

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
 Data File : BN028472.D
 Acq On : 04 Nov 2023 13:35
 Operator : MA/JU
 Sample : 05224-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-280-282

Quant Time: Nov 06 04:45:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

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

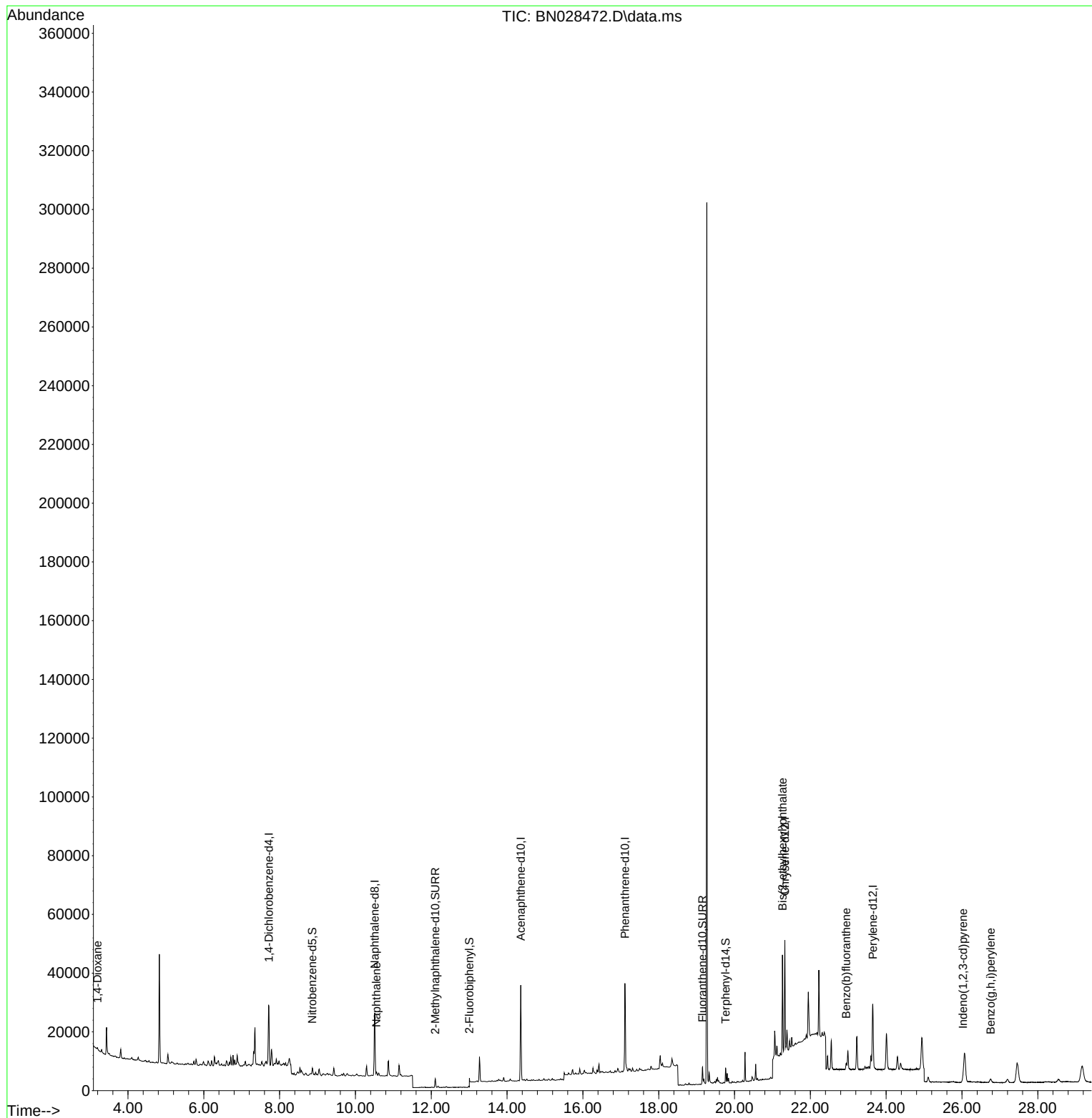
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	8826	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	28440	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	17947	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	40798	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	32281	0.400	ng	0.00
35) Perylene-d12	23.646	264	29939	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	126	0.005	ng	0.00
5) Phenol-d6	6.887	99	181	0.006	ng	0.00
8) Nitrobenzene-d5	8.865	82	1971	0.107	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	3841	0.094	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	89	0.013	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	847	0.040	ng	0.00
27) Fluoranthene-d10	19.157	212	6576	0.065	ng	0.00
31) Terphenyl-d14	19.765	244	4807	0.071	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.196	88	463	0.047	ng	# 73
9) Naphthalene	10.552	128	1617	0.021	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.266	149	28599	0.432	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.028	276	2940	0.072	ng	# 47
37) Benzo(b)fluoranthene	22.947	252	3277	0.095	ng	# 1
41) Benzo(g,h,i)perylene	26.756	276	2499	0.024	ng	# 33

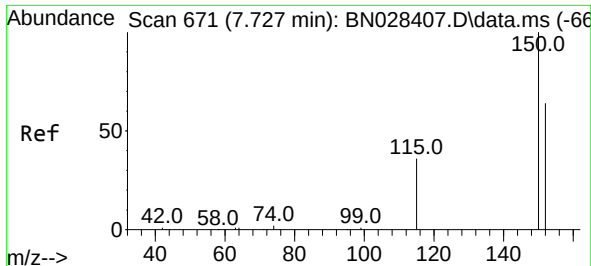
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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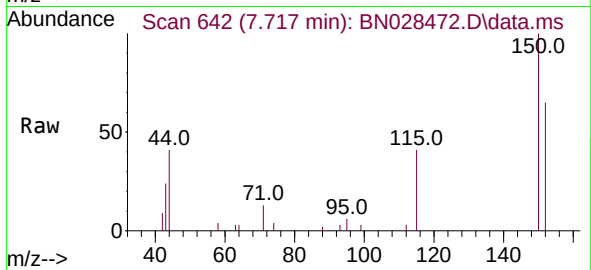
Quant Time: Nov 06 04:45:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
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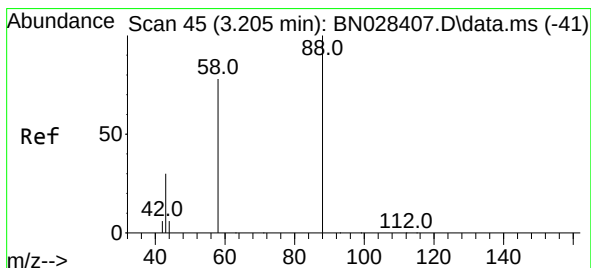
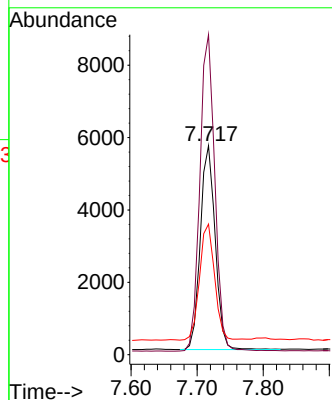
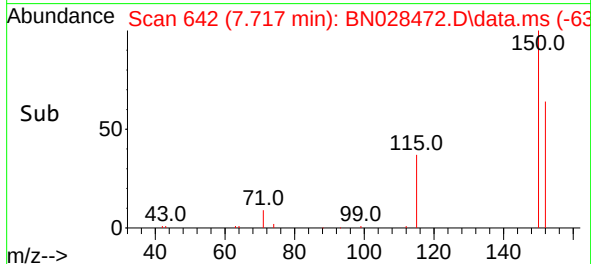


