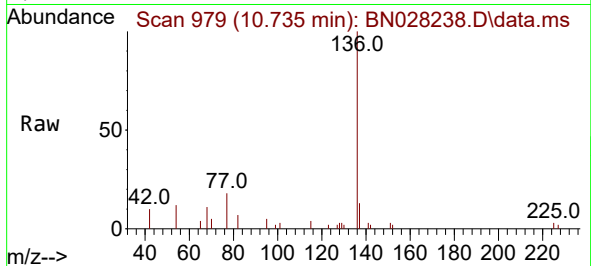




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN028238.D
Acq: 11 Oct 2023 18:26

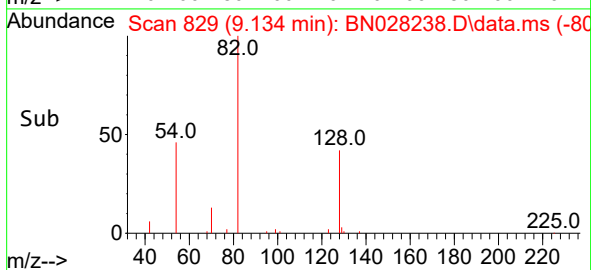
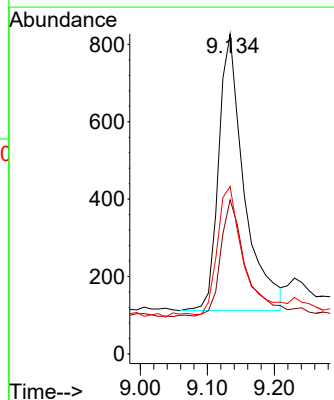
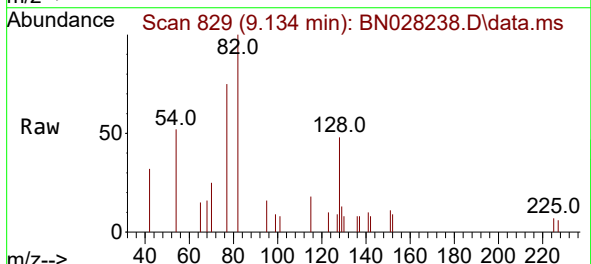
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-640-642

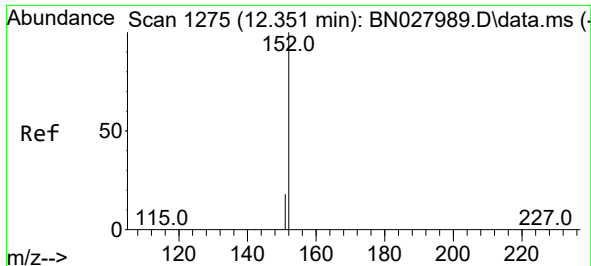
Tgt Ion:	136	Resp:	8295
Ion Ratio	Lower	Upper	
136	100		
137	12.7	9.4	14.0
54	11.8	7.0	10.6#
68	11.1	6.4	9.6#



#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 9.134 min Scan# 829
Delta R.T. 0.011 min
Lab File: BN028238.D
Acq: 11 Oct 2023 18:26

Tgt Ion:	82	Resp:	1886
Ion Ratio	Lower	Upper	
82	100		
128	48.1	32.7	49.1
54	52.4	38.7	58.1

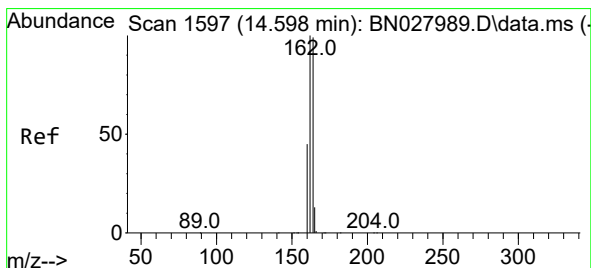
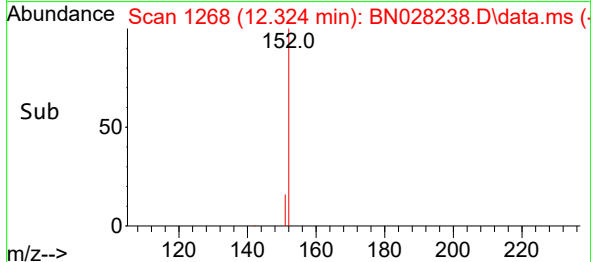
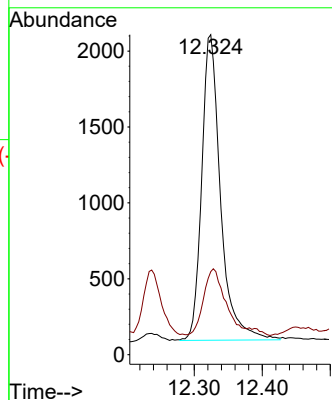
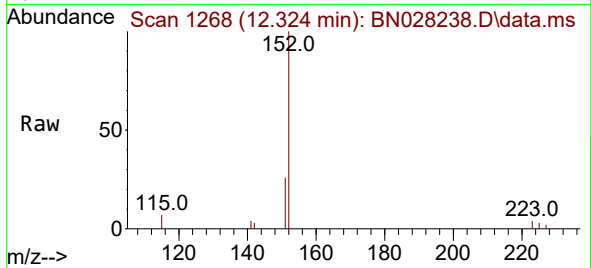