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.010 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

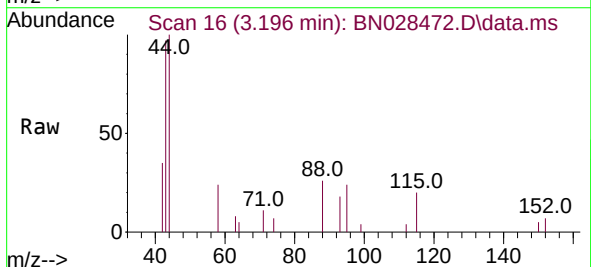
Instrument :
BNA_N
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BP-VPB-188-GW-280-282



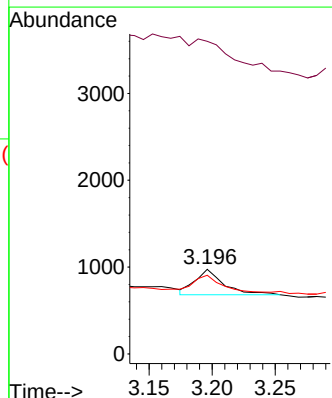
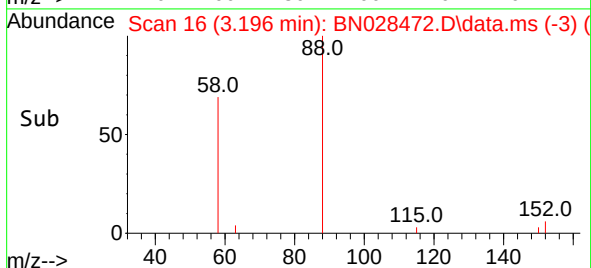
Tgt Ion:152 Resp: 8826
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 62.5 47.0 70.6

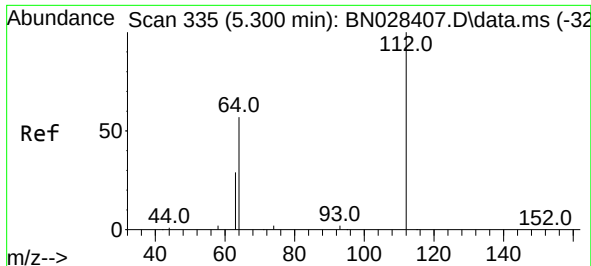


#2
1,4-Dioxane
Concen: 0.047 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.009 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35



Tgt Ion: 88 Resp: 463
Ion Ratio Lower Upper
88 100
43 0.0 24.3 36.5#
58 61.3 59.8 89.6





#4

2-Fluorophenol

Concen: 0.005 ng

RT: 5.298 min Scan# 30

Delta R.T. -0.002 min

Lab File: BN028472.D

Acq: 04 Nov 2023 13:35

Instrument :

BNA_N

ClientSampleId :

BP-VPB-188-GW-280-282

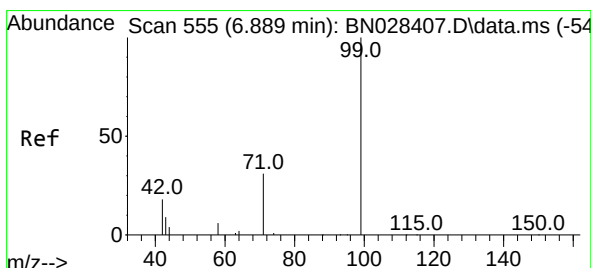
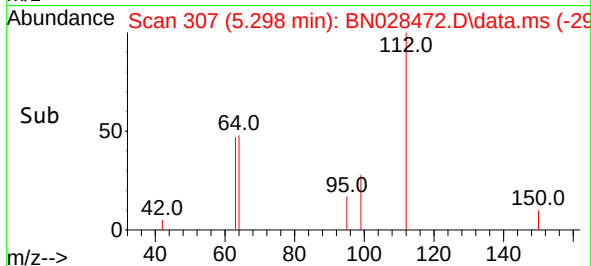
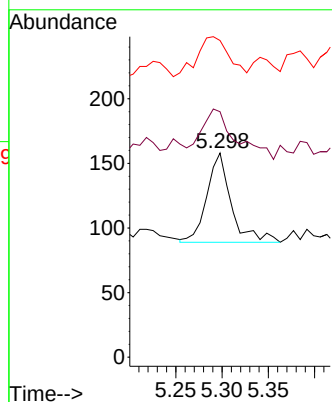
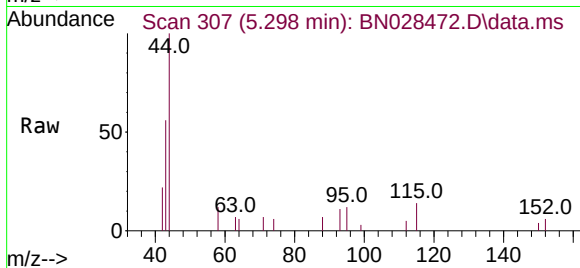
Tgt Ion:112 Resp: 126

Ion Ratio Lower Upper

112 100

64 79.4 44.3 66.5#

63 58.7 22.6 33.8#



#5

Phenol-d6

Concen: 0.006 ng

RT: 6.887 min Scan# 527

Delta R.T. -0.002 min

Lab File: BN028472.D

Acq: 04 Nov 2023 13:35

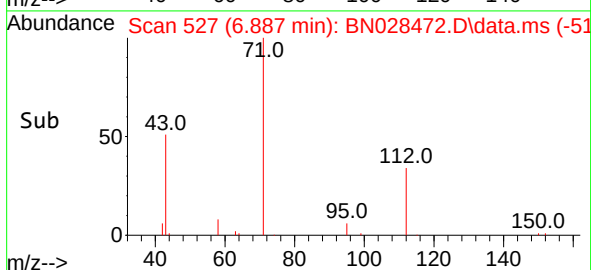
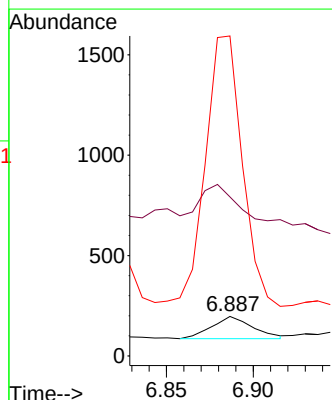
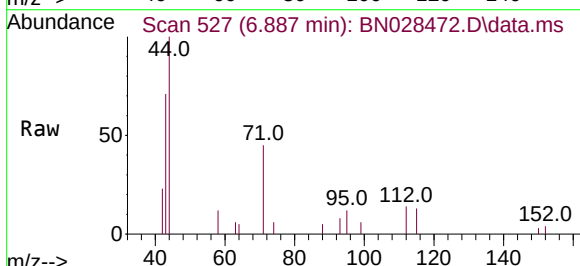
Tgt Ion: 99 Resp: 181

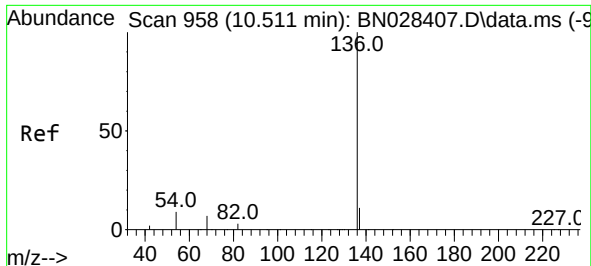
Ion Ratio Lower Upper

99 100

42 428.2 15.4 23.0#

71 1092.3 24.4 36.6#

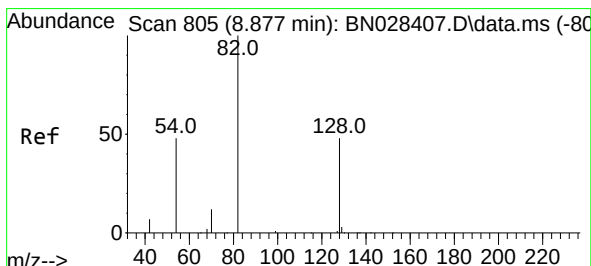
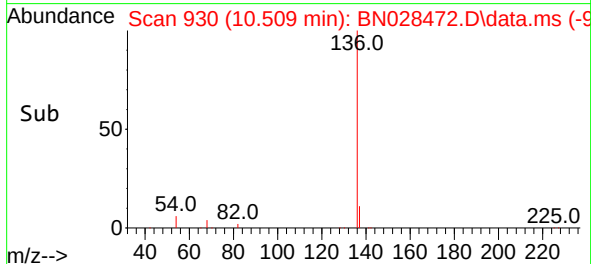
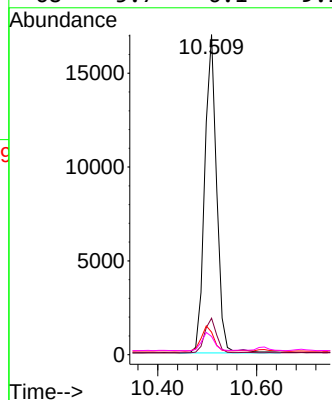
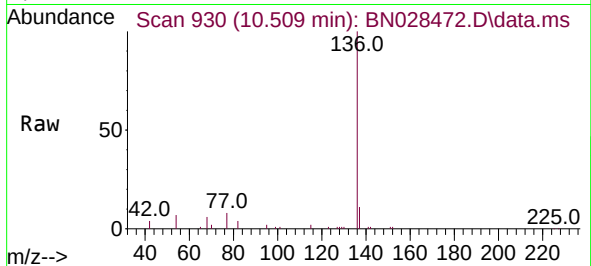




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

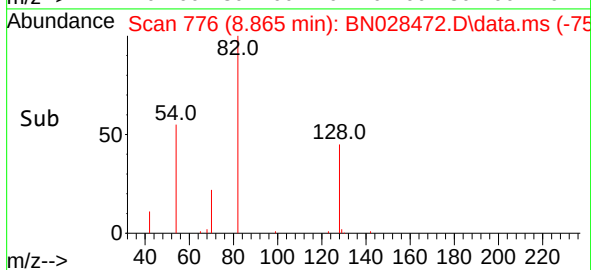
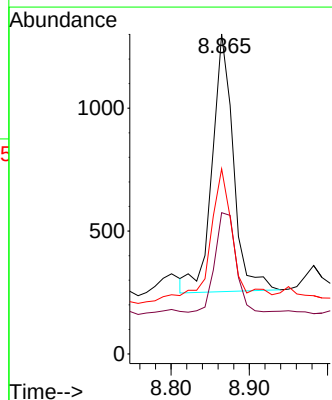
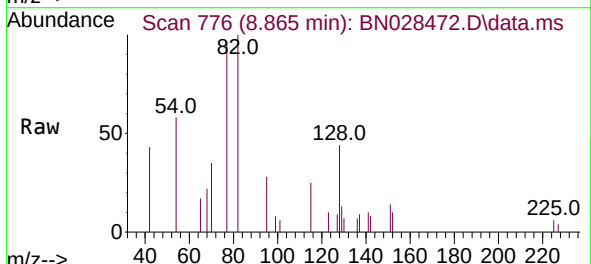
Instrument :
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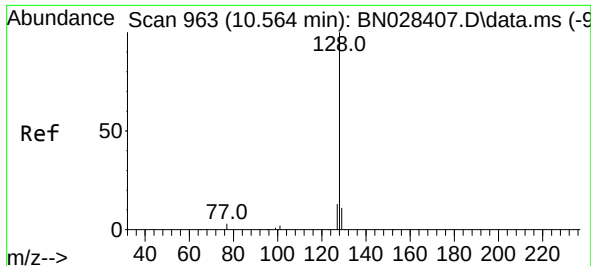
Tgt Ion:136	Resp:	28440
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.4
54	7.1	7.9 11.9#
68	5.7	6.1 9.1#