#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028238.D
Acq: 11 Oct 2023 18:26

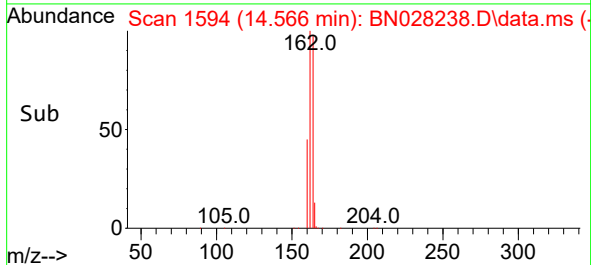
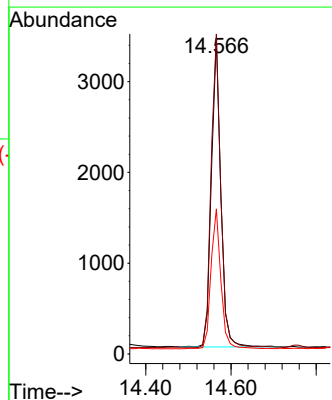
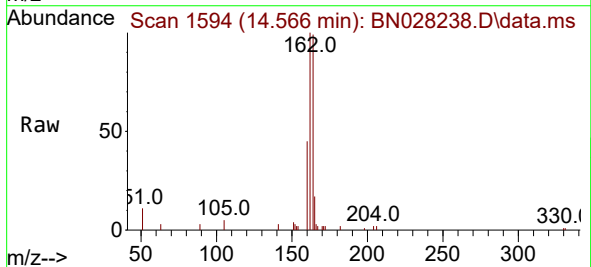
Instrument :
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ClientSampleId :
BP-VPB-RW10A-GW-640-642

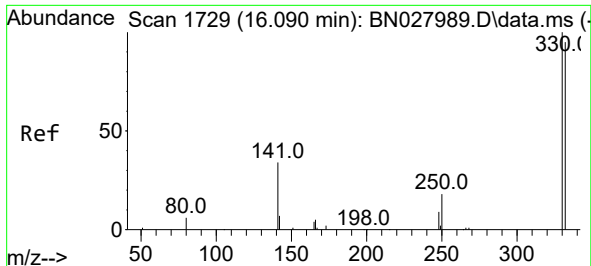
Tgt Ion:152 Resp: 3886
Ion Ratio Lower Upper
152 100
151 26.9 16.5 24.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN028238.D
Acq: 11 Oct 2023 18:26

Tgt Ion:164 Resp: 5235
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 46.0 36.4 54.6

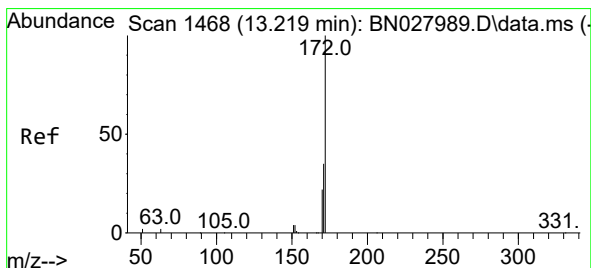
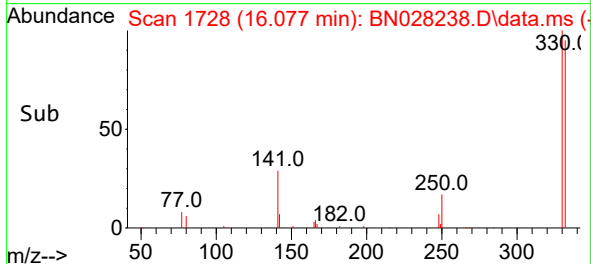
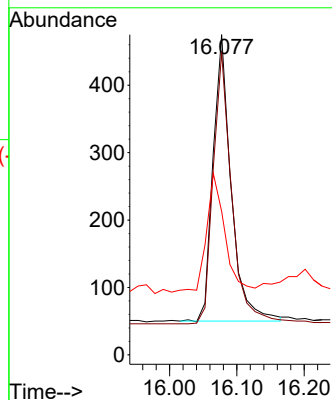
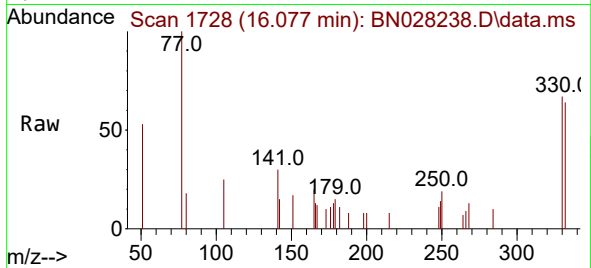