#8
Nitrobenzene-d5
Concen: 0.107 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.013 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

Tgt Ion: 82	Resp:	1971
Ion Ratio	Lower	Upper
82	100	
128	44.2	38.8 58.2
54	57.8	40.3 60.5

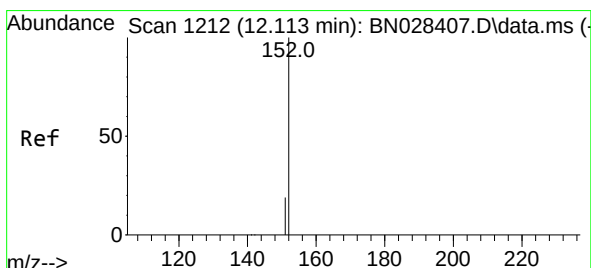
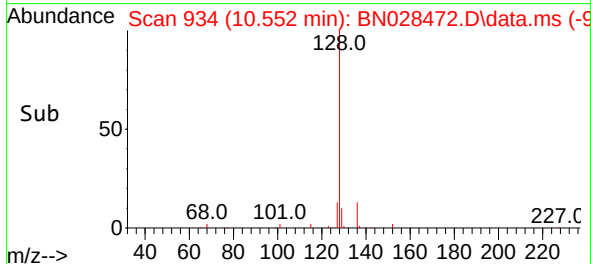
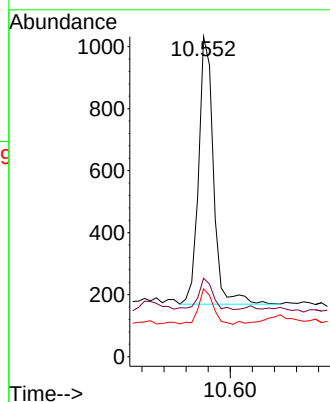
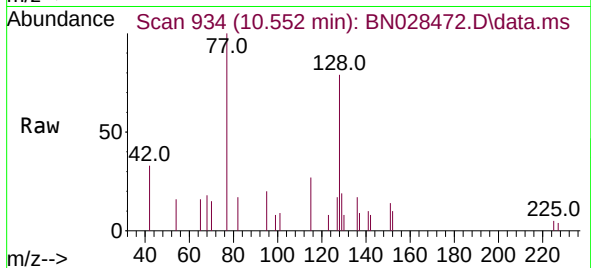




#9
Naphthalene
Concen: 0.021 ng
RT: 10.552 min Scan# 91
Delta R.T. -0.013 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

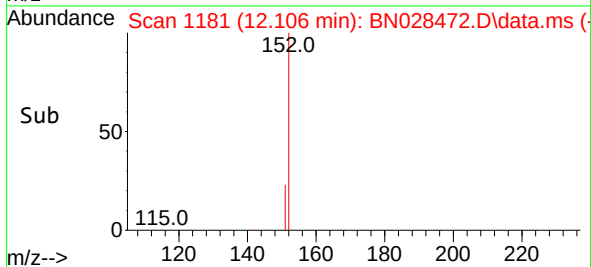
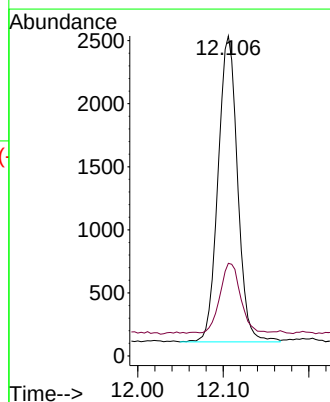
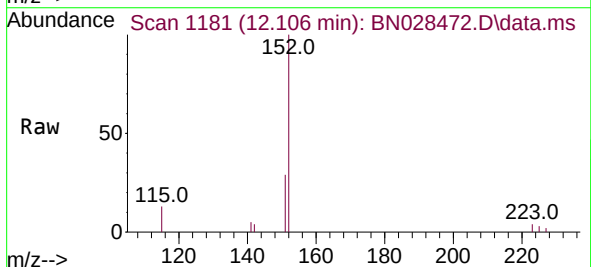
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-280-282

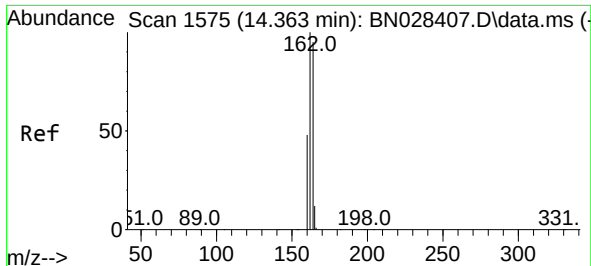
Tgt Ion:128 Resp: 1617
Ion Ratio Lower Upper
128 100
129 24.5 8.9 13.3#
127 21.2 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.094 ng
RT: 12.106 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

Tgt Ion:152 Resp: 3841
Ion Ratio Lower Upper
152 100
151 23.8 16.4 24.6

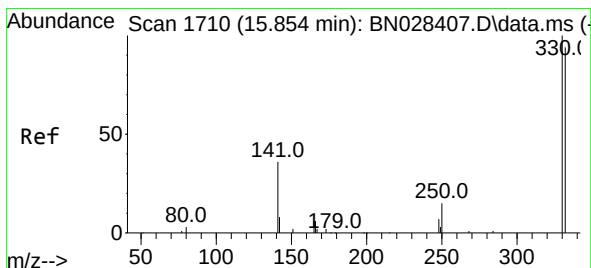
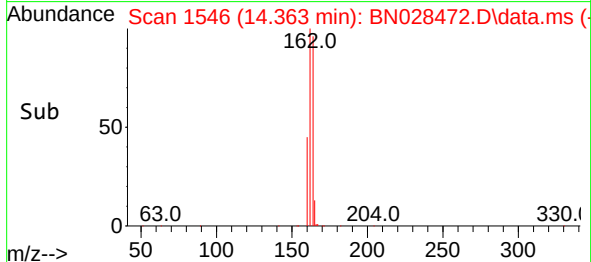
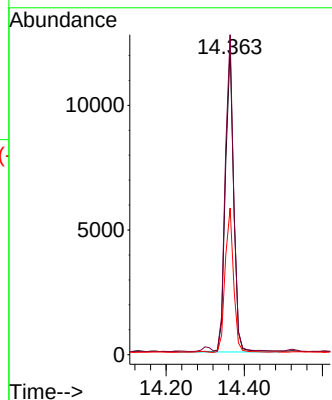
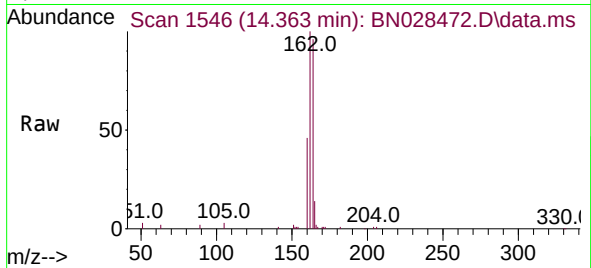




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

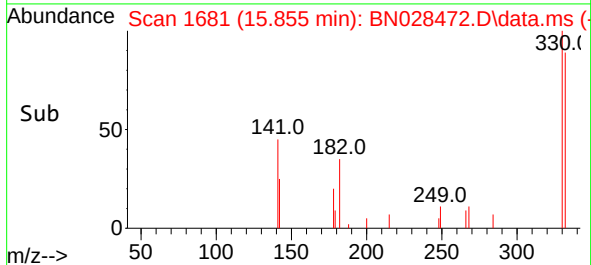
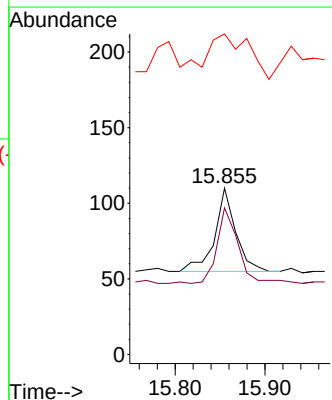
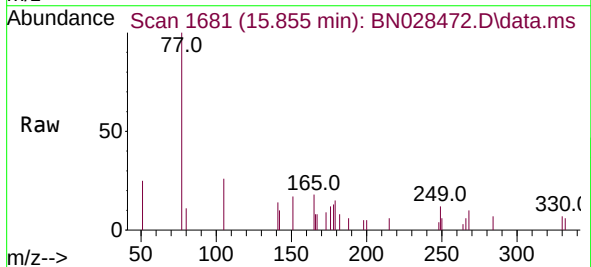
Instrument :
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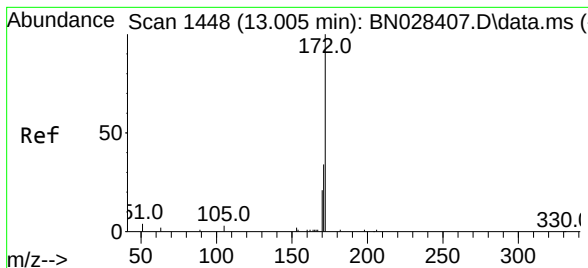
Tgt Ion:164 Resp: 17947
Ion Ratio Lower Upper
164 100
162 104.1 84.6 127.0
160 47.7 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.013 ng
RT: 15.855 min Scan# 1681
Delta R.T. 0.001 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

Tgt Ion:330 Resp: 89
Ion Ratio Lower Upper
330 100
332 93.3 76.2 114.2
141 96.6 32.8 49.2#

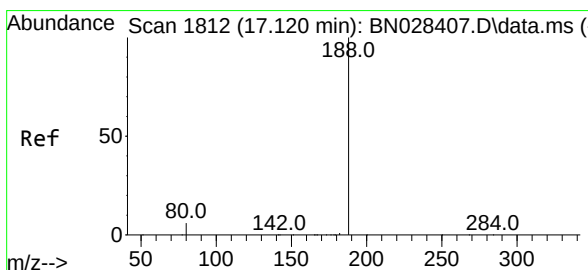
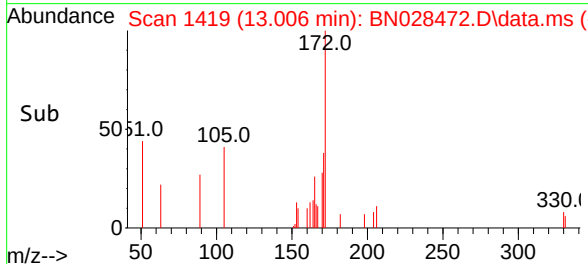
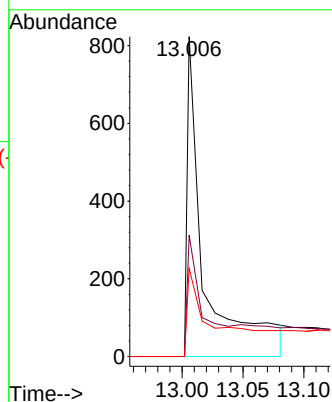
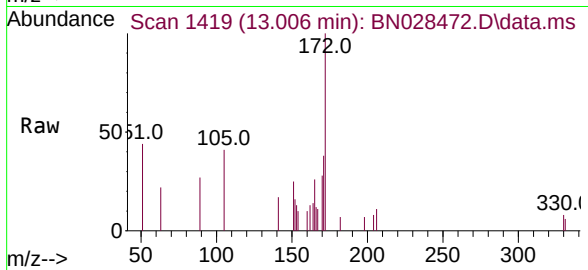




#15
2-Fluorobiphenyl
Concen: 0.040 ng
RT: 13.006 min Scan# 1448
Delta R.T. 0.001 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