#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 16.077 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028238.D
Acq: 11 Oct 2023 18:26

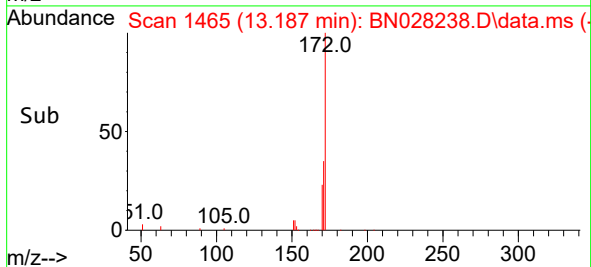
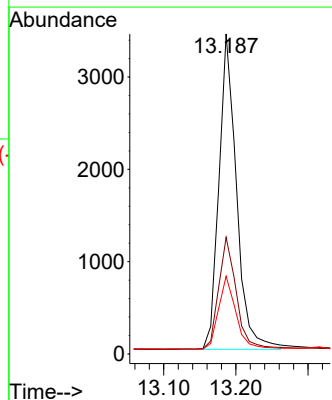
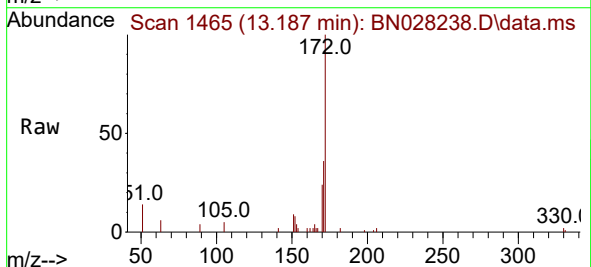
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-640-642

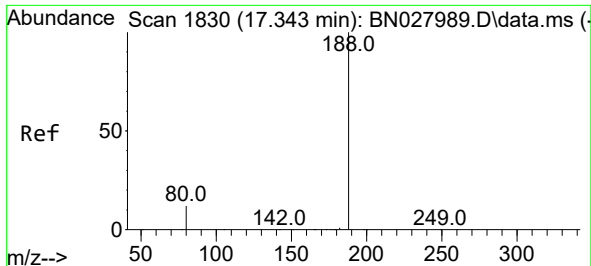
Tgt Ion:330 Resp: 795
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 42.0 33.4 50.2



#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.187 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN028238.D
Acq: 11 Oct 2023 18:26

Tgt Ion:172 Resp: 5760
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 24.3 18.4 27.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.331 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN028238.D

Acq: 11 Oct 2023 18:26

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-640-642

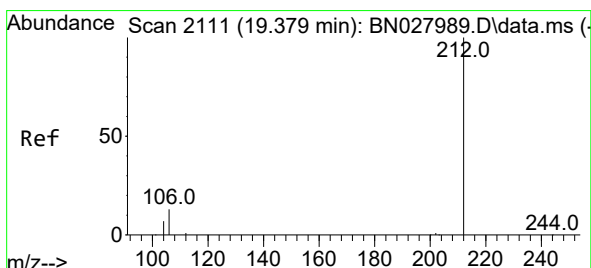
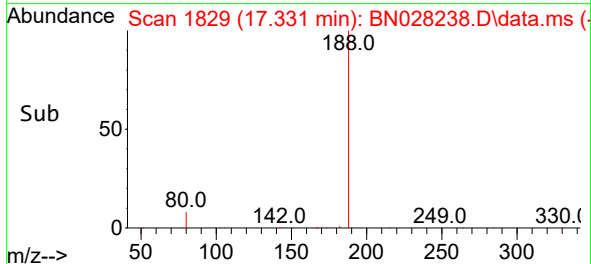
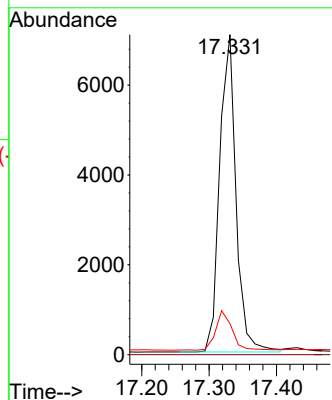
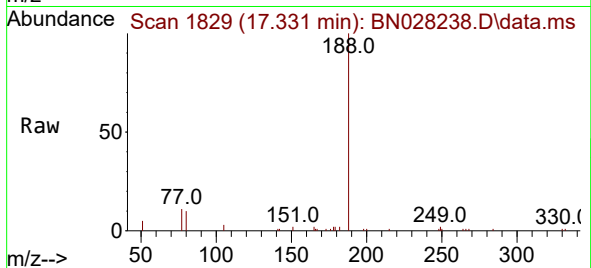
Tgt Ion:188 Resp: 11917