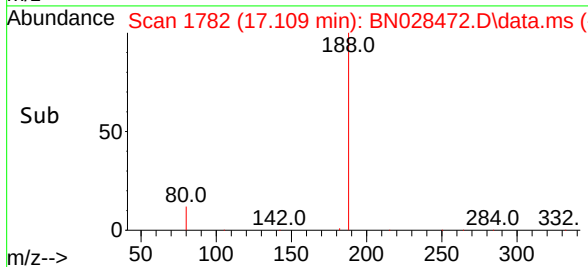
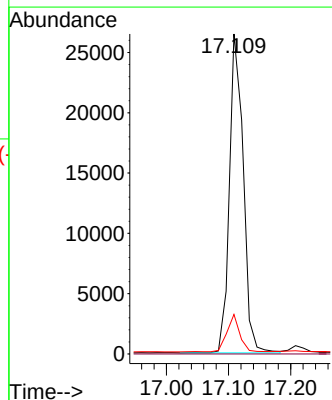
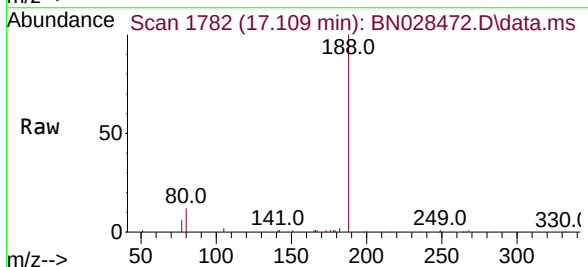
Instrument :
BNA_N
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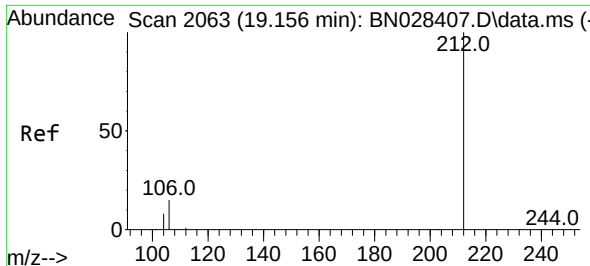
Tgt Ion:172 Resp: 847
Ion Ratio Lower Upper
172 100
171 37.9 27.2 40.8
170 27.6 17.1 25.7#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

Tgt Ion:188 Resp: 40798
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 5.3 7.9#

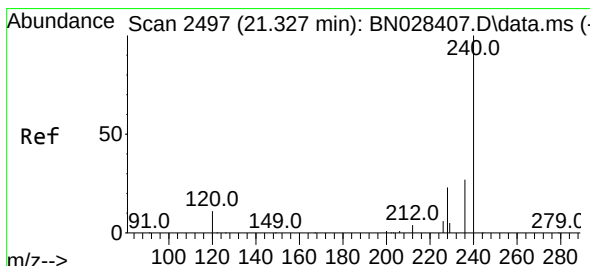
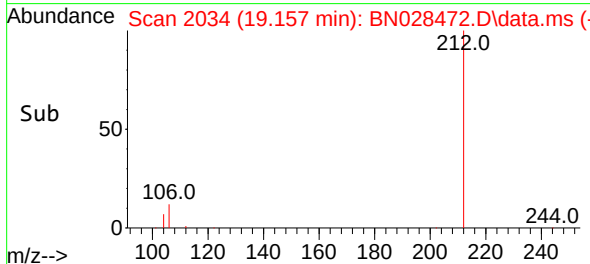
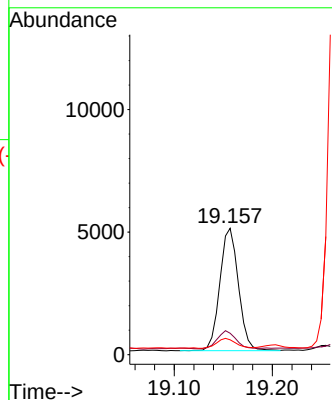
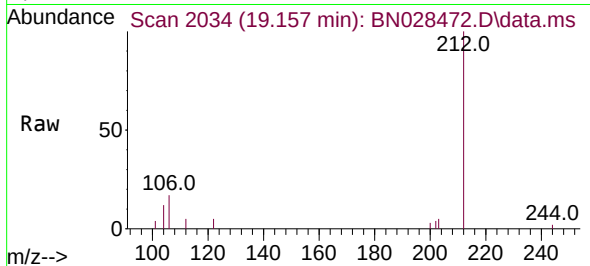




#27
Fluoranthene-d10
Concen: 0.065 ng
RT: 19.157 min Scan# 2063
Delta R.T. 0.001 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

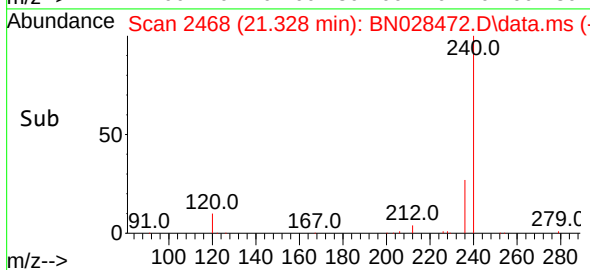
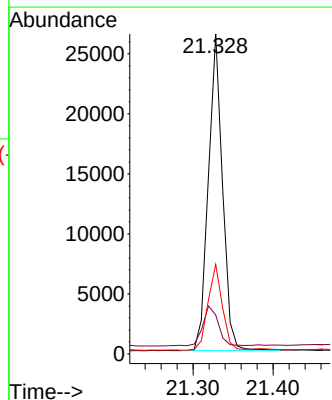
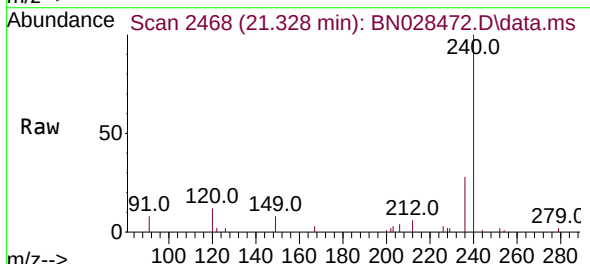
Instrument :
BNA_N
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BP-VPB-188-GW-280-282

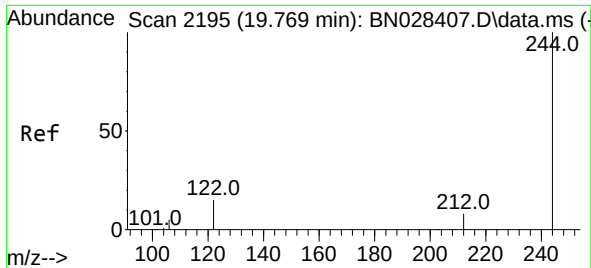
Tgt Ion:212 Resp: 6576
Ion Ratio Lower Upper
212 100
106 14.3 11.9 17.9
104 0.0 6.7 10.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2468
Delta R.T. 0.001 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