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 10.2 15.4#



#27

Fluoranthene-d10

Concen: 0.361 ng

RT: 19.360 min Scan# 2107

Delta R.T. 0.005 min

Lab File: BN028238.D

Acq: 11 Oct 2023 18:26

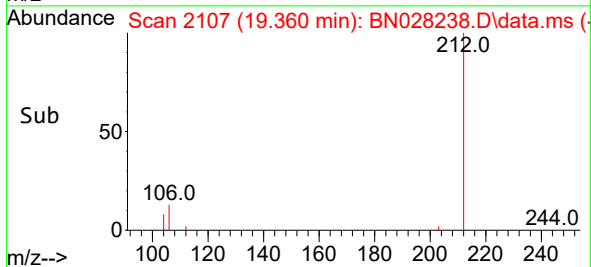
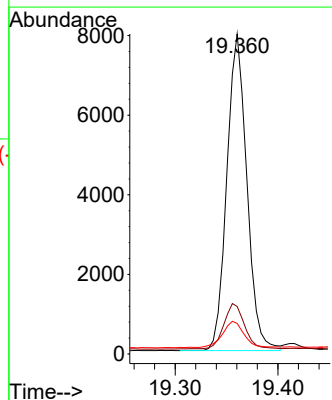
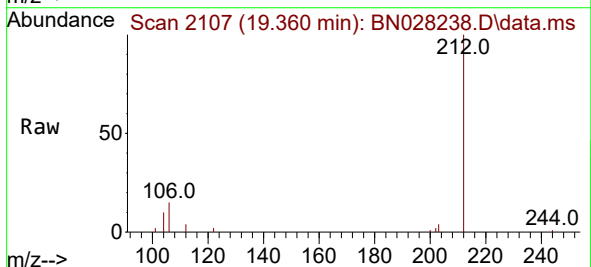
Tgt Ion:212 Resp: 10791

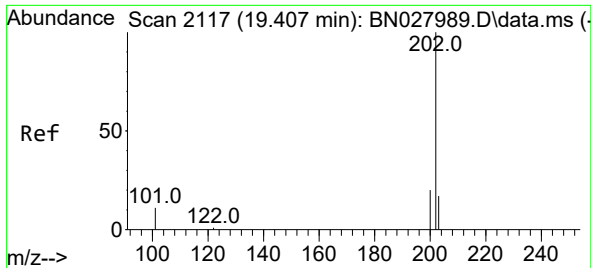
Ion Ratio Lower Upper

212 100

106 15.2 11.3 16.9

104 9.2 6.4 9.6

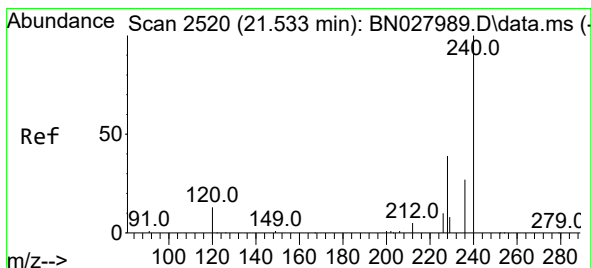
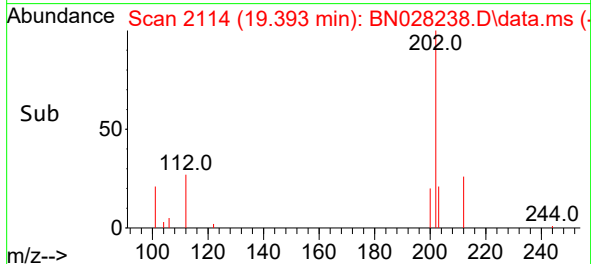
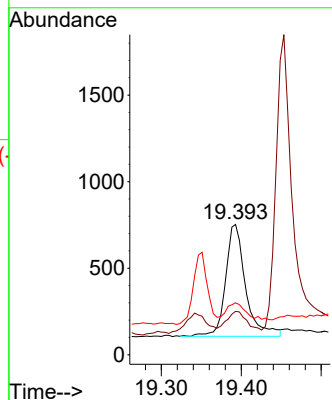
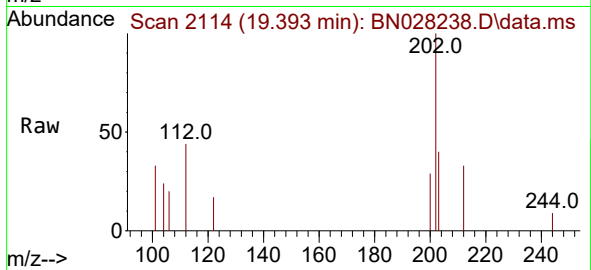




#28
Fluoranthene
Concen: 0.030 ng
RT: 19.393 min Scan# 2114
Delta R.T. 0.009 min
Lab File: BN028238.D
Acq: 11 Oct 2023 18:26

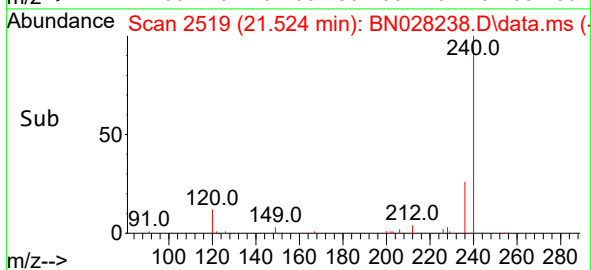
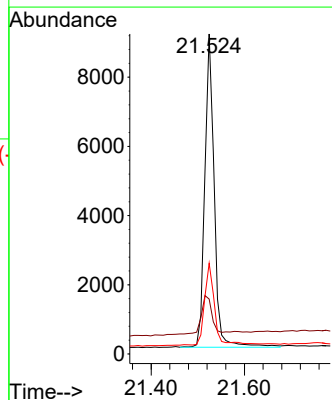
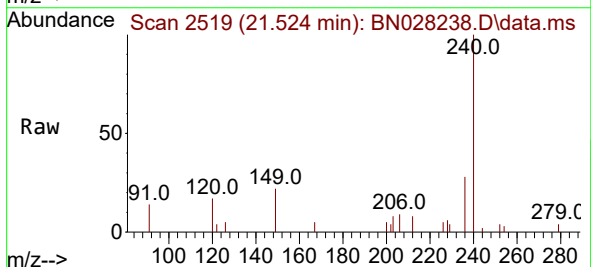
Instrument :
BNA_N
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BP-VPB-RW10A-GW-640-642

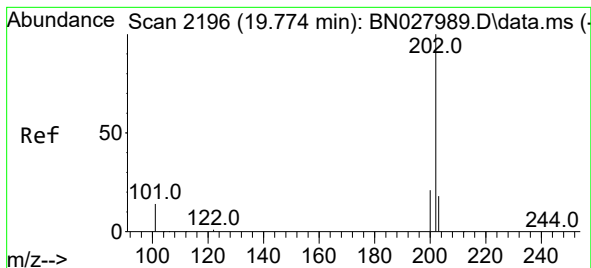
Tgt Ion:202 Resp: 1122
Ion Ratio Lower Upper
202 100
101 0.0 9.8 14.6#
203 0.0 13.8 20.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.009 min
Lab File: BN028238.D
Acq: 11 Oct 2023 18:26

Tgt Ion:240 Resp: 12729
Ion Ratio Lower Upper
240 100
120 17.2 13.8 20.6
236 28.4 22.6 33.8





#30

Pyrene

Concen: 0.024 ng

RT: 19.760 min Scan# 2196

Delta R.T. 0.009 min

Lab File: BN028238.D

Acq: 11 Oct 2023 18:26

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-640-642

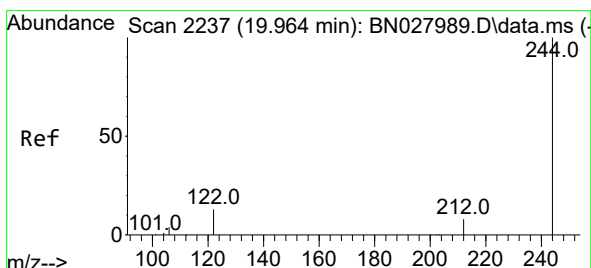
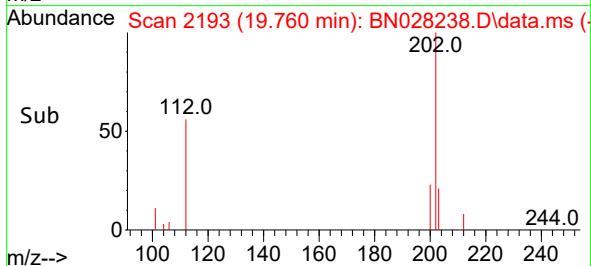
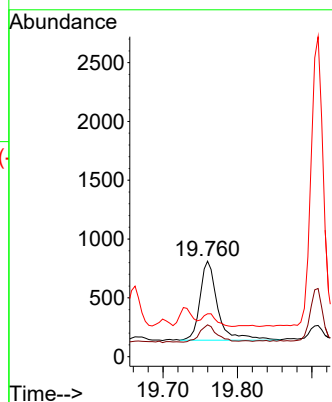
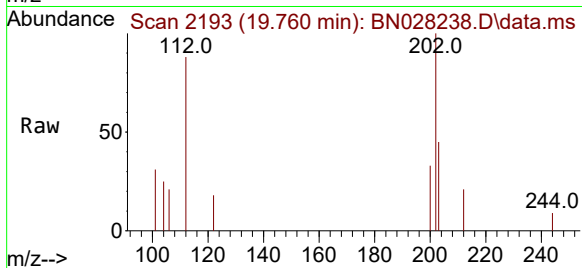
Tgt Ion:202 Resp: 1108