Tgt Ion:240 Resp: 32281
Ion Ratio Lower Upper
240 100
120 12.2 9.8 14.6
236 28.0 22.2 33.2

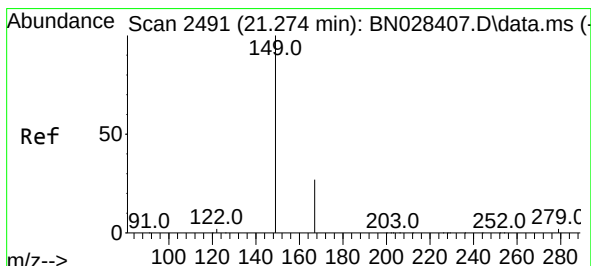
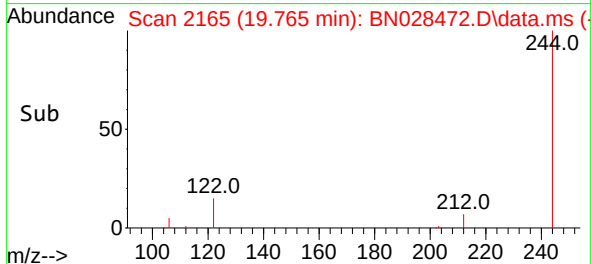
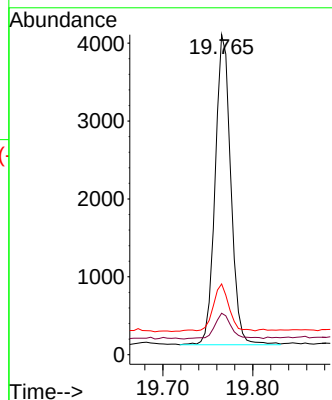
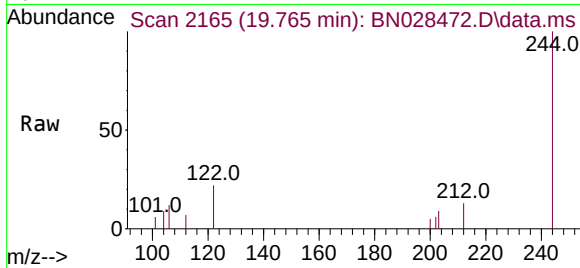




#31
 Terphenyl-d14
 Concen: 0.071 ng
 RT: 19.765 min Scan# 2195
 Delta R.T. -0.004 min
 Lab File: BN028472.D
 Acq: 04 Nov 2023 13:35

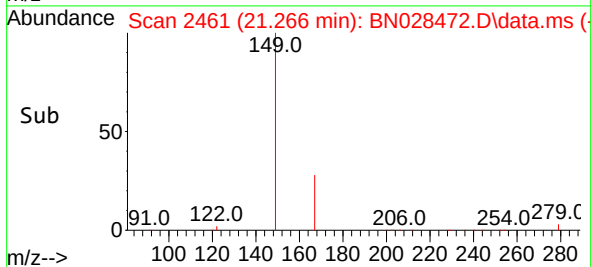
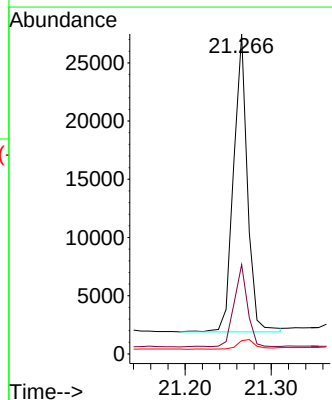
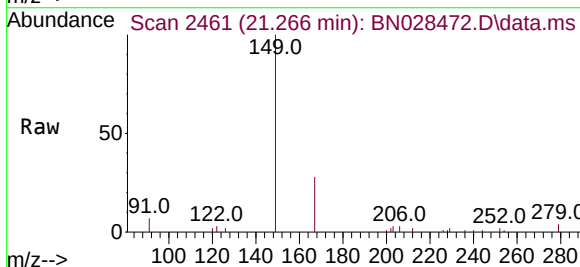
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-280-282

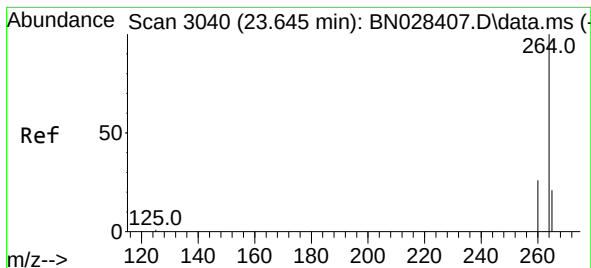
Tgt Ion:244 Resp: 4807
 Ion Ratio Lower Upper
 244 100
 212 12.9 6.6 10.0#
 122 22.1 12.6 19.0#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.432 ng
 RT: 21.266 min Scan# 2461
 Delta R.T. -0.008 min
 Lab File: BN028472.D
 Acq: 04 Nov 2023 13:35

Tgt Ion:149 Resp: 28599
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.0
 279 4.2 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.646 min Scan# 3040

Delta R.T. 0.001 min

Lab File: BN028472.D

Acq: 04 Nov 2023 13:35

Instrument :

BNA_N

ClientSampleId :

BP-VPB-188-GW-280-282

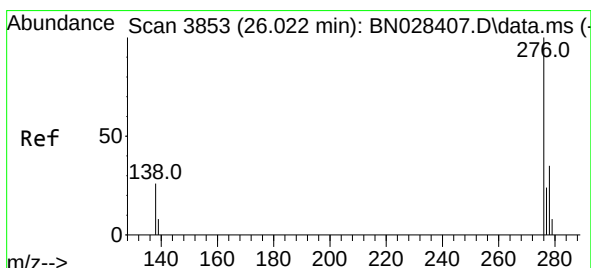
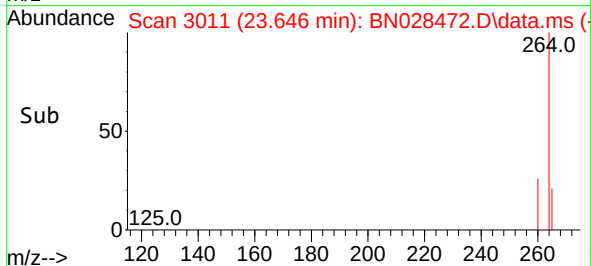
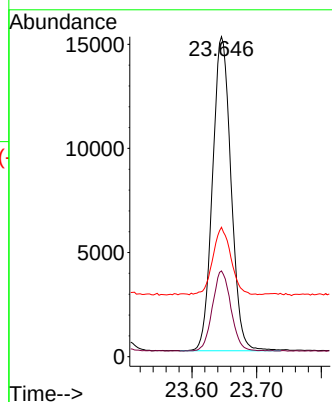
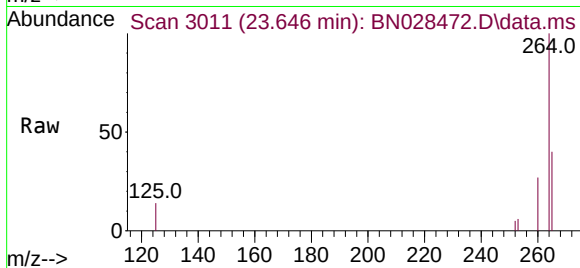
Tgt Ion:264 Resp: 29939