Ion Ratio Lower Upper

202 100

200 21.8 16.5 24.7

203 0.0 14.7 22.1#



#31

Terphenyl-d14

Concen: 0.361 ng

RT: 19.946 min Scan# 2233

Delta R.T. 0.005 min

Lab File: BN028238.D

Acq: 11 Oct 2023 18:26

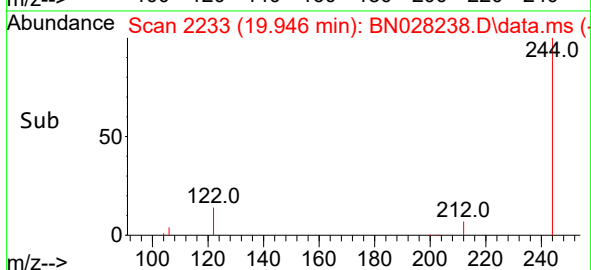
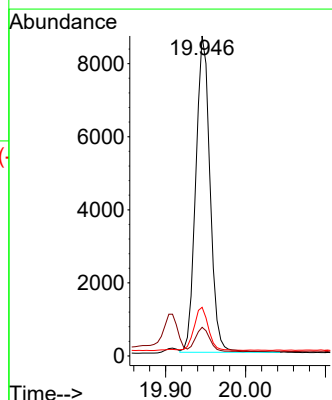
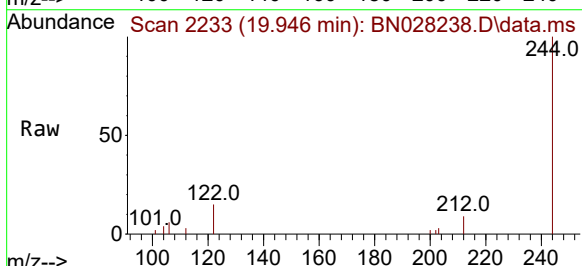
Tgt Ion:244 Resp: 10709

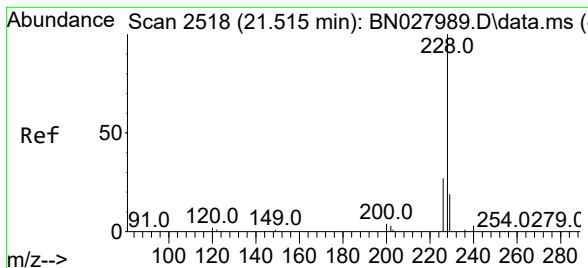
Ion Ratio Lower Upper

244 100

212 9.0 6.6 9.8

122 15.2 11.4 17.0





#32

Benzo(a)anthracene

Concen: 0.031 ng

RT: 21.506 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN028238.D

Acq: 11 Oct 2023 18:26

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-640-642

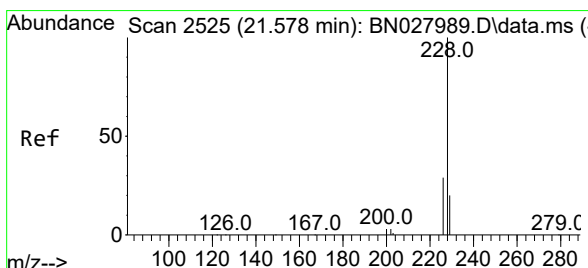
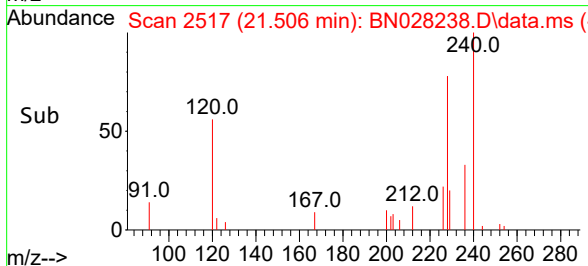
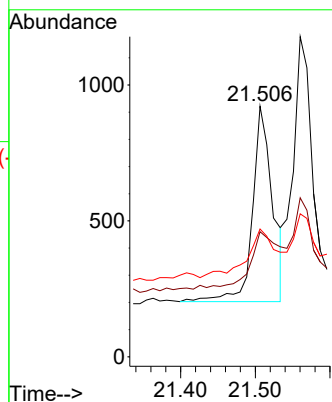
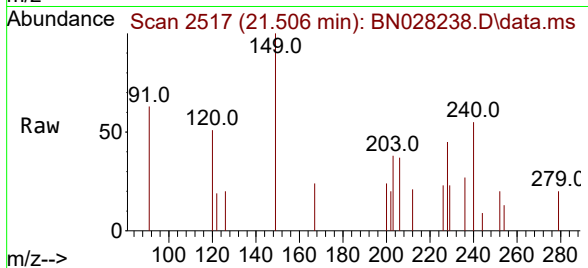
Tgt Ion:228 Resp: 1346