Ion Ratio Lower Upper

264 100

260 26.8 20.8 31.2

265 40.5 21.7 32.5#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.072 ng

RT: 26.028 min Scan# 3826

Delta R.T. 0.006 min

Lab File: BN028472.D

Acq: 04 Nov 2023 13:35

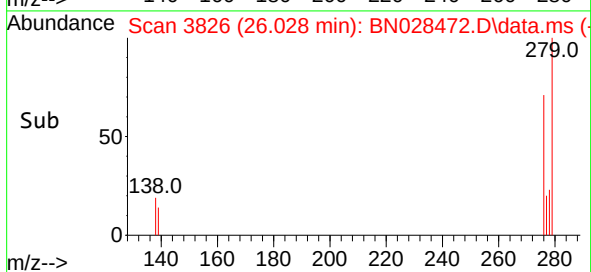
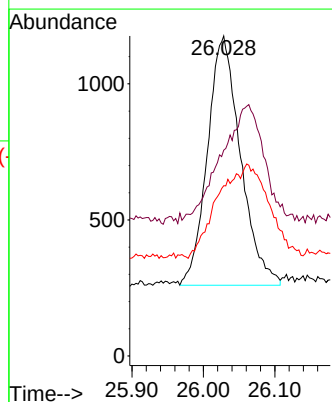
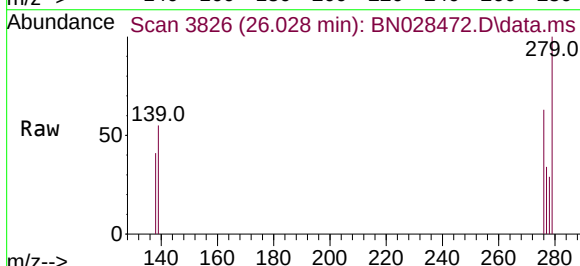
Tgt Ion:276 Resp: 2940

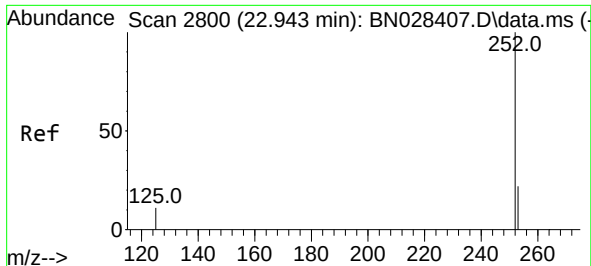
Ion Ratio Lower Upper

276 100

138 0.0 24.1 36.1#

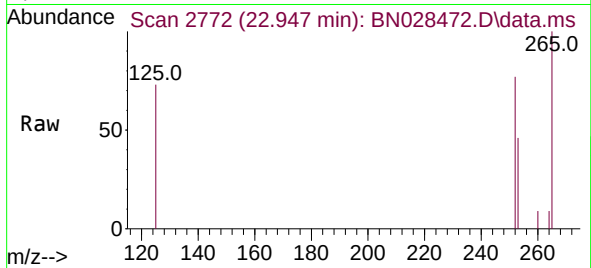
277 0.0 19.7 29.5#



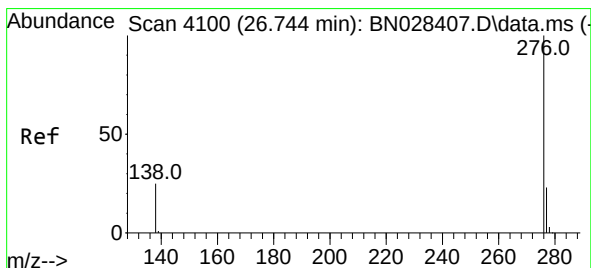
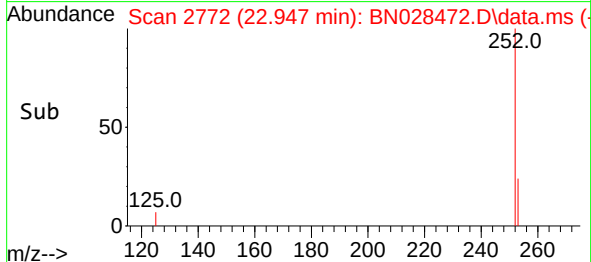
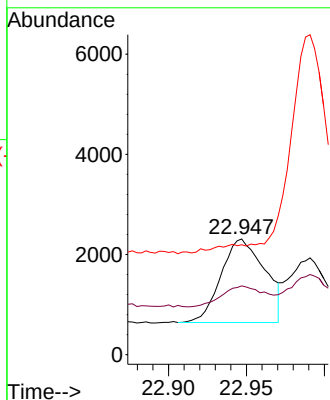


#37
Benzo(b)fluoranthene
Concen: 0.095 ng
RT: 22.947 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-280-282



Tgt Ion:252 Resp: 3277
Ion Ratio Lower Upper
252 100
253 59.5 18.2 27.4#
125 95.1 10.0 15.0#



#41
Benzo(g,h,i)perylene
Concen: 0.024 ng
RT: 26.756 min Scan# 4075
Delta R.T. 0.013 min
Lab File: BN028472.D
Acq: 04 Nov 2023 13:35

Tgt Ion:276 Resp: 2499
Ion Ratio Lower Upper
276 100
277 51.8 19.0 28.4#
138 65.4 21.1 31.7#