Ion Ratio Lower Upper

228 100

226 49.9 22.0 33.0#

229 51.0 16.0 24.0#



#33

Chrysene

Concen: 0.038 ng

RT: 21.560 min Scan# 2523

Delta R.T. 0.009 min

Lab File: BN028238.D

Acq: 11 Oct 2023 18:26

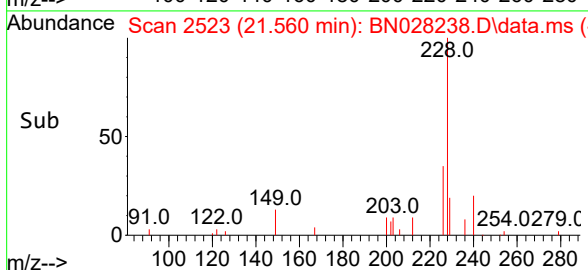
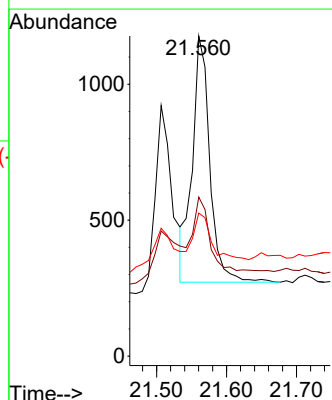
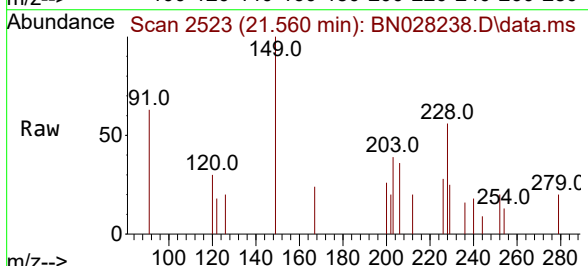
Tgt Ion:228 Resp: 1577

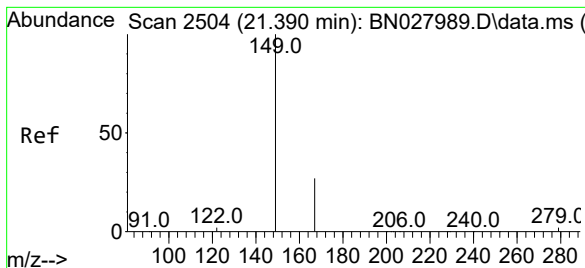
Ion Ratio Lower Upper

228 100

226 49.7 23.8 35.8#

229 44.7 16.6 25.0#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.336 ng

RT: 21.381 min Scan# 21

Delta R.T. 0.018 min

Lab File: BN028238.D

Acq: 11 Oct 2023 18:26

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-640-642

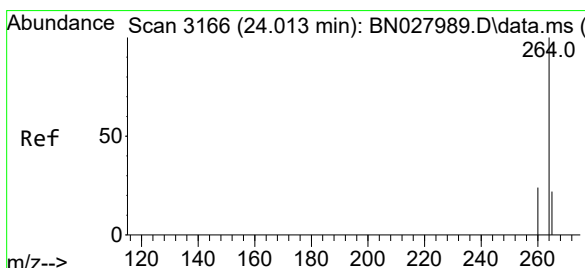
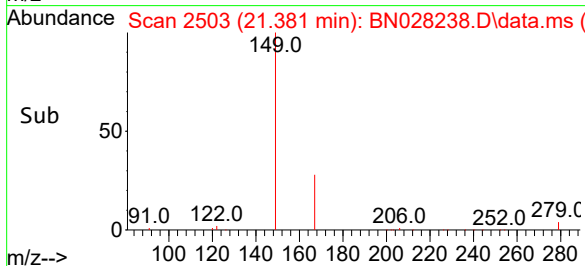
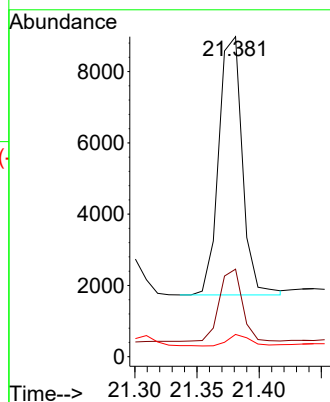
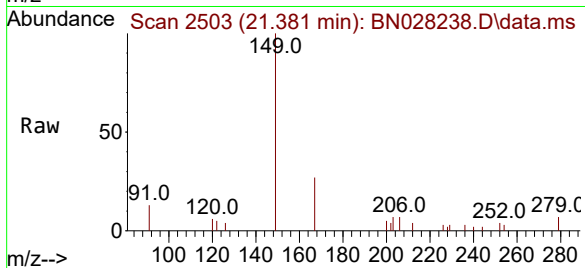
Tgt Ion:149 Resp: 9582

Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 4.1 3.4 5.0



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.999 min Scan# 3161

Delta R.T. 0.023 min

Lab File: BN028238.D

Acq: 11 Oct 2023 18:26

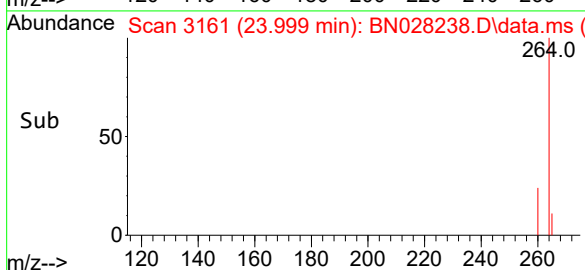
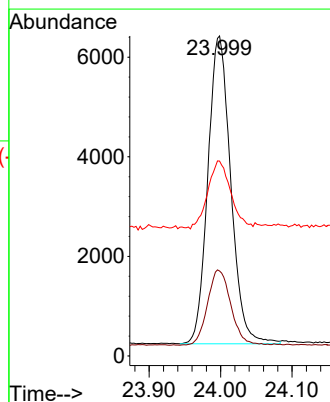
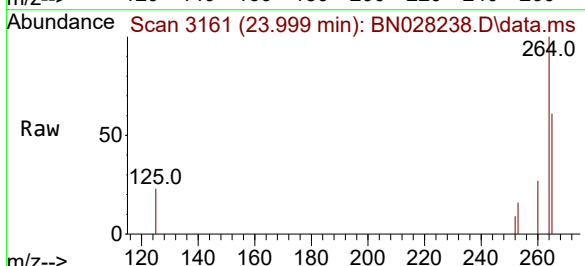
Tgt Ion:264 Resp: 13747

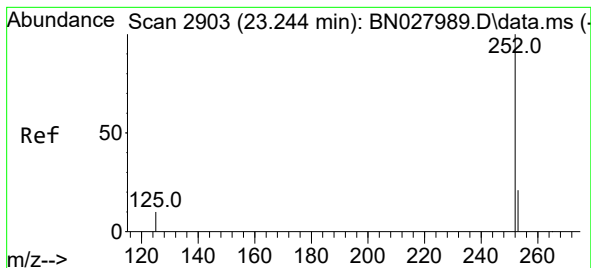
Ion Ratio Lower Upper

264 100

260 26.5 20.2 30.4

265 60.9 54.8 82.2





#37

Benzo(b)fluoranthene

Concen: 0.050 ng

RT: 23.235 min Scan# 2900

Delta R.T. 0.023 min

Lab File: BN028238.D

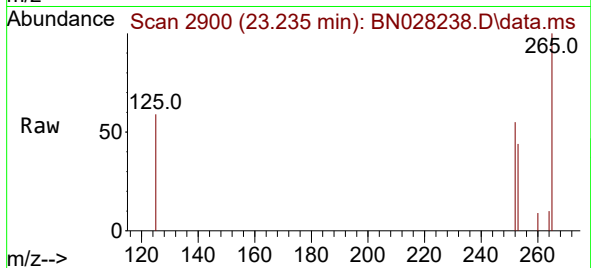
Acq: 11 Oct 2023 18:26

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-640-642



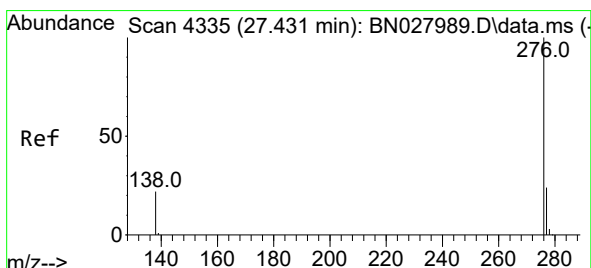
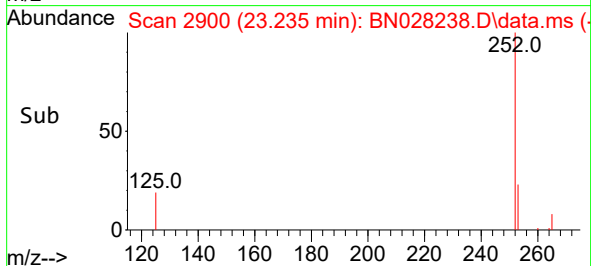
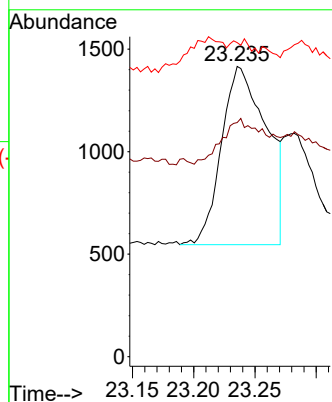
Tgt Ion:252 Resp: 2237

Ion Ratio Lower Upper

252 100

253 80.6 22.9 34.3#

125 108.2 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: BN028238.D

Acq: 11 Oct 2023 18:26

Tgt Ion:276 Resp: 1015

Ion Ratio Lower Upper

276 100

277 74.6 22.1 33.1#

138 88.1 20.8 31.2#

